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OUR HISTORY

VIRAX WAS ESTABLISHED

WITH THE FAMOUS "VIRAX THREADER", THE THREADER THAT "TURNS AROUND THE AXIS"

Alfred Lang and André Metivier establishes METIVIER-LANG on 8 February 1920. In the beginning, the plant is a craft workshop located in Gentilly manufacturing the first VIRAX threaders, which "turn [VIRent] around the AXis"! The production is first sold on the French market and then, from 1923, on the export market. To cope with increasing demand, the plant moves to larger premises in Villemomble.



START OF THE CERTIFICATION PROCEDURES ISO

An important acknowledgement of VIRAX's French industrial know-how and its commitment to providing its users with reliable products, the ISO 9001 Quality certification is awarded to the Epernay production site in 1997.

This is followed by ISO 14001 certification for its environmental management system.

19
20

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64

VIRAX OPERATES IN OVER 42 COUNTRIES, WITH THE VIRAX FACTORY LOCATED IN EPERNAY (MARNE DÉPARTEMENT)

The threaders conquer markets worldwide, including Japan! With the factory no longer large enough to cope with the growing order book, in 1964 VIRAX moves its head office, administrative and sales departments, and production means to Epernay, in the Champagne region. This new plant now covers an area of 25,000 m² on more than 9 hectares of land.

19
97



VIRAX OFFICIALLY ON FACEBOOK

**TWITTER, YOUTUBE
AND LINKEDIN**

The brand is present on several of the largest social networks, with the aim of being even closer to its users, being able to provide them with information in a different way, and obtaining their views on the Virax tools they use on a daily basis on their work sites.

20
15



VIRAX JOINS THE CAS ALLIANCE

**AND CONTINUES ITS
NEW ENVIRONMENTAL
APPROACH**

VIRAX joins the Cordless Alliance System (CAS), a common battery platform with more than 35 manufacturers and 300 machines. At the same time, aware of its environmental role, VIRAX is speeding up its CSR (Corporate Social Responsibility) action plan in order to maintain a sustainable approach, and obtains ISO 45001 certification for its occupational health and safety management system.

20
20

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VIRAX CELEBRATES ITS 100TH ANNIVERSARY

In 2020, the company proudly celebrated 100 years of existence, a demonstration of its durability and the high quality of its products. Above all it underlines the brand loyalty shown by VIRAX users, with the most loyal ones passing tools on from one generation to the next.



FRENCH MANUFACTURER

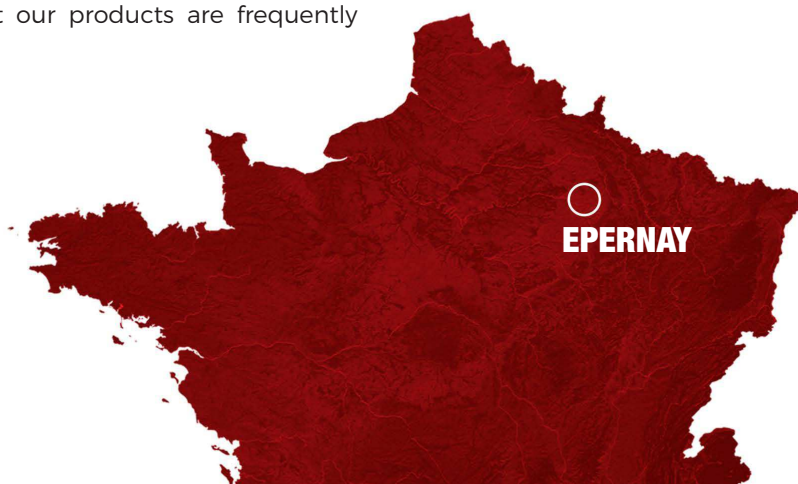


VIRAX has established its reputation as a reference tool brand for pipe maintenance and installation professionals, in both fluid and gas applications, for over 100 years. With more than 2,000 products in its catalogue and over 6,000 in production, VIRAX is a key player in France and a leading player in the European market.

Over 70% of our product range is industrialised at our **20,000 m²** plant at our head office in the Champagne region. We realise that our products are frequently

used in tough conditions, which is why we machine, inject and treat **premium materials** to ensure optimal strength.

The **Quality policy** implemented by VIRAX has been repeatedly praised and rewarded by the most demanding certifications over more than 20 years; that is why we are confident and offer a 2-year guarantee on the **quality and reliability** of all VIRAX products.



Aware of its environmental role, VIRAX is speeding up its CSR (Corporate Social Responsibility) action plan in order to maintain a sustainable approach.

The company has undergone an **Eco Vadis audit**, the global standard for CSR assessments, to assess our various actions. This audit identified both the **positive impacts** of our approach, and all future areas for improvement.




THE VIRAX CSR CHARTER IS STRUCTURED AROUND FOUR MAJOR AREAS:

- ✔ **More responsible sourcing** for our raw materials and suppliers.
- ✔ **Reducing our environmental impact** and carbon footprint.
- ✔ **Promoting diversity** and inclusivity in the workplace, in particular through training our employees and users.
- ✔ **Contributing to local development.**



CSR APPROACH

RESEARCH & DEVELOPMENT



At our Champagne headquarters, our R&D unit, made up of engineers and industrial designers, is innovating to offer you ever more efficient machines and tools.

From the basic idea to the day the product reaches the shelves, all company teams are involved in the research and development process for a VIRAX product, and sometimes this requires several prototypes to meet both our and your requirements.

In addition to systematic stress testing and according to our quality processes, these prototypes are also regularly tested by professional users under real-life conditions.

Consequently, we talk with our end-user throughout the development process, to make sure we offer a tool that fully meets their needs, and "makes the most of your talent"!



MODERNISING THE PLANT

Since its establishment in Marne in 1964, VIRAX has continuously invested in its plant covering over 20,000 m².

These investments mean we can, firstly, meet the ever-increasing demand from our customers, and also produce equipment with the latest technical and technological advances.

As a result, we offer our users premium tools that are durable and can withstand often tough worksite conditions.



SOLUTIONS

DESIGNED FOR THE USER



Making life easier for our end-users on work sites is a priority for our company.

VIRAX tools are designed to be as versatile as possible: our 5-in-1 inspection camera, our well-known PC 42, 4-in-1 pipe cutter, and our interchangeable press-fitting solution cover a wide range of applications.

With this in mind, the VIRAX brand has joined CAS (Cordless Alliance System), a common battery platform with more than 35 manufacturing partners, representing more than 300 machines compatible with a single battery. Already 3 VIRAX products are equipped with CAS technology, and future innovations will also use this technology.

Our goal of user satisfaction in terms of working comfort has led us to offer a smart transport system: the VIRABOX cases, which can be clipped together, making them easier to store, transport and organise.

More than 20 of the leading machines and tools from the VIRAX range are already delivered in VIRABOXes!



INTERNATIONAL PRESENCE



Shortly after its founding, VIRAX met great success in foreign markets with its famous threaders.

Today, the brand operates in more than 50 countries in Europe and worldwide, through a network of partner distributors made up of agents, wholesalers and resellers, supported by our VIRAX area managers.

VIRAX therefore takes part in many national and international events in order to be close to its users.

FOLLOW US!

**YOUR NEWS
ON SOCIAL
NETWORKS!**

New products,
competitions,
polls, tutorials, etc.



YOUR OPINION MATTERS!



PC 42 PIPE CUTTER

215042



96 similar reviews

CROSSBOW BENDER

2503



192 similar reviews



FLARING PLIERS

2526



126 similar reviews

PUMP-ACTION PIPE CLEANER

290210



951 similar reviews



TIGHTENING



 **virax**















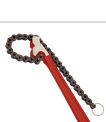
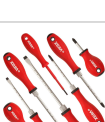








**ADJUSTABLE
WRENCH**
017050



70 similar reviews

1 ■ GENERAL PURPOSE TOOLS / TIGHTENING

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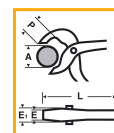
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1 ■ GENERAL PURPOSE TOOLS / TIGHTENING

PIPE WRENCH

0100 : Swedish key - 90°

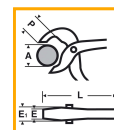
90° head angle. Narrow parallel, tapered jaws for effective nut gripping.
Easily grips thin materials. Non-pinch handles.



A "	A mm	A max.	B mm	L mm	E mm	Kg	Ref.
1	34	47	12.1/2	305	15	0,765	010011
1.1/2	49	63	16.3/4	420	18	1,410	010012
2	60	82	22	535	22	2,500	010013

0104 : Swedish Pipe Wrench

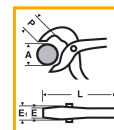
Teeth fully surround the pipe. No risk of slippage.
Pipe gripped at three points. Non-pinch handles.



A "	A mm	A max.	B mm	L mm	E mm	Kg	Ref.
1	34	48	12	320	14	0,860	010434
1.1/2	49	55	16.1/4	440	19	1,580	010449
2	60	68	22	550	21	2,830	010460

0105 : Swedish - 45° Pipe Wrench

45° head angle. Parallel jaws for effective nut gripping.
Easily grips thin materials. Non-pinch handles.



A "	A mm	A max.	B mm	L mm	E mm	Kg	Ref.
1	34	45	12.1/2	315	17	0,800	010534
1.1/2	49	59	16.3/4	440	20	1,450	010549
2	60	76	22	560	23	2,700	010560

0106 : Chain Wrench with reversible jaws

Advantages

- Lasts twice as long:** reversible jaws.
- Low wear :** forged and treated jaws.
- Less effort :** adapted handle length.

Very heavy-duty chain wrench for the energetic tightening of water pipes and pipelines with difficult access ((water and gas pipes in trenches ,) in the chemical and oil industries, shipyards, ...

Practical use similar to a ratchet with a back-and-forth movement.

Economical and never out of grip on the pipe, just turn the jaws over if the first side is worn.

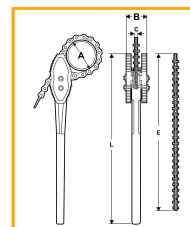
Repeated, powerful and slip-free tightening thanks to its forged and low-wear jaws.

Low effort with long forged handle for optimized force multiplication and high torque.

High strength hardened steel chain.

Quick opening for easy placement on the pipe even in tight spaces.

6 sizes from 1.1/2" to 12".



A "	A mm	L mm	B mm	C mm	E mm	Kg	Ref.
1.1/2	49	350	38	8	344,5	1,400	010620
2.1/2	77	685	49	9	451,5	3,500	010621
4	115	940	60	13	566,5	6,700	010622
6	167	1122	75	20	808	12,600	010623
8	220	1278	79	20	1010,6	17,000	010624
12	325	1625	82	20	1417,6	24,200	010625

0106 : Spare parts for chain wrench with reversible jaws

Description	Kg	Ref.
Chain 1.1/2"	010620	010630
Chain 2.1/2"	010621	010631
Chain 4"	010622	010632
Chain 6"	010623	010633
Chain 8"	010624	010634
Chain 12"	010625	010635
Set of 2 jaws 1.1/2"	010620	010640
Set of 2 jaws 2.1/2"	010621	010641
Set of 2 jaws 4"	010622	010642
Set of 2 jaws 6"	010623	010643
Set of 2 jaws 8"	010624	010644
Set of 2 jaws 12"	010625	010645



Go to www.virax.com

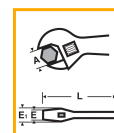
To find a product sheet, a safety data sheet or exploded views,
Go to our web site.

1 ■ GENERAL PURPOSE TOOLS / TIGHTENING

RACK-TYPE WRENCH

0108 : Adjustable Wrench

Sturdy, wide-opening wrench. Easy to adjust. Made in hardened steel. Ground and chrome finish.

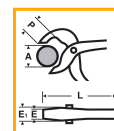


A max. mm	A hex. nut	B mm	L mm	E mm	Kg	Ref.
60	39 mm - 1.1/2"	9	230	17	0,480	010823
70	45 mm - 1.3/4"	11	280	20	0,780	010828
80	52 mm - 2.1/16"	15	375	22	1,580	010838

TWIN SLIP-JOINT

0109 : Twin Slip-Joint Pliers

Excellent grip on all shapes.
7 position rack, for high precision adjustment.
Non-pinch interlocking handles.



A mm	L mm	P mm	E mm	Kg	Ref.
17	175	18,5	6	0,160	010917
30	250	27	7	0,310	010924
36	300	35	10,5	0,485	010930
17 - 30 - 36	175 - 250 - 300	18,5 - 27 - 35	6 - 7 - 10,5	0,955	990008



Much more than just quality, here's the Virax commitment!

Virax commits to total, permanent and durable satisfaction of users and therefore applies a process based on:

- A proactive product plan.
- A constant innovation process.
- A focus on permanent improvement.
- Improved customer services.
- An assurance of optimum availability rate.

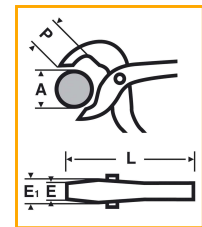
Customer satisfaction, the heart of our commitments.

0182 : Extra-Wide Opening Multigrip Pliers

Advantages

- Practical:** wide opening to substitute for several pliers.
- Ergonomic** with very large handles for a better grip.
- Avoids slipping** with self-clamping inward curved teeth.

Extra-wide opening, between 28 and 70% wider than typical pliers: one set of pliers instead of several (saves weight and space in the toolbox).
Non-slip handles for a better grip.
Extra-wide handles for a better grip and lesser effort.
Chrome vanadium pliers, forged for a very high strength tool with double thermal treatment.



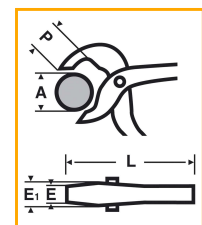
A mm	L mm	P mm	E mm	E1 mm	Sheathed grips	Kg	Ref.
35	180	32	6	13	yes	0,245	018212
56	250	45	8	15	yes	0,425	018218
95	430	35	12	25	yes	1,350	018232

0182 : Extra-Wide Multigrip Pliers with Fast Locking Button

Advantages

- Practical:** wide opening to substitute for several sets of pliers.
- Ergonomic** with very large handles for a better grip
- Fast** with a fast locking button for accurate adjusting.

Extra-wide opening, up to 30% wider than typical pliers: one set of pliers instead of several (saves weight and space in the toolbox).
Fast locking button for easier and more accurate adjusting, 18 locking positions
Non-slip handles for a better grip.
Extra-wide handles for a better grip and lesser effort.
Chrome vanadium pliers, forged for a very high strength tool with double thermal treatment.

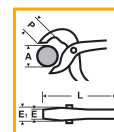


A mm	L mm	P mm	E mm	E1 mm	Sheathed grips	Kg	Ref.
45	180	32	6	18	yes	0,240	018222
52	250	45	8	20	yes	0,425	018228

1 ■ GENERAL PURPOSE TOOLS / TIGHTENING

0113 : Large-Capacity Plumbing Wrench

Ideal for tightening and loosening large nuts in difficult-to-reach locations. Rounded jaws suitable for sanitary installations (traps, couplers, etc.). 3 settings. Supplied with plastic jaws.



A mm	L mm	P mm	E mm	Kg	Ref.
60	240	42	10	0,310	011324

PLIER WRENCH

0112: Plier Wrench

Advantages

Compact and economical: substitutes for a complete set of open end wrenches up to 36 mm (011207) and 45 mm (011210).

Designed for plumbers: smooth and parallel jaws for a perfect contact and maximum tightening.

Versatile use: for tightening and loosening all types of bolts and nuts, holding, bending, clamping, forming, etc.

Fast adjustment and flat jaw screwing and tightening tool, a perfect combination of slip-joint pliers and adjustable wrench.

Smooth and perfectly **parallel jaws** ensuring tight fit when tightening without damage to nuts in soft materials (brass, plastic) and **preserving chrome-plated and fragile coatings**.

Versatile tightening for multiple applications in plumbing, maintenance, mechanical engineering, industry, for tightening/loosening all types of bolts and nuts, holding, bending, clamping, forming, etc.

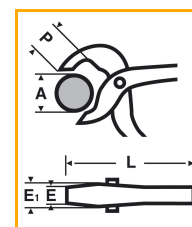
Instant opening by secured locking push-button of the adjusted position by quadruple rack. Ratchet-like operation for fast screwing / unscrewing.

Graded with position cursor for **easy pre-adjustment** and slide rule type of use providing **accurate measurement** up to 30 mm (011207) and 40 mm (011210).

Anti-slip handles for improved grip.

Comfort of use thanks to its light weight, only 225 grammes (011207) and 490 grammes (011210), and high demultiplication for powerful application.

High quality heavy duty clamp wrench in 100% hot forged chrome Vanadium.



A mm	L mm	P mm	E mm	E1 mm	Sheathed grips	Kg	Ref.
36	183	26	5	11	Yes	0,225	011207
45	264	35	8	14	Yes	0,490	011210



Virax supports future installers

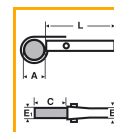
Virax helps teachers promote the industry to students. Every year, Virax and teachers create a competition to test the skills of future graduates in a fun way. The best students win prizes to help them get started in their new profession.

STRAP WRENCH

0116 : Strap Wrench

For use where the surface of the parts to be tightened must remain unmarked, such as chrome pipes, connectors or tap fittings, as well as components made from stainless steel or plastic, etc. Very high strength replaceable nylon strap.

High-strength light alloy handle. End of handle shaped to allow strap to be self-tightening.



1

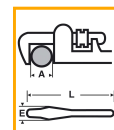
A "	A mm	B mm	L mm	E mm	C mm	E1 mm	Kg	Ref.
2	60	12	315	42	450	30	0,320	011600
4	114	12	315	42	750	30	0,355	011610
14	350	12	315	42	1500	30	0,360	011620

STILLSON WRENCH

0125 : Stillson Wrench

Springs housed inside the casing provide an instant grip on the pipe and efficient self-tightening and ratchet-like action.

Special heat-treated steel handle and jaws.

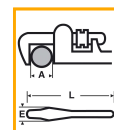


A "	A mm	B mm	L mm	E mm	Kg	Ref.
3/4	27	8	200	12	0,280	012520
1	34	10	250	16	0,600	012525
1.1/2	49	14	350	20	1,130	012535
2	60	18	450	23	1,845	012545
2.1/2	76	24	600	26	3,100	012560
3.1/2	102	36	900	28	5,975	012590

VIRAGRIP WRENCH

0136 : Light Alloy Offset Viragrip® Pipe Wrench

Perfect for working in difficult-to-reach places: along walls and floors, between pipes next to ceilings, etc.



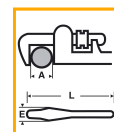
A "	A mm	B mm	L mm	E mm	Kg	Ref.
1.1/2	49	14	350	34	0,900	013614
2	60	18	450	39	1,460	013618
2.1/2	76	24	600	47	2,485	013624

1 ■ GENERAL PURPOSE TOOLS / TIGHTENING

0137 : Light Alloy Viragrip® Pipe Wrench

The upper jaw is forged in heat-treated steel, equipped with 2 springs ensuring efficient self-tightening on the pipe and allowing ratchet-like action. Double high-frequency hardened teeth.

Lightweight, very easy to handle.



A "	A mm	B mm	L mm	E mm	Kg	Ref.
2	60	14	350	23	0,985	013735
2.1/2	76	18	450	27	1,675	013745
3	90	24	600	30	2,650	013760
5	140	36	900	32	5,210	013790

0138 : Viragrip® in Heavy Duty Cast Iron

Advantages

High effort resistance: reinforced model.

Efficient: self-clamping on pipe.

Fast: moving jaw ratchet effect.

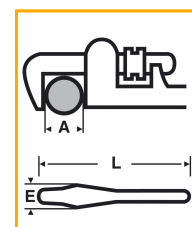
Viragrip® pipe wrench, 6" to 48", for tubes of Ø 3/4" to 6".

Reinforced handle and head for use in extreme tightening conditions.

Moving jaw made from treated forged steel, with 2 springs allowing effective self-tightening of the tube and providing clamping force identical to that of a ratchet. High-frequency double hardening for gear teeth.

In accordance with standard US/GGG-W-651-E.

HEAVY DUTY: + 30% more strength.

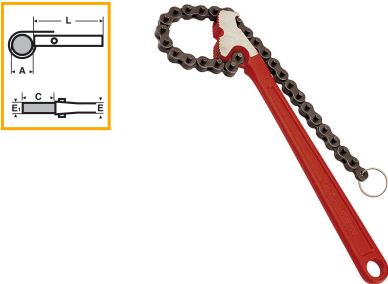


A "	A mm	B mm	L mm	E mm	Kg	Ref.
3/4	27	6	150	15	0,240	013806
1	34	8	200	15	0,400	013808
1.3/4	55	10	250	20	0,770	013810
2	60	12	300	25	1,110	013812
2	60	14	350	25	1,610	013814
2.1/2	76	18	450	30	2,580	013818
3.1/2	102	24	600	30	3,740	013824
5	140	36	900	40	7,750	013836
6	168	48	1200	52	14,100	013848

CHAIN WRENCH

0141 : Chain Wrench

Forged, hardened chrome vanadium steel jaws and handles made of one piece.
Double set of teeth allow direction to be reversed with the wrench in position. Easy to handle tool for use in confined spaces.

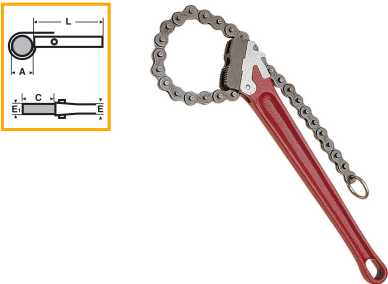


1

Tightening A "	Tightening A mm	Pre-tigtenin g A "	Pre-tigtenin g A mm	C mm	B mm	L mm	E mm	Kg	Ref.
2	60	4	114	460	14	360	20	1,040	014100

0142 : Chain Wrench

Reversible jaw with two sets of teeth in hardened chrome vanadium steel. Chain secured to handle at two points. Easy to handle, designed for use in confined spaces.



Tightening A"	Tightening A mm	Pre-tigtenin g A "	Pre-tigtenin g A mm	C mm	B mm	L mm	E mm	Kg	Ref.
2	60	4	114	475	14	350	21	1,150	014200
3	90	5	140	515	24	600	30	3,740	014210



1 ■ GENERAL PURPOSE TOOLS / TIGHTENING

ADJUSTABLE WRENCH

0170 : Extra-Wide Opening Adjustable Wrench

Advantages

Practical:

One wrench instead of several, saves weight and space.

For confined spaces:

Thin noses and flush moving jaw when open.

2 additional extra-wide opening versions:

Classical or with thin jaws for confined locations.

Extra-wide opening, sheathed adjustable wrench, ideal for working on copper and brass in plumbing, air-conditioning, refrigeration, maintenance and heating applications.

With its wide-opening jaw and torsional strength, it replaces 3 wrenches (6"-8"-10" for ref. 017045/017047, 8"-10"-12" for ref. 017050/017052, 10"-12"-15" for ref. 017055).

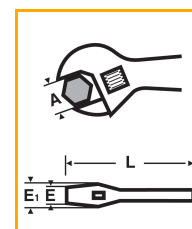
Non-slip sheathed handle for a better grip.

Extra-wide opening adjustable wrench with extra-thin jaws (ref. 017047 and 017052) adapted to the thinnest nuts.

Ideal for assembly and disassembly of locknut systems.

Maximum access thanks to nose 50% slimmer than standard wrenches with similar opening, and even thickness over the entire nose length.

Complies with ISO 6787:2001 and ASME B107.100-2010 standards.



Across flats A mm	Across flats A"	E mm	E1 mm	L mm	B mm	Kg	Ref.
34	1.1/4"	6	14	175	6	0,210	017045
34	1.1/4"	4	14	175	6	0,210	017047
39	1.1/2"	6	14	215	8	0,350	017050
39	1.1/2"	4	14	215	8	0,350	017052
53	2.1/16"	6	16	250	10	0,640	017055



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0170 : Adjustable wrench with reversible jaw

Advantages

- Reversible jaw:** 1 side for pipes, 1 side for nuts.
- Wide opening:** the jaw opens wider than wrenches with equivalent length.
- For confined spaces:** thin nose tips.

The two-in-one tool: High quality reversible jaw, with one serrated side for tightening and loosening pipes and damaged nuts, and one smooth side for usual work.

With its wide opening jaw it replaces two wrenches (6"-8" for reference 017030, 8"-10" for reference 017031, etc.)

Triple coating of nickel and chrome provides **high corrosion resistance**.

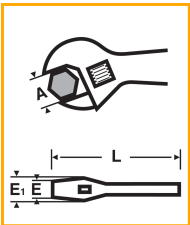
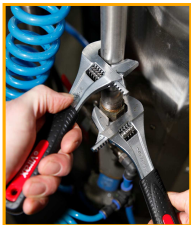
Ergonomic handle with **anti-slip coating** for better grip.

Fixed jaw graded in mm and inch for adjustment before use.

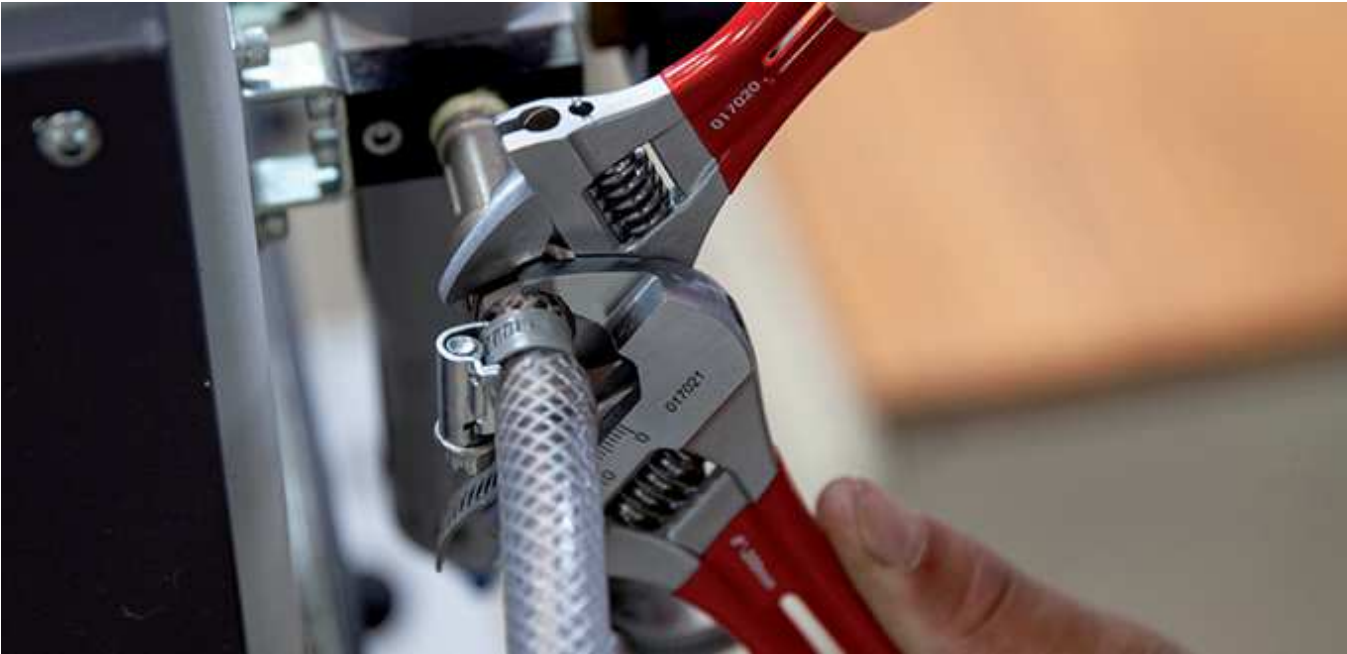
Complies with ISO 6787:2001 and ASME B107.100-2010 standards.



1



Accross flats A mm	Accross flats A"	E mm	E1 mm	L mm	B mm	Kg	Ref.
27	1.1/16"	5,3	10,8	162	6	0,160	017030
34	1.5/16"	7,2	14,0	209	8	0,320	017031
40	1.9/16"	7,7	15,5	261	10	0,510	017032
45	1.3/4"	9,5	19,0	313	12	0,835	017033
27 - 34 - 40	1.1/16" - 1.5/16" - 1.9/16"	5,3 - 7,2 - 7,7	10,8 - 14,0 - 15,5	162 - 209 - 261	6 - 8 - 10	0,990	017039



1 ■ GENERAL PURPOSE TOOLS / TIGHTENING

0170: Adjustable wrench extra light with thin jaws

Advantages

Extra-light: 30% less weight compared with a traditional adjustable wrench.

Thin jaws: to adapt to the thinnest nuts.

Wide opening: the jaw opens wider than wrenches with equivalent length.

Extra light adjustable wrench for user comfort. This optimal design reduces weight by up to -30% compared with a traditional wrench and -48% compared with a technical wrench, while maintaining excellent strength thanks to high grade steel.

Thin jaws ensure optimal access, up to 50% thinner than standard wrenches with similar opening potential. Homogeneous thickness over the full length of the jaws, which is ideal for fitting and removing locknut systems.

With its wide opening jaw it replaces two wrenches (6"-8" for reference 017020, 8"-10" for reference 017021, etc.)

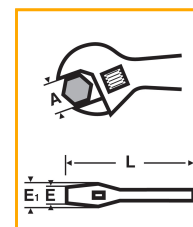
Triple coating of nickel and chrome provides high corrosion resistance.

Handle with anti-slip coating for better grip.

Short and smooth mobile jaw rod, for use in small spaces.

Fixed jaw graded in mm and inch for adjustment before use.

Complies with ISO 6787:2001 and ASME B107.100-2010 standards.

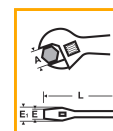


Across flats A mm	Across flats A"	E mm	E1 mm	L mm	B mm	Kg	Ref.
24	15/16"	4	10,8	161	6	0,115	017020
30	1.3/16"	5	14,0	207	8	0,210	017021
36	1.7/16"	6	15,5	259	10	0,345	017022
46	1.3/16"	8	19,0	311	12	0,600	017023

0170 : Adjustable Wrench

Triple coating of nickel and chrome provides high corrosion resistance. Very tough.

The moving jaw of 6, 8, 10 and 12" long wrenches do not protrude when open, making them suitable for use in confined spaces.



Across flats A mm	Across flats A"	E mm	E1 mm	L mm	B mm	Kg	Ref.
19	3/4	6	10	150	6	0,120	017006
24	15/16	7	12	200	8	0,230	017008
29	1.1/8	8	14	250	10	0,390	017010
33	1.1/4	11	19	300	12	0,670	017012
45	1.3/4	18	25	380	15	1,230	017015
53	2.1/16	19	28	455	18	2,105	017018

RADIATOR WRENCH

2204 : Radiator Key Wrench With Ratchet

For fitting the captive nuts connecting the regulating valve to the radiator.
Short wrench for working on ribbed nuts and internal hexagonal nuts in confined spaces.

Description	Kg	Ref.
Wrench : 3/8" - 1/2" - 3/4" - 1" + 1/2" female ratchet	0,545	220425
Wrench : 8 sizes including 3/8" - 1/2" - 3/4" - 1" + 1/2" female ratchet	0,560	220435
1/2" female ratchet	0,420	220410
Wrench : Ø 3/8" - 1/2" - 3/4" - 1"	0,130	220420
Wrench : 8 sizes. including 3/8" - 1/2" - 3/4" - 1"	0,140	220430



1

2204 : Radiator Key Wrench

For fitting the captive nuts connecting the regulating valve to the radiator.
18 mm square drive.
Forged steel.

Description	Kg	Ref.
Wrench : Ø 3/8" - 1/2" - 3/4"	0,175	220460
Wrench : Ø 3/8" - 1/2" - 3/4" - 1" - 1.1/4"	0,315	220465



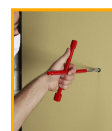
2204 : 4 way sanitary cross wrench

Very easy to use, fast and efficient.

External hexagon 10, 12, 17, 22 mm: suitable for radiator valves and lockshields 3/8', 1/2', 3/4', 1'.

Internal thread M8, M10, M12: suitable for hanger bolts and studs.

Size mm	Kg	Ref.
220 x 220 x 33	0,565	220470



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1 ■ GENERAL PURPOSE TOOLS / TIGHTENING

RATCHET WRENCH

3103 : Flexible Head Ratchet Wrench 8-17 mm

Advantages

Accessibility:

180° flexible head and 15° angle fork

Speed:

Ratchet wrench with a 5° recovery angle.

Comfort:

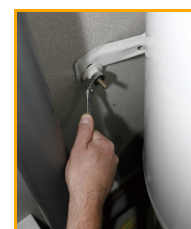
12-sided profile eye: easy positioning on the nut

Wrench ideal for tightening operations in difficult to access locations.

The set contains the most frequently used dimensions: 8, 9, 10, 11, 12, 13 and 17 mm.

Delivered in a storage case.

Dimensions indicated on the case enabling quick selection and easy storage.



Number of wrenches	A mm	Size mm	Kg	Ref.
7	8 - 9 - 10 - 11 - 12 - 13 - 17	190 x 82 x 35	0,630	310325



3103 : 4 in 1 ratcheting wrench

Advantages

- Practical:**
2 wrenches = 8 sizes: 8, 10, 12, 13, 16, 17, 18, 19 mm.
- Comfort:**
Reverse lever.
- Speed:**
Ratchet wrench with a 5° recovery angle.

Save weight and space. Ideal for mobile maintenance.

Ref. 310330: Supplied in reusable textile pouch.



1



Number of wrenches	A mm	Size mm	Kg	Ref.
2	8 - 10 - 12 - 13 - 16 - 17 - 18 - 19	-	0,460	310330
1	8 - 10 - 12 - 13	150 x 25 x 17	0,095	310331
1	16 - 17 - 18 - 19	230 x 34 x 22	0,245	310332



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1 ■ GENERAL PURPOSE TOOLS / TIGHTENING

3104: 41 pieces set - 1/4" compact sockets, 1/4" bits

Advantages

The Essential: 41 tools for a maximum of applications.
 3 functions ratchet for all situations.
 Easy access to nuts with a compact ratchet/socket assembly.
 Precise work on all type of screws.
 A strong and compact box.

3 functions ratchet: Precise and strong 72 teeth ratchet, 5° increment. Reverse with lever. 1 ratchet side for sockets. 1 ratchet side for bits. 1 middle position for T-handle use.

10 compact sockets (5,5 to 14 mm) assembled directly in the ratchet head. Ratchet + socket are extremely compact to access nuts in tight spaces.

134 mm magnetic extension with locking system. Practical: the screw is magnetized on bit. Locking system avoids accidental fall of bit. Easy access in tight spaces.

Spinner with bi-material plastic handle for an optimum comfort.

26 bits with color code for all screw tips: Phillips®: PH1-2-3 ; Posidriv®: PZ1-2-3 ; Flat: 3,5-4,5-6,5-8 mm ; 6 points: 2-2,5-3-4-5-6-7-8 mm ; Torx: TX9-10-15-20-25-27-30-40. Easy identification of the tip with the color code of the bit. 1 color per tip.

Bi-material box: 1200 x 1200 stitck fabric combines flexibility and resistance. Vinyl is waterproof and easy to clean: ideal for wet and dirty construction sites. Double zip for an easy opening/closing. Easy to store thanks to the compact box.

Bicolor foam tray: holds tools when box is upside down and see missing tools.



Description	Size mm	Kg	Ref.
41 pieces set	185 x 110 x 54	0,690	310400
3 functions ratchet (only)	140 x 30 x 15	0,090	310401



3104: 51 pieces set - basin wrench, go-thru sockets, 1/4" bits

Advantages

The Plombi'box®: 51 tools special plumbing in 1 single set.
Special wrench for nuts under sink.
Easy access on nuts on long threaded rods.
Quick and precise work on all type of screws.
Strong and handy box.

Special wrench for nuts under sink: compact design to reach awkward nuts under sink. Hollow arm and end socket to avoid obstruction by threaded rods. Size 13 mm on wrench + 6 sockets (9, 10, 11, 12, 14 et 17 mm).

Precise and strong 72 teeth ratchet, 5° increment. One 75 mm extension for difficult access. 13 go-thru sockets (10 to 19, 21, 22, 24 mm) which are assembled directly in the head of the ratchet = very compact. Suitable for nuts on long threaded rods: bolts for water heater support, basin support, WC support, Air conditioning support, Müpro rails, sprinkler collars,...

Magnetic bit holder with locking system. Practical: the screw is magnetized on bit. Locking system avoids accidental fall of bit. Quick tightening with a drill bit machine.

Spinner with bi-material plastic handle for an optimum comfort.

26 bits with color code for all screw tips: Phillips®: PH1-2-3 ; Posidriv®: PZ1-2-3 ; Flat: 3,5-4,5-6,5-8 mm ; 6 points: 2-2,5-3-4-5-6-7-8 mm ; Torx: TX9-10-15-20-25-27-30-40. Easy identification of the tip with the color code of the bit. 1 color per tip.

Bi-material box: 1200 x 1200 stitck fabric combines flexibility and resistance. Vinyl is waterproof and easy to clean: ideal for wet and dirty construction sites. Double zip for an easy opening/closing. Easy to carry with the handle.

Bicolor foam tray: holds tools when box is upside down and see missing tools.



1



Description	Size mm	Kg	Ref.
51 pieces set	325 x 230 x 63	2,070	310410
72 teeth ratchet (only)	140 x 30 x 15	0,195	310402
Magnetic bit holder with locking system	85 x 15 x 15	0,035	310403



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1 ■ GENERAL PURPOSE TOOLS / TIGHTENING

3104 : Sanibox set - 7 essential tools for sanitary installations

Advantages

The Sanibox: 7 essential tightening tools for all sanitary installations in strong and handy box.

Set includes :

1 adjustable wrench with reversible jaw (017031) : the two-in-one tool. High quality reversible jaw, with one serrated side for tightening and loosening pipes and damaged nuts, and one smooth side for usual work.

1 plier wrench (011207) : fast adjustment and flat jaw screwing and tightening tool, a perfect combination of slip-joint pliers and adjustable wrench.

2 ratcheting wrenches 4 in 1 (310331 and 310332) : 8 sizes (8, 10, 12, 13, 16, 17, 18, 19 mm). Save weight and space.

1 mini six-bit screwdriver (342521) : all the bits (0,8x5 - 1x7 - PZ1 - PZ2 - PH1 - PH2) are stored in the handle for safe-keeping. Magnetic bit holder.

1 large-capacity plumbing wrench (011324) : ideal for tightening and loosening large nuts in difficult-to-reach locations. rounded jaws suitable for sanitary installations (traps, couplers, etc.). supplied with plastic jaws.

1 universal wrench for toilet lid (220510) : universal tool for butterfly nut for installing and removing toilet lids with most fixing systems.

Bicolor foam tray: holds tools when box is upside down and see missing tools.



Description	Size mm	Kg	Ref.
Coffret Sanibox 7 outils de serrage	325 x 230 x 63	1,940	310420

UNIVERSAL WRENCH

2205 : Universal wrench for toilet lid

Advantages

Central articulation for easier tightening/loosening.
Small footprint for use in tight spaces.

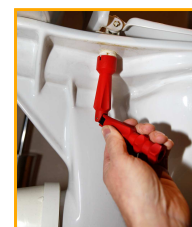
Universal tool for butterfly nut for installing and removing toilet lids with most fixing systems.

Optimised handle for a good grip.

Very easy to use, fast and efficient.



Size mm	Kg	Ref.
200 x 30 x 30	0,070	220510



2615 : Universal Key Wrench

Advantages

Made in **zinc moulded** under pressure for **high strength and light weight**.

Multiple pattern four-way wrench, with optimized size and ergonomics.

Minimum dimension for a maximum solution.

The indispensable tool for your projects, 3 models, 3 solutions, suited for maintenance, repairs and installation work.

Electrical universal key wrench with 6 bits : electrical cabinets, sanitary installations, A/C, radiator bleeding.

Construction universal key wrench with 6 bits : service shafts, inspection hatches, radiator bleeds, sanitary installations, buildings (door and window handles).

Universal multifunction key wrench with 12 patterns : service shafts, gas and electricity meters, A/C, buildings (door and window handles), radiator bleeds. Wrench fitted with a square bit, fastened to the spring hook by a magnet system.



Description	Composition	Kg	Ref.
Electrical universal key wrench	Plat 1X7mm, PH2 , hexagonale 1/4" , carré 5 à 8mm, triangle 9 mm, pic 3-5 mm.	0,880	261502
Construction adjustable key wrench	Plat 1X7mm, PH2 , hexagonale 1/4" , carré 5 à 8 mm, triangle 9 mm, étagé 6 à 9 mm.	0,880	261501
Multifunction universal key wrench	Carré 5 à 10 mm, triangle 7 à 9 mm, hexagonale 1/4", pic 3-5 mm, demi-lune 6 mm, étagé 6 à 10 mm.	0,255	261500

SANICROM WRENCH

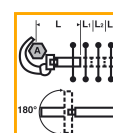
2614 : Sanicrom® Basin Wrench

Basin wrench for nuts and connections on washbasins, bathtubs, sinks or bidets.

2 interchangeable jaws.

Designed for tightening and loosening in difficult-to-reach locations.

Self-tightening jaw design.



Composition	Nut size across flats " (A)	Nut size across flats mm (A)	L mm	Kg	Ref.
with small jaw	1.1/2	38	210	0,570	261400
with 2 different jaws fitting onto the same wrench	1.1/2 - 2	38 - 50	210	0,715	261410



Virax, French manufacturer

In its Production Centre extending over more than 20,000 m² situated in Epernay, France, Virax manufactures tools and machines designed by its R&D Center to meet the requirements of professionals. Plasturgy, machining, milling, grinding, assembly and painting, all these activities are performed on site for manufacturing control and quality.

1 ■ GENERAL PURPOSE TOOLS / TIGHTENING

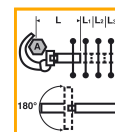
2614 : Reversible Sanicrom® Basin Wrench

For nuts and connections on washbasins, bathtubs, sinks or bidets.

Direction of rotation reversed by pivoting the jaw without removing it from the tool.

Designed for tightening and loosening in difficult-to-reach locations.

Self-tightening jaw design.



Nut size across flats " (A)	Nut size across flats mm (A)	L mm	Kg	Ref.
1.1/2	38	240	0,565	261420

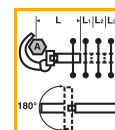
2614 : Telescopic Sanicrom® Basin Wrench

Basin wrench with 4-position telescopic handle for nuts and connections on washbasins, bathtubs, sinks or bidets.

Min length: 280 mm, - L1: 340 mm, - L2: 400 mm, - L3: 460 mm.

180° pivoting fixed and moving jaw assembly mounted on the end of the handle.

Return spring holds the jaw in place.



Nut size across flats " (A)	Nut size across flats mm (A)	Kg	Ref.
3/8 - 1.3/8	10 - 36	0,795	261450
1.3/8 - 2.1/2	36 - 65	0,955	261460

2614 : Basin Wrench

Advantages

Manoeuvrable:

Compact design for reaching awkward nuts.

Fits most taps.

Practical:

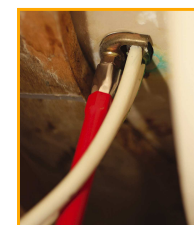
Hollow arms and end fittings to avoid obstruction by threaded rods.

For tightening and loosening tap nuts. Hollow arms, 25 cm long. Hollow end fittings for 13 mm hexagonal nuts.

Removable jaw, adjustable up to 32 mm - 1.1 / 4, for screws or fittings sinks, bathtubs, sinks or bidets.

Removable jaw, adjustable up to Ø 32 mm - 1.1 / 4, for screws or fittings sinks, bathtubs, sinks or bidets.

Other end fittings provided: 9, 10, 11, 12, 14, 17 mm.



Description	Nut size across flats mm (A)	Kg	Ref.
Basin wrench + 6 end fittings + jaw	9 - 10 - 11 - 12 - 13 - 14 - 17 - 32	0,500	261470
6 end fittings	9 - 10 - 11 - 12 - 14 - 17	0,090	753270
Jaw	32	0,150	753750

PLUG WRENCH

2616 : Plug Wrench

Advantages

Detachable head:

Fits most drainage plugs.

M8 and M10 threads for fitting studs.

Essential accessory for our basin wrenches (2614), to hold the drain plug in place while tightening or loosening the nut.

Wrench: M8 and M10 threads for fitting double-end studs.

Description	Kg	Ref.
Wrench and head	0,735	261620



1

CARPENTERS PENCIL

2627 : Carpenter's Pencil

Professional quality pencil with a very hard lead, suitable for writing on all materials.

Contents	Kg	Ref.
12 carpenters pencils	0,155	262700



LEVEL

2631 : Compact Tubular Level

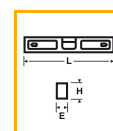
Shock-resistant mini-level with ABS casing and shock-proof grips.

Magnetized surface for easier work on metallic materials.

V-shaped sole plate to adapt to tubes.

Accuracy: 0.8 mm/m.

Length: 23 cm.



L mm	H mm	E mm	Kg	Ref.
230	38	18	0,085	263125

1 ■ GENERAL PURPOSE TOOLS / TIGHTENING

2631 : Tubular Vial Level / Trapezoid Level

Advantages

Easy vertical levelling: front or side "double view" reading.

High quality: lifetime guarantee, UV protected, one-piece vials (shock resistant).

Optimum 0.5 mm/m accuracy.

Easy front level reading with the "**dual view**" system and its 45° mirror.

Magnetized surface for easier work on metallic materials.

Optimum 0.5 mm/m accuracy thanks to top range one-piece vials (shock resistant), **lifetime guaranteed** with inside permanent engraved level line.

The vials are treated against UV radiation to prevent fading by sunlight.

Tubular vial level:

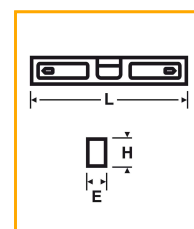
High quality in aluminium profiles with **2 machined sole plates**.

Grips with shock-proof coating for protection in case of fall.

Trapezoid level:

High quality trapezoid-shaped in cast aluminium.

Shock absorbing pads allow to adjust the level with a hammer without risk of damaging the product.



Description	L mm	H mm	E mm	Kg	Ref.
Tubular vial level	500	60	25	0,530	263120
Trapezoid level	500	46	20	0,440	263122



2631 : Level with 2 in 1 centre distance

Advantages

Special plumbing: designed for accurate alignment of wall-mounted fixtures.

2-in-1: 3 vials for classical use as a spirit level.

Handy: supplied in reusable storage bag.

Standardized centre distance level, for accurate horizontal and vertical levelling of wall-mounted fixtures.

2 **removable** calibres, with vials, double thread 3/8" and 1/2".

Standardized **dimensions:** 90 – 110 – 120 – 140 – 150 – 160 – 180 – 200 – 220 mm.

Can be used as a classical level with its **3 vials** (horizontal, vertical, 45°).

Length 50 cm

Optimum 0.5 mm/m **accuracy** thanks to top range shock resistant, **lifetime guaranteed vials**, with inside permanent engraved level line.

The vials are treated against UV radiation to prevent fading by sunlight.

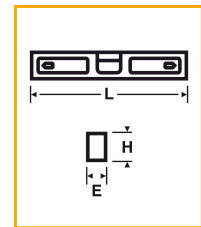
Reinforced shock resistant end pieces, 2 fastening holes.

High quality aluminium profile.

Supplied with:

- 2 removable calibres.

- Storage pouch.



Description	L mm	H mm	E mm	Kg	Ref.
Level with 2 in 1 centre distance	500	50	23	0,580	263150

HEXAGON SOCKET SCREW KEY SET

3114 : Set of 9 hexagonal keys

Advantages

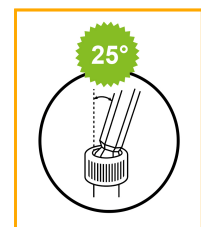
Spherical head: suitable to handle screws with an angle up to 25°.

Set of 9 long hexagonal keys with spherical head. Delivered on plastic holder.

For hexagonal socket screw.

Easy identification: sizes stamped on keys and on holder.

Sizes: 1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10 mm.



Number of keys	A mm	Kg	Ref.
9	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8 - 10	0,335	311458



Make the most of your talent

1 ■ GENERAL PURPOSE TOOLS / TIGHTENING

REDUCING PLIERS

3350 : Reducing Pliers

The blades inter-penetrate to form a fold on the periphery of the pipe, reducing its diameter, and allowing consistent slotted joints to be easily formed in all types of pipe (smoke and gas, extraction, ventilation, dust extraction, rainwater downpipes, etc.).

Accurate adjustment is obtained by varying the pressure on the handles.

Insulating polypropylene grips. Case-hardened blades and pins.



Type	Capacity mm	L mm	Kg	Ref.
Short model	35	245	0,490	335000
Long Model	52	265	0,750	335010

SCREWDRIVER

3418 : Magnetic screwdrivers

Advantages

Magnetic tip securing the screw, for comfortable and fast screwing.

Graded shank, handy for quick measuring.

Shank in silicon carbon steel for greater torsional strength.

quick rotation between thumb and index.

non-slip with high resistance to cold, impact, abrasion, solvents, and hydrocarbons.

sliding thrust zone.

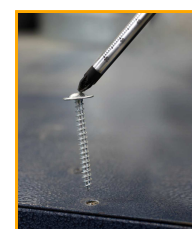
Integral grip moulded directly onto the shank with dual opposite flats.

Hexagon nut for easier unlocking of jammed screws using a wrench (not supplied).

ribbed for better locking in the screw head.

Complies with the ISO 8764, ISO 2380 and EN 60900 standards (ref. 341806 1000V insulated screwdriver) guaranteeing **secured** use.

Supplied in reusable **textile pouch** (set of 8 screwdrivers, ref. 341820).



Description	Kg	Ref.
Set of 8 magnetic screwdrivers (341801 to 341808) in textile pouch	0,900	341820
Magnetic screwdriver PZ2 x 38 - 106 mm	0,063	341801
Magnetic screwdriver 5.5 X 38 - 106 mm	0,058	341802
Magnetic screwdriver PZ1 X 100 - 209 mm	0,083	341803
Magnetic screwdriver 5.5 X 100 - 209 mm	0,078	341804
Magnetic screwdriver 6.5 X 150 - 259 mm	0,108	341805
1000V insulated screwdriver 3 X 80 - 170 mm	0,043	341806
Magnetic screwdriver PZ2 X 100 - 209 mm	0,096	341807
Magnetic screwdriver 8 X 150 - 269 mm	0,155	341808

3425 : Seven-Bit Screwdriver

All the bits are stored in the handle for safe-keeping and immediate availability. Very compact. Long bit-holder for difficult-to-reach screws. Fully machined tips. Magnetic bit holder. Large diameter handle: Very efficient tightening and loosening action. Excellent grip. Impact and torsion-resistant.

Total length: 185 mm.

Bits length: 35 mm.

Bit	Kg	Ref.
0.8 x 5; 1 x 7; 2.5 x 8; PZ1; PZ2; PH1; PH2	0,210	342501
Torx T10; T15; T20; T25; T27; T30; T40	0,202	342511



1

3425 : Mini Six-Bit Screwdriver

All the bits are stored in the handle for safe-keeping and immediate availability. Very compact. Magnetic bit holder.

Total length: 95 mm.

Bits length: 15 mm.

Bit	Kg	Ref.
0,8 x 5; 1 x 7; PZ1; PZ2; PH1; PH2	0,092	342521



SQUARE

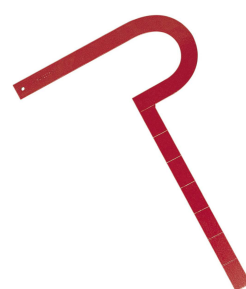
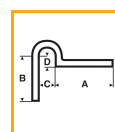
2206 : Square

Ref. 220610/220620:

For measuring the squareness of pipe flanges prior to welding.

Ref. 220630:

Used to copy angles.



Type	A mm	B mm	C mm	D mm	Kg	Ref.
Flange square	380	250	90	60	1,000	220610
Flange square	530	460	170	110	1,660	220620
Bevel square	500	500	-	-	0,950	220630
Right-angle square	500	290	-	-	1,090	220640



Virax and the environment

Virax is committed to environmental protection and sustainable development, as demonstrated by our ISO certification 14001: 2015 for our environmental management system.

Compliance with the REACH Directive no.1907/2006.

Low energy consumption.

Dematerialisation of documentary flows and printing control.

Waste control and reclaiming.

Packaging materials recycled in a partnership with Eco Emballage.

Anticipation of pollution risks.

1 ■ GENERAL PURPOSE TOOLS / TIGHTENING

MEASURING TAPE

3717 : Measuring Tape

New range of sturdy tape measures with bi-material stainless steel / rubber casing for optimum resistance to shock and easy grip.

Precision class: II.

Graduation front / back. Anti-reflective tape.

Hook fastened by 3 rivets on 16 mm wide tape and 4 rivets on the 25 mm tape, for heavy use.

Very sturdy. Shock resistant thanks to its bi-material chrome/rubber casing. Excellent handling.

Locking button for maximum comfort of use.

Built-in belt clip.



L tape m	w tape mm	Kg	Ref.
3	16	0,150	371741
5	25	0,290	371742

3717 : Display of Measuring Tapes

Counter display.

Display of :	Tape dimensions	Kg	Ref.
20	3 m x 16 mm	3,070	371744
10	5 m x 25 mm	3,110	371745



FITTING BAR

2203 : Fitting Bar

For tightening nipples on cast iron radiators from inside. 18 mm square drive.

Flat for engaging with the internal tabs of the nipple.

Centring guide (1.1/4") . Can be used with ratchet.



For nipples	L mm	Kg	Ref.
1" - 26 x 34 mm	500	0,810	220305
1" - 26 x 34 mm	800	1,215	220308
1" - 26 x 34 mm	1000	1,500	220310
1.1/4" - 33 x 42 mm	500	1,400	220315
1.1/4" - 33 x 42 mm	800	2,120	220318
1.1/4" - 33 x 42 mm	1000	2,850	220320



Virax, French manufacturer

Virax is located in Epernay, the Champagne capital, and was founded more than 100 years ago with the launch of its famous "Virax threader", the threader that "Turns around the Axis". Today, the production facility covers more than 20,000 m².



CUTTING



 **virax**



**PC 42
PIPE CUTTER**
215042



96 similar reviews

2 ■ CUTTING / SAWING / CORE DRILLING / REAMING / GAUGING

	HACKSAW FRAME	44		PLASTIC-COMPOSITE PIPE CUTTER	57
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2 ■ CUTTING / SAWING / CORE DRILLING / REAMING / GAUGING

HACKSAW FRAME

0490 : Hacksaw frame

For 300 mm blades.

Hacksaw Frame (049000): 4 blade positions.
Supplied with HSS bi-metal blade (12 teeth/cm).

Hacksaw Frame With Finger-Protecting Closed Grip (049050): 3 blade positions.
Spare blade storage in the upper frame.
Supplied with HSS bi-metal blade (12 teeth/cm).

Mini Hacksaw Frame(049070): Special grip for use where standard hacksaw cannot reach.
Supplied without blades.



Description	Size mm	Kg	Ref.
Hacksaw frame	500 x 125	0,590	049000
Hacksaw Frame With Finger-Protecting Closed Grip	425 x 130	0,630	049050
Mini Hacksaw Frame	105 x 80	0,050	049070

SAW BLADE

0430 : HSS Saw Blade

New High speed and precise HSS bi-metal saw blade:

- 18 teeth or 24 teeth per inch : blade perfect for steels, but also aluminium, stainless steel, PCV or wood, high thickness (18 TPI) or medium thickness (24 TPI)
- 32 teeth per inch : blade perfect for copper, but also aluminium and stainless steel, small thickness.

Overheating resistance: high longevity.

Flexible blade to be able to cut in difficult to access locations.



Use	Number of teeth per "	Number of teeth per cm	Recommended thickness mm	L mm	Packaging	Kg	Ref.
Steel	18	8	6-25	300	100	1,740	043008
Steel	24	10	3-6	300	10	0,174	043004
Steel	24	10	3-6	300	100	1,740	043010
Copper	32	12	1-3	300	10	0,174	043006
Copper	32	12	1-3	300	100	1,740	043012



Virax is committed to WEEE management

As a manufacturer, Virax has established a process for the recovery of Waste Electrical and Electronic Equipment (WEEE) in accordance with European Directive 2012/19/EU. Virax organises the management and recycling of WEEE at end-of-life, as part of its commitment to the environment.

RECIPROCATING SAW BLADE

0460 : Pack of 5 HSS Bi-Metal Reciprocating Saw Blades

High-performance blades suitable for bevel cuts. Blades fit the majority of sabre saws currently available on the market.



2

Use	Length x width x thickness, mm	Length x width x thickness, "	Number of teeth per inch	Number of teeth per cm	Kg	Ref.
Nail-embedded wood, metal 3-10 mm, PCV	150 x 19 x 0,9	6 x 3/4 x 0,035	10	4	0,090	046002
Metal 3-10 mm, stainless steel 2-4 mm, Aluminium 3-10 mm	150 x 19 x 0,9	6 x 3/4 x 0,035	14	6	0,092	046004
Nail-embedded wood, metal 4-10 mm, stainless steel 4-10 mm	225 x 25 x 1,6	9 x 1 x 0,063	6-10	2/4	0,360	046010
Metal 3-10 mm, PCV, pallet	200 x 19 x 0,9	8 x 3/4 x 0,035	10	4	0,588	046011
Metal, nail-embedded wood, Aluminium, PCV 6-63 mm	300 x 19 x 1,3	12 x 3/4 x 0,050	6-10	2/4	0,280	046014



2 ■ CUTTING / SAWING / CORE DRILLING / REAMING / GAUGING

CORE DRILL

0501 : V 150+ Core Drill and Support Stand

Advantages

For wet and dry / raised hand or support stand core drilling.

3-speed motor with progressive start.

Triple protection for the motor for long life and user safety.

Quick, tool-free attachment to the support stand.

Core drill:

Hand core drilling facilitated:

1900 W motor with triple protection.

- Electronic (in the event of overload on the motor) with alert light in the trigger,
- Thermal (in the event of overheating),
- Mechanical (axis decoupling if the core bit locks).

3 speeds: 550/1250/2700 tr/min (rotation under load).

Ready to use : the water and dust aspiration end pieces are built-in.

UNC connection 1.1/4", 1/2".

PRCD protection switch.

Support stand:

Aluminium column support stand and reinforcement bars to minimise vibration.

Drilling over the full height of the stand (scale in mm); Can be tilted from 0° to 45°.

Adjustable brake; Stop button; easy positioning of the V150+.

Practical: centring indicator and built-in level.

Maximum stability: base with 4 adjustment nuts, can be used fixed by anchor spindle or with vacuum pump

Right/left movement lever, movable without tools.

Dimensions (L x w x H): 350 x 250 x 1110 mm.



Description	Power W	Kg	Ref.
V 150+ Motor and support stand	1900	19,500	050110
V 150+ Support stand	-	13,000	050111
V 150+ Motor	1900	6,500	050116
V 150+ Motor and support stand + Core bit Ø 127 mm	1900	23,200	990022
V 150+ Motor and support stand + Core bit Ø 127 mm + Manual water pump + Centring bit	1900	30,200	990023

Capacities

Wet drilling for reinforced concrete, abrasive materials, etc.:

- Raised hand: Ø max 82 mm,
- On support stand: Ø max 152 mm.

Dry drilling for brick, breeze block, hollow materials:

- Raised hand: Ø max 200 mm (requires the use of the centre bit ref. 050158),
- On support stand: Ø max 152 mm.

Delivered with

Core drill:

Side handle,

2 flat wrenches (SW 32 and SW 41),

Sprinkler mechanism with bearing tap - Dust suction mechanism,

Plastic transport case.

Support stand:

Ready to use attachment set (anchor spindle, reusable pegs for attachment in breeze block, non reusable pegs for attachment in concrete).

Delivered without core bit.

Tips

The use of a water and dust vacuum (ref. 050157) is strongly recommended for dry core drilling.

0501: V 250 Core Drill and Support Stand

Advantages

For wet core drilling on support stand.

Powerful 2-speed motor for **frequent use**.

Quadruple protection for the motor for long life and user safety.

1 single support stand for the 2 core drills V 250 and V 350.

Core drill:

2500 W motor with triple protection:

- Electronic (in the event of overload on the motor) with alert light in the trigger,
- Thermal (in the event of overheating),
- Mechanical (axis decoupling if the core bit locks).

Fourth protection for the motor and gears thanks to an oil pumping system that enables permanent lubrication.

2 speeds: 360/850 rpm (rotation under load).

UNC connection 1.1/4".

PRCD protection switch.

Support stand:

Aluminium column support stand and reinforcement bars to minimise vibration.

Drilling over the full height of the stand (scale in mm); Can be tilted from 0° to 45°.

Adjustable brake; Stop button; easy positioning of the V150+.

Practical: centring indicator and built-in level.

Maximum stability: base with 4 adjustment nuts, can be used fixed by anchor spindle or with vacuum pump

Right/left movement lever, movable without tools.

Wheels and handle to facilitate transport.

Dimensions (L x w x H) : 538 x 330 x 1110 mm.



Description	Power W	Kg	Ref.
V 250 motor and support stand	2500	32,500	050120
V 250 / V 350 support stand	-	22,000	050121
V 250 motor	2500	10,500	050126

Capacities

Wet drilling on support stand for reinforced concrete, abrasive materials, bricks, breeze block, etc. up to Ø 250 mm.

Delivered with

Core drill:

2 flat wrenches (SW 32 and SW 41),
Sprinkler mechanism with bearing tap.

Support stand:

Ready to use attachment set (anchor spindle, reusable pegs for attachment in breeze block, non reusable pegs for attachment in concrete).
Delivered without core bit.

Tips

The use of a water and dust vacuum (ref. 050057) is strongly recommended for dry core drilling.



100% guarantee for 2 years

Virax guarantees all its products for 2 years at 100%, excluding consumables and batteries, and excluding abuse or product modified.

2 ■ CUTTING / SAWING / CORE DRILLING / REAMING / GAUGING

0501 : V 350 Core Drill and Support Stand

Advantages

For wet core drilling on support stand.

Powerful 3-speed motor for **intensive use**.

Quadruple protection for the motor for long life and user safety.

1 single support stand for the 2 core drills V 250 and V 350.

Core drill:

3000 W motor with triple protection:

- Electronic (in the event of overload on the motor) with alert light in the trigger,
- Thermal (in the event of overheating),
- Mechanical (axis decoupling if the core bit locks).

Fourth protection for the motor and gears thanks to an oil pumping system that enables permanent lubrication.

3 speeds: 230/500/1030 rpm (rotation under load).

Additional handle for easy transport and assembly.

UNC connection 1.1".

PRCD protection switch.

Support stand:

Aluminium column support stand and reinforcement bars to minimise vibration.

Drilling over the full height of the stand (scale in mm); Can be tilted from 0° to 45°.

Adjustable brake; Stop button; easy positioning of the V150+.

Practical: centring indicator and built-in level.

Maximum stability: base with 4 adjustment nuts, can be used fixed by anchor spindle or with vacuum pump

Right/left movement lever, movable without tools.

Wheels and handle to facilitate transport.

Dimensions (L x w x H) : 538 x 330 x 1110 mm.



Description	Power W	Kg	Ref.
V 350 motor and support stand	3000	33,700	050130
V 250 / V350 support stand	-	22,000	050121
V 350 motor	3000	11,700	050136

Capacities

Wet drilling on support stand for reinforced concrete, abrasive materials, bricks, breeze block, etc. up to Ø 350 mm.

Delivered with

Core drill:

2 flat wrenches (SW 32 and SW 41),
Sprinkler mechanism with bearing tap,
Additional handle for transport and assembly.

Support stand:

Ready to use attachment set (anchor spindle, reusable pegs for attachment in breeze block, non reusable pegs for attachment in concrete).
Delivered without core bit.

Tips

All wet core drilling accessories are available in the Virax range.



Virax is on Facebook!

@viraxofficial

CORE DRILL ACCESSORIES

0535 : Diamond Core Bit

Advantages

- For wet core drilling** for reinforced concrete and abrasive materials.
- For dry core drilling** on breeze block, brick and non-abrasive materials.
- Cold segment fusion for **extreme tear strength**.

Segment composition specially optimised both for dry core drilling on abrasive materials and wet core drilling on non-abrasive materials.

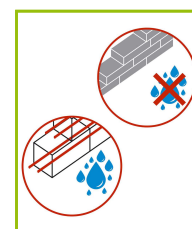
For fast starting upon the 1st use: tip segments (Ø 25 – 250 mm) or with release sphere (Ø 300 – 350 mm).

Segments welded by cold fusion: extreme tear strength and 100% segment used.

Re-segmentable core bit.



2



Ø mm	Connection "	Kg	Ref.
25	1/2	0,420	053502
30	1/2	0,560	053504
40	1/2	0,750	053506
52	1.1/4	1,120	053508
62	1.1/4	1,330	053510
72	1.1/4	2,080	053512
82	1.1/4	2,190	053514
92	1.1/4	2,800	053516
102	1.1/4	2,850	053518
112	1.1/4	3,220	053520

Ø mm	Connection "	Kg	Ref.
127	1.1/4	3,750	053522
132	1.1/4	3,900	053524
152	1.1/4	4,560	053526
162	1.1/4	5,720	053528
182	1.1/4	6,490	053530
200	1.1/4	7,200	053532
225	1.1/4	9,040	053534
250	1.1/4	9,840	053536
300	1.1/4	13,440	053538
350	1.1/4	22,150	053540

Capacities

Ø 25 to 350 mm.
Useful length 430 mm.
Segment height: 10 mm.

Tips

Respecting usage instructions (providing water for abrasive materials, vacuuming dust for non-abrasive materials) will increase the segments' lifetime.
Virax can re-segment core bits for increased lifetime.

Virax is committed to a new environmental policy



VIRAX is aware of its environmental role, and speeding up its CSR (Corporate Social Responsibility) action plan in order to maintain a sustainable approach.

2 ■ CUTTING / SAWING / CORE DRILLING / REAMING / GAUGING

0501 : Core Drill Accessories

For V 150+ / V 250 / V 350 core drills and support stands.

Check the version of your frame to choose the appropriate accessories.

A complete range of accessories for different core drilling situations:

- . Wet core drilling with vacuum, water retriever and water pump (manual or electric),
- . Dry core drilling with vacuum,
- . Raised hand core drilling with centring bit (from Ø 51 mm),
- . Core drilling with vacuum pump.

Adaptors and extensions for core bits. Adaptors for Hilti® core drills.

Wheels to move the support stand.

Sharpening stone to optimise bits' cutting performance and increase their lifetime.

*Delivered as standard



Description	Ø max. mm	Support stand version	V 150+	V 250	V 350	Kg	Ref.
Seal for water retriever	152	V1	ok	-	-	0,150	050113
Rubber water retriever	132	V1-V2	ok	-	-	0,400	050117
Water retriever + 2 seals V2	200	V2	ok	-	-	2,370	050176
Seal for water retriever V2	200	V2	ok	-	-	0,230	050177
Seal for water retriever	250	V1	-	ok	-	0,300	050123
Water retriever + 2 seals V2	350	V2	-	ok	ok	4,840	050181
Seal for water retriever	350	V2	-	ok	ok	0,550	050182
Rubber water retriever	250	V1-V2	-	ok	ok	0,860	050127
Seal for water retriever	350	V1	-	-	ok	0,600	050133
Support stand cover plate + seal		V1	ok	-	-	0,500	050114
Vacuum base seal		V1	ok	-	-	0,150	050115
Support stand cover plate + seal V2	-	V2	ok	-	-	0,400	050178
Vacuum base seal V2	-	V2	ok	-	-	0,150	050179
Support stand cover plate + seal		V1	-	ok	ok	0,600	050124
Vacuum base seal		V1	-	ok	ok	0,200	050125
Support stand cover plate + seal V2	-	V2	-	ok	ok	0,450	050183
Vacuum base seal V2	-	V2	-	ok	ok	0,075	050184
Wheels for support stand		V1	ok	*	*	1,000	050119
Wheels for support stand V150+ V2	-	V2	ok	-	-	1,200	050180
10 anti-lock washers		-	ok	ok	ok	0,050	050139
Set de fixation			ok	ok	ok	1,100	050141
Adaptateur F/F 1.1/4"-1/2"		-	ok	ok	ok	0,650	050145
Rallonge 1.1/4" x 300 mm		-	ok	ok	ok	3,000	050147

Description	Ø max. mm	Support stand version	V 150+	V 250	V 350	Kg	Ref.
Adaptateur Hilti® DD100-DD130 SDS 1/2"-1.1/4"	-	-	ok	ok	ok	0,420	050155
Aspirateur eau et poussière	-	-	ok	ok	ok	10,000	050157
Foret centrage	-	-	ok	-	-	1,000	050158
Adaptateur Hilti® DD160-DD250 1/2"-1.1/4"	-	-	ok	ok	ok	0,950	050160
Pierre à aviver	-	-	ok	ok	ok	2,000	050175

0500 : Manual Water Pump

For Core Drills:
V 150+ / V 250 / V 350 / V 130 / V 200 / V 300.

Capacity: 10 L.
Max service pressure 6 bar, with safety valve.
Steel tank with polyester coating.

Kg	Ref.
6,000	050049

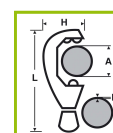


STEEL AND CAST IRON PIPE CUTTER

2101 : Steel / Stainless Steel Pipe Cutter 10-90 mm

For quickly cutting steel (gas- API-etc...) and stainless steel pipes, cleanly and squarely.
Excellent weight distribution giving improved inertia and providing high stiffness.
Thrust ball bearing prevents slider wear and reduces the turning torque of the screw.

Max thickness: 2 mm for stainless steel pipes (thickness > 2 mm)

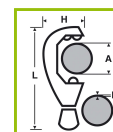


For pipe	A pipe "	A pipe mm	L mm	H mm	E maxi mm	Kg	Ref.
Steel	1/8 - 1.1/4	10 - 42	310	118	5	1,740	210110
Steel	1/2 - 2	21 - 60	400	150	5	3,020	210120
Stainless steel	1/2 - 2	21 - 60	400	150	5	3,020	210125
Steel	3/4 - 3	27 - 90	460	177	5	4,220	210130

2101 : Steel Pipe Cutter 60-114 mm

Max thickness: 7 mm.

Designed for cutting large diameter pipes, it is fitted with a second handle on the side opposite the feed screw allowing it to be operated by 1 or 2 people. For quickly cutting steel pipes (gas, API, etc.) cleanly and squarely. Removable auxiliary handle attaches to adjusting handle to assist operation. Also works on grey cast iron pipes with special cutting wheels fitted (Ref. 210142).



For pipe	A pipe "	A pipe mm	L mm	H mm	E maxi mm	Kg	Ref.
Steel	2 - 4	60 - 114	1030	235	7	9,000	210145

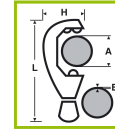
2 ■ CUTTING / SAWING / CORE DRILLING / REAMING / GAUGING

2102 : Grey Cast Iron Pipe Cutter

Max thickness: 7 mm (210210).

Max thickness: 8 mm (210220).

Hardened chrome-tungsten steel cutting wheels mounted in separate sections that can be added or removed to adapt the maximum and minimum diameters to the pipe to be cut. Can also be fitted with cutting wheels for ductile cast iron.

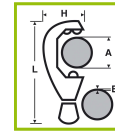


A pipe "	A pipe mm	L mm	H mm	E mm	No. of wheels	Kg	Ref.
2.1/2 - 6	76 - 150	600	200	7	8	6,550	210210
5 - 12	125 - 300	1000	260	8	9	16,390	210220

2102 : Grey Cast Iron Pipe Cutter for grey cast iron

Max thickness: 5 mm.

Hardened chrome-tungsten steel cutting wheels mounted in separate sections that can be added or removed to adapt the maximum and minimum diameters to the pipe to be cut.



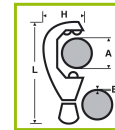
A pipe "	A pipe mm	L mm	H mm	E mm	No. of wheels	Kg	Ref.
2.1/2 - 6	76 - 150	530	235	5	9	3,800	210250

2102 : Ductile Cast Iron Pipe Cutter

Max thickness: 7 mm (210260).

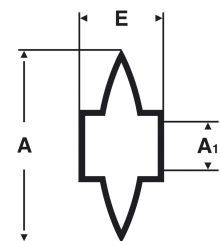
Max thickness: 8 mm (210265).

Can also be fitted with cutting wheels for grey cast iron.



A pipe "	A pipe mm	L mm	H mm	E mm	No. of wheels	Kg	Ref.
2.1/2 - 6	76 - 150	600	175	7	8	6,850	210260
5 - 12	125 - 300	1000	260	8	9	16,500	210265

2101 : Cutting Wheel - Steel and Cast Iron Pipe Cutter



For pipe cutter	Description	A mm	A1 mm	E mm	Packaging	Kg	Ref.
210110 - 210120 - 210130	Steel	32	9	19	5	0,170	210121
210110 - 210120 - 210130	Grey cast iron	30	9	18,75	5	0,170	210122
210145 - 210165	Steel	41	9,55	28	5	0,435	210141
210145 - 210165	Grey cast iron	34	9,55	28	5	0,435	210142
210210 - 210260	Grey cast iron	42	9,6	8	5	0,285	210211
210220 - 210265	Grey cast iron	47	11,1	9,5	5	0,390	210221
210210 - 210260	Ductile cast iron	45	9,6	8	5	0,300	210261
210220 - 210265	Ductile cast iron	50	11,1	9,5	5	0,375	210266
210250	Construction-type grey cast iron	32	9	19	5	0,170	210251

STAINLESS STEEL TUBE CUTTER

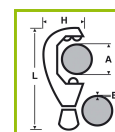
2104 : Stainless Steel Pipe Cutter 6-28 mm

Max thickness: 3.2 mm.

Soft Touch® non-slip knob: good hold in hand.

Quick and tool-less wheel change.

Fold-away reamer blade.



A mm	A " OD	L mm	H mm	E maxi mm	Kg	Ref.
6 - 28	1/4 - 1.1/8	142	55	3,2	0,385	210469

2104 : ZR 35 Stainless Steel Tube Cutter 3-35 mm

Advantages

Soft Touch® non-slip knob, fast action adjustment.

Quick, tool-less wheel change.

4 guide rollers to prevent wheel tracking.

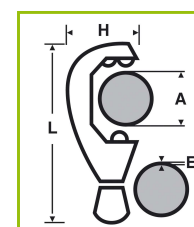
Max thickness: 3.2 mm .

Precise cutting from Ø 3 to Ø 35 mm according to the type of tube.

1 spare wheel.

Retractable rotating reamer with interchangeable blades.

Colour-coded end cap according to the material to be cut.



A mm	A " OD	L mm	H mm	E maxi mm	Kg	Ref.
3 - 35	1/8 - 1.3/8	165	64	3,2	0,450	210471

2 ■ CUTTING / SAWING / CORE DRILLING / REAMING / GAUGING

2104 : Fast Stainless Steel Tube Cutter 6-67 mm

Max thickness: 2,5 mm.

Notched telescopic slide and release button for fast forward and reverse wheel adjustment.

Removable rotary hole deburrer with interchangeable blade.

Cutting wheel with 4 rollers for increased cutting precision.

Spare cutting wheel incorporated within the knob.

Soft Touch® anti-slip knob.

Colour-coded end cap according to the material to be cut.



A mm	A " OD	L mm	H mm	E maxi mm	Kg	Ref.
6 - 67	1/4 - 2.5/8	230	100	2,5	0,820	210483

2104 : Stainless Steel Pipe Cutter 14-54 mm

Max thickness: 3.2 mm.

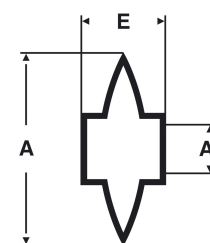
Soft Touch® non-slip knob: good hold in hand.

Quick and tool-less wheel change.



A mm	A " OD	L mm	H mm	E maxi mm	Kg	Ref.
14 - 54	1/2 - 2.1/8	185	79	3,2	0,555	210475

2104 : Cutting Wheel - Deburring Spare Blade - Stainless Steel Tube Cutter



For pipe cutter	Description	A mm	A1 mm	E mm	Packaging	Kg	Ref.
210110 - 210125 - 210130	Cutting Wheel	32	9	19	5	0,168	210123
210392 - 210469 - 210471 - 210475	Cutting Wheel	18,5	4,77	3,15	10	0,038	210360
210392 - 210469 - 210471 - 210475	□Cutting Wheel	18,5	4,77	3,15	1	0,007	210362
210479	Cutting Wheel	24,8	4,85	6,20	1	0,010	210481
210483	Cutting Wheel	24,8	4,80	5,95	1	0,007	210482
210471 - 210483	Deburring Spare Blade	-	-	-	5	0,200	221266

COPPER TUBE CUTTER

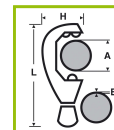
2104 : Mini Copper Tube Cutter 3-28 mm

Max thickness: 2 mm.

Very compact tube cutter. Compact swing radius allows to cut in tight spaces: under washbasin, between 2 tubes, along a wall.

Oval knob : good hold in hand and optimum tightening.

Quick and tool-less wheel change.



2

A mm	A " OD	L mm	H mm	E maxi mm	Kg	Ref.
3 - 16	1/8 - 5/8	53	39	2	0,125	210437
6 - 28	1/4 - 1.1/8	74	51	2	0,220	210439

2104 : Copper Tube Cutter 6-28 mm

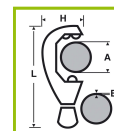
Max thickness: 2 mm.

Soft Touch® non-slip knob : good hold in hand.

Quick and tool-less wheel change.

Equipped with a fold-away reamer blade.

Grooved rollers for cutting tight up against flanges.



A mm	A " OD	L mm	H mm	E maxi mm	Kg	Ref.
6 - 28	1/4 - 1.1/8	142	55	2	0,385	210441

2104 : ZR 35 Copper Tube Cutter 3-35 mm

Advantages

Soft Touch® non-slip knob, fast action adjustment.

Quick, tool-less wheel change.

4 guide rollers to prevent wheel tracking.

Max thickness: 2 mm.

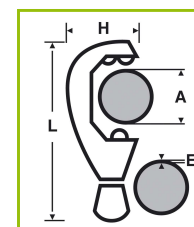
Precise cutting from Ø 3 to Ø 35 mm according to the type of tube.

1 spare wheel.

Retractable rotating reamer with interchangeable blades.

Grooved rollers for **cutting tight up against flanges**.

Colour-coded end cap according to the material to be cut.



A mm	A " OD	L mm	H mm	E maxi mm	Kg	Ref.
3 - 35	1/8 - 1.3/8	165	64	2	0,450	210443

2 ■ CUTTING / SAWING / CORE DRILLING / REAMING / GAUGING

2104 : Display Box of Copper Tube Cutters ZR 35

12 pieces ZR 35 Copper tube cutter display (210443).

Kg	Ref.
5,500	210444



2104 : ZR 42 Copper Tube Cutter 6-42 mm

Advantages

- Soft Touch®** non-slip knob, fast action adjustment.
- Quick, tool-less** wheel change.
- 4 guide rollers** to prevent wheel tracking.

Max thickness: 2 mm.

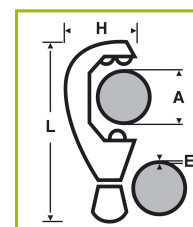
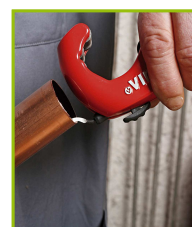
Precise cutting from Ø 6 to Ø 42 mm according to the type of tube.

1 spare wheel.

Retractable rotating reamer with interchangeable blades.

Grooved rollers for cutting tight up against flanges.

Colour-coded end cap according to the material to be cut.



A mm	A " OD	L mm	H mm	E maxi mm	Kg	Ref.
6 - 42	1/4 - 1.5/8	187	76	2	0,515	210445

2104 : Fast Copper Tube Cutter 6-67 mm

Max thickness: 2 mm.

Notched telescopic slide and release button for fast forward and reverse wheel adjustment.

Removable rotary hole deburrer with interchangeable blade.

Cutting wheel with 4 rollers for increased cutting precision.

Spare cutting wheel incorporated within the knob.

Soft Touch® anti-slip knob.

Colour-coded end cap according to the material to be cut.



A mm	A " OD	L mm	H mm	E maxi mm	Kg	Ref.
6 - 67	1/4 - 2.5/8	230	100	2	0,820	210455

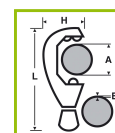
2104 : Copper Tube Cutter 14-54 mm

Max thickness: 2 mm.

Slider-mounted cutting wheel.

Phosphate-coated cutting wheel and rollers.

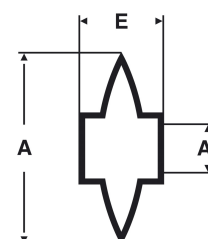
Knob provides excellent grip.



2

A mm	A " OD	L mm	H mm	E maxi mm	Kg	Ref.
14 - 54	1/2 - 2.1/8	183	79	2	0,555	210447

2104 : Cutting Wheel - Deburring Spare Blade - Copper Tube Cutter



For pipe cutter	Description	A mm	A1 mm	E mm	Packaging	Kg	Ref.
210300 - 210310 - 210312 - 210320 - 210335 - 210390 - 210437 - 210439 - 210441 - 210443 - 210445 - 210447	Cutting Wheel	18,5	4,77	3,15	10	0,030	210350
210300 - 210310 - 210312 - 210320 - 210335 - 210390 - 210437 - 210439 - 210441 - 210443 - 210445 - 210447	Cutting Wheel	18,5	4,77	3,15	1	0,010	210352
210451	Cutting Wheel	19	4,85	6,20	1	0,010	210453
210455	Cutting Wheel	18,50	4,80	5,95	1	0,005	210454
210443 - 210445 - 210455	Deburring Spare Blade	-	-	-	5	0,200	221265

PLASTIC-COMPOSITE PIPE CUTTER

2104 : Fast feed 6-65 mm plastic pipe cutter

Max thickness: 8 mm.

For pipes in plastic, composite materials and multilayer.

Notched telescopic slide and release button for fast forward and reverse wheel adjustment.

Removable rotary hole deburrer with interchangeable blade.

Cutting wheel with 4 rollers for increased cutting precision.

Soft Touch® anti-slip knob.

Colour-coded end cap according to the material to be cut.



A mm	A " OD	L mm	H mm	E maxi mm	Kg	Ref.
6 - 65	1/4 - 2.9/16	230	100	8	0,820	210497

2 ■ CUTTING / SAWING / CORE DRILLING / REAMING / GAUGING

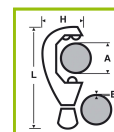
2106 : Plastic pipe cutter 50 -110 mm plastic pipe cutter

Max thickness: 8 mm.

For pipes in plastic, composite materials and multilayer.

Releasable nut for quick fast forward and reverse wheel adjustment.

Fitted with 3 rollers to avoid crushing the pipe.



A mm	A " OD	L mm	H mm	E maxi mm	Kg	Ref.
50 - 110	2 - 4	295	125	8	1,230	210630

2104 : ZR 35 Plastic Tube Cutter 3-32 mm

Advantages

Soft Touch® non-slip knob, fast action adjustment.

Quick, tool-less wheel change.

4 guide rollers to prevent wheel tracking.

Max thickness: 3 mm.

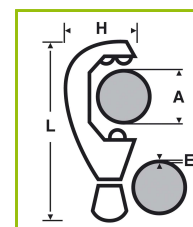
For pipes in plastic, composite materials and multilayer.

Precise cutting from Ø 3 to Ø 32 mm according to the type of tube.

1 spare wheel.

Retractable rotating reamer with interchangeable blades.

Colour-coded end cap according to the material to be cut.



A mm	A " OD	L mm	H mm	E maxi mm	Kg	Ref.
3 - 32	1/8 - 1.1/4	165	64	3	0,450	210487



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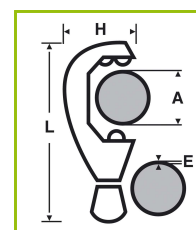
2104 : ZR 42 6-40 mm plastic pipe cutter

Advantages

- Soft Touch®** non-slip knob, fast action adjustment.
- Quick, tool-less** wheel change.
- 4 guide rollers** to prevent wheel tracking.

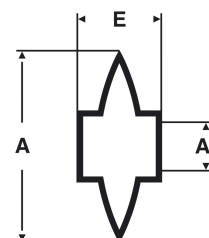
Max thickness: 4 mm.

For pipes in plastic, composite materials and multilayer.
Precise cutting from Ø 6 to Ø 40 mm according to the type of tube.
1 spare wheel.
Retractable rotating reamer with interchangeable blades.
Grooved rollers for cutting tight up against flanges.



A mm	A " OD	L mm	H mm	E maxi mm	Kg	Ref.
6 - 40	1/4 - 1.1/2	187	76	4	0,520	210489

2104 : Cutting Wheel - Deburring Spare Blade - Plastic-composite Tube Cutter



For pipe cutter	Description	A mm	A1 mm	E mm	Packaging	Kg	Ref.
210487 - 210489	□Cutting Wheel	26	4,77	3	1	0,010	210486
210487 - 210489	Cutting Wheel	26	4,77	3	10	0,030	210488
210493	Cutting Wheel	26	4,85	6,20	1	0,010	210495
210610	Cutting Wheel	22	4,77	3	5	0,070	210611
210630	Cutting Wheel	31	8	11	5	0,070	210621
210497	Cutting Wheel	28,70	4,80	5,95	1	0,005	210496
210487 - 210489 - 210497	Deburring Spare Blade	-	-	-	5	0,200	221265



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2 ■ CUTTING / SAWING / CORE DRILLING / REAMING / GAUGING

2114 : Plastic pipe cutter 35 - 40 - 63 mm

Used for quickly cutting PVC, PP, PE, PER, ABS and HDPE pipes.
Ref. 211464: also for multilayer pipes.

Effort-reducing rack system.

Locking catch.

Ref. 211440: non-slip sheathed handle for a better grip.



A mm	A " OD	L mm	H mm	Kg	Ref.
35	1.3/8	198	72	0,260	211435
40	1.1/2	250	135	0,355	211440
63	2.1/2	428	133	1,110	211464

2150 : PC 32 Plastic Tube Cutter up to 32 mm

Advantages

Accuracy: "V" shape blade to enable easy, perpendicular cutting and reduced imprint on the pipe.

Practical: automatic opening: a spring keeps the lower handle open. The pipe cutter is always ready to cut.

Soft Touch® handle: non-slip grip for firm control.

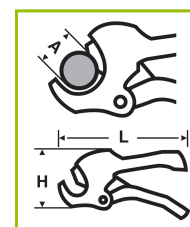
Materials cut: PVC, PE, PER, PEX, flexible plastic pipes (Tricocclair®), sprinkler hoses, irrigation hoses, multilayer.

Locking catch: keeps the lower handle closed: easy storage. No risk of injury.

Ergonomy: the lower handle's special shape is suitable for all hand sizes.



SOFT TOUCH



A mm	A " OD	L mm	H mm	Kg	Ref.
32	1.1/4	198	90	0,195	215032

2150 : Display Box of PC 32 Pipe Cutters

Display containing 12 pipe cutters PC 32 (215032).

Kg	Ref.
2,870	215035



2114 - 2140 : Blade - Plastic-composite Tube Cutter



2

Description	For pipe cutter	Packaging	Kg	Ref.
Blade and rack	211426	1	0,070	211401
Blade and rack	211435	1	0,050	211404
Blade	211440	1	0,060	211405
Blade and rack and springs	211464	1	0,370	211406
Blade	215042	1	0,100	214041
Blade	215050	1	0,110	215041

2150 : PC 42 - PC 50 Plastic Tube Cutter

Advantages

Cutting load reduced by 20%:

The PTFE (polytetrafluorethylene) Teflon coating facilitates blade sliding. On average, the cutting load is reduced by 20% versus with a blade with a typical coating.

Fast cutting:

The patented double ratchet mechanism ensures easy and fast cutting. Blade secured during cutting.

2-in-1 tool:

The built-in chamfering tool allows chamfering PVC tubes before gluing.



The extremely low friction ration of the PTFE (polytetrafluorethylene) Teflon coating facilitates blade sliding. Cutting load reduced by 20%*.

(* - 20% on average on different types of tubes compared to a regular coating).

Material cut: PVC, PP, PE, PER, PEX, ABS, PEHD, CPVC, PPR, PB, multilayer.

Cutting accuracy: the V-shaped blade enables easy, perpendicular cutting.

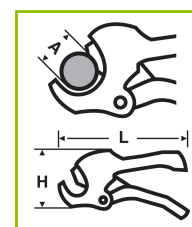
Practical: quick, tool-free blade change.

Soft Touch® handle: non-slip for perfect control.

The shape of the upper arm perfectly guides the blade during cutting.

Integrated wire-cutter: max Ø: 12 mm, max cross section: 4G2.5 mm².

Chamfer angle: 15°.



A mm	A " OD	L mm	H mm	Kg	Ref.
42	1.5/8	238	112	0,525	215042
50	2	248	112	0,545	215050



Virax is ISO 9001, ISO 14001 and ISO 45001 certified

Virax has received multiple awards for excellence in its Quality (ISO 9001 – 2015 version), Environment (ISO 14001 – 2015 version) and Health and Safety (ISO 45001 – 2018 version) management system.

2 ■ CUTTING / SAWING / CORE DRILLING / REAMING / GAUGING

2150 : Display Box of PC 42 - PC 50 Plastic Tube Cutters

215060 : displays containing 6 tube cutters PC 42 (215042).

215061 : displays containing 6 tube cutters PC 50 (215050).



Kg	Ref.
3,820	215060
3,960	215061



GUILLOTINE PIPE CUTTER

2115 : Guillotine Pipe Cutter

Advantages

Practical: Fast opening.

Heavy-duty: Quadruple ground stainless steel blade.

Blade holder: Holds the blade perpendicular to the pipe centerline.

Max thickness: 18 mm.

Material cut: PEHD.

Square drive 14 mm (models 1 and 2) or 17 mm (model 3) across flats.

A wrench or extension can be used for cutting pipes in deep trenches.

Releasing the catch on the hinged lower V-shaped jaw allows the cutter to be positioned anywhere along the pipe.

Stainless steel blade.



Model	Ø ext. tube "	Pipe O.D. mm	SDR	Max. thickness mm	C mm	Kg	Ref.
1	4	125	11	11,4	125	7,470	211512
2	8	225	11,5	18	225	17,000	211522
3	12	315	17	18	323,8	34,000	211532



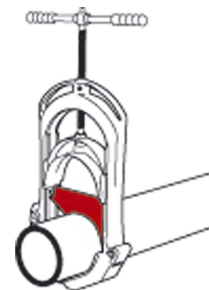
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2115 : Blade - Guillotine Pipe Cutter

Stainless steel blade for Virax guillotine pipe cutter from Ø 125 to Ø 315 mm.

For pipe cutter	Packaging	Kg	Ref.
211512	1	0,290	211501
211522	1	0,720	211502
211532	1	2,090	211503



2

SHEATH-CUTTER

2116 : Corrugated Conduit Cutter Ø 45 mm

Advantages

Cuts corrugated conduits without damaging the pipe inside the sheath, and without risk for the user.

No risk of injury, as blades are in the middle of guides.

Ensures a straight, clean cut.

Very compact cutter, for use in confined spaces.

Cuts PE protective pipe sheaths and most electric cable sheaths up to Ø 45 mm.

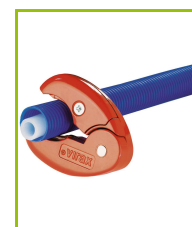
Cuts the corrugation at the top of the groove leaving the pipe inside the sheath intact and free from scratches.

Ultra-resistant body and blade guides.

Very strong, removable, interchangeable stainless steel blades.

2 models / 2 colours to suit all available corrugated conduits on the market.

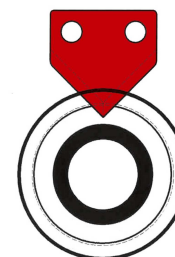
Cut quickly. 1/2 turn is enough.



For corrugations	L mm	H mm	Kg	Ref.
At 2,7 mm centres	85	53	0,290	211627
At 4 mm centres	85	53	0,290	211640

2116 : Blade - Corrugated Conduit Cutter

For Corrugated Conduit	Packaging	Kg	Ref.
211627 - 211640	2	0,008	752653



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2 ■ CUTTING / SAWING / CORE DRILLING / REAMING / GAUGING

HOLE SAW

2209 : Hole Saw Set

Advantages

Virax bi-metal hole saws, with their varying tooth height and gullet size guarantee:

- A fast, regular cut.**
- Low vibration** during cutting.
- Increased durability.**
- Low pressing force.**

For drilling holes in gas pipes to form T-flanges or in partitions made of wood, plasterboard or similar materials for the passage of mild steel, semi-hard steel, stainless steel, lightweight alloy or plastic pipes.



Description	Ø mm	Supplied with	Kg	Ref.
Complete kit - 12-piece hole saw set	16-19-22-25-29-32-35-38-44-51-64-76	2 arbors with Ø 6 mm.pilot drill, 3 spare pilot drills	1,910	220906
Plumbers and electricians kit - 9-piece hole saw set	19-22-29-35-38-44-51-57-64	2 arbors with Ø 6 mm pilot drill, 1 adaptor, 1 spare pilot drill	1,590	220907

2209 : Individual Hole Saws

Advantages

Virax bi-metal hole saws, with their varying tooth height and gullet size guarantee:

- A fast, regular cut.**
- Low vibration** during cutting.
- Increased durability.**
- Low pressing force.**

For accurate drilling of various materials and in particular gas pipes to form welded connections. - HSS bi-metal saw. - HSS teeth of varying height and gullet size.



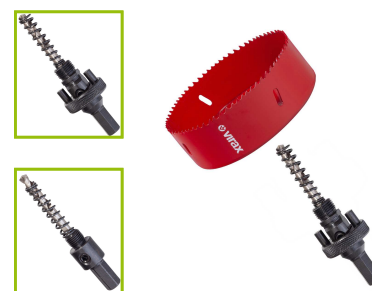
Ø mm	Ø "	H mm	Kg	Ref.
14	5/8	38	0,023	220910
17	11/16	38	0,025	220911
19	3/4	38	0,03	220912
22	7/8	38	0,04	220914
25	1	38	0,05	220916
27	1.1/16	38	0,06	220917
28	1.1/8	38	0,07	220918
32	1.1/4	38	0,075	220920
33	1.5/16	38	0,08	220921
35	1.3/8	38	0,09	220922
38	1.1/2	38	0,065	220924
41	1.5/8	38	0,075	220926
44	1.3/4	38	0,085	220928

Ø mm	Ø "	H mm	Kg	Ref.
48	1.7/8	38	0,1	220930
51	2	38	0,11	220932
54	2.1/8	38	0,125	220934
57	2.1/4	38	0,14	220936
60	2.3/8	38	0,155	220938
63	2.1/2	38	0,17	220940
67	2.5/8	38	0,19	220942
76	3	38	0,23	220948
83	3.1/4	38	0,28	220952
89	3.1/2	38	0,31	220956
102	4	38	0,41	220964
105	4.1/8	38	0,41	220966
127	5	38	0,61	220980

2

2209 : Accessories for Hole Saws

Description	Kg	Ref.
Arbor and pilot drill for saws Ø 14 a 130 mm	0,084	220900
Arbor and pilot drill for saws Ø 32 a 210 mm	0,167	220901
Pilot drill	0,021	220903



SCREW-PUNCH

2211 : Knockout Punch

For cutting stainless steel sinks or mild steel plates 2 mm thick. Special 4-tooth design prevents the blank from sticking.

TIP :

It is important to grease the screw and the back of the head.



Ø mm	Electrical conduit no.	Screw hole	Kg	Ref.
22,50	16	10	0,150	221123
28,30	21	10	0,220	221128
31,75	-	10	0,260	221132
35	-	12	0,310	221135
37	29	12	0,330	221137



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2 ■ CUTTING / SAWING / CORE DRILLING / REAMING / GAUGING

REAMER

2212 : Ratchet Reamer

For steel pipe Ø 1/8" to 2".

Ratchet handle with 18 mm square drive.
5 hardened forged steel cutting blades.

Kg	Ref.
2,250	221220



2212 : Standard Reamer

For copper, HDPE and PVC pipes.

Reamer with non-replaceable blade. For deburring the inside of copper or other pipes, sheet metal edges, etc. Pocket clip.

Packaging	Kg	Ref.
2	0,064	221242



2212 : Internal-External Reamer

For HDPE pipes: **reaming** inner / outer Ø 6 to 40 mm.

For copper pipes: **reaming** inner Ø 6 to 42 mm - **reaming** outer Ø 6 to 40 mm.

Impact and cold resistant polypropylene housing.

Packaging	Kg	Ref.
1	0,115	221250



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2212 : Multi-Material Internal/External Reamer

Advantages

- Reaming of all types of tubes** (copper, stainless steel, aluminium, steel, hard plastics, multi-layer).
- Internal and external reaming of the tube.**
- Precise reaming** (due to its large number of small steel blades).
- Ergonomic** (easy handling, aluminium finish).

For copper, stainless steel, aluminium, steel, hard plastics and multi-layer tubes:
 Ø 8 to 35 mm/ 5/16" to 1.3/8" for 221251,
 Ø 10 to 56 mm/ 1/2" to 2" for 221252.



2



A mm	A " OD	L mm	H mm	Kg	Ref.
8 - 35	5/16 - 1.3/8	48	60	0,210	221251
12 - 54	1/2 - 2	70	85	0,450	221252

2212 : Pencil Reamer with Interchangeable Blade

Advantages

- Possibility of changing the blade when it is worn.**
- Receptacle to store the spare blades.**
- Choice of blade according to the tube type.**

For internal reaming of copper, PVC, PEHD and stainless steel tubes.
 Supplied with 3 blades copper, PVC and PEHD.



Description	Kg	Ref.
Pencil reamer with 3 blades for Cu, PVC and PEHD	0,500	221261
Pack of 5 blades for Cu, PVC and PEHD (black color)	0,200	221265
Pack of 5 blades for stainless steel (golden color)	0,200	221266



Go to www.virax.com

To find a product sheet, a safety data sheet or exploded views,
 Go to our web site.

2 ■ CUTTING / SAWING / CORE DRILLING / REAMING / GAUGING

2212 : Deburrer holder for screwdriver

Advantages

- Fast: up to 250 rpm for efficient deburring
- Robust: an aluminum clamping ring
- Compatible: 2 sizes with progressive tightening to fit most metal deburrers

Easily transform your Virax 22125x multi-material deburrers into a real deburring machine thanks to the screwdriver deburrer holder.

Two sizes: compatible with deburrers 211251 and 221252 from the Virax range

Aluminum clamping ring: quick installation and adaptability with most metal deburring tools on the market.

? Deburr ultra-quickly and effortlessly using the screwdriver.



A mm	A " OD	L mm	H mm	kg	Kg	Ref.
8 - 32	5/16 - 1.3/8	60	120	0,18	221251	221253
12 - 54	1/2 - 2	80	120	0,315	221252	221254

CALIBRATION TOOL

2212 : Calibration Tool 16-63 mm

Advantages

- 5 models** to calibrate a maximum of tube makes.
- Dual function:** calibration and interior reamer.
- Several diameters** per product to calibrate the most frequently used dimensions.

Two vital functions to crimp multi-layer tubes.

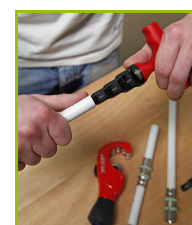
1- Recalibrate the tube after cutting operations.

2- Ream the inside of the tube to avoid damaging the connector's o-ring.

Strong product, burnished steel body, hardness 95 HrB.

Practical plastic handle.

221280 – 221281 (Ø 40 - 50 - 63 mm) : ease of use and speed thanks to an integrated ratchet.



Ext. Ø x Thickness mm	Kg	Ref.
16x2 - 20x2 - 25x2.5 - 26x3 - 32x3	0,260	221276
16x2 - 20x2.5 - 25x2.5 - 26x3 - 32x3	0,260	221277
16x2.25 - 20x2.5 - 25x2.5 - 26x3 - 32x3	0,260	221278
40X3,5 - 50X4 - 63X4,5	0,450	221280
40X4 - 50X4,5 - 63X6	0,450	221281

CHAMFERING TOOL

2215 : Chamfering Tool For Plastic Pipes

Recommended by plastic pipe manufacturers.
Releasable grips.
Capacity: Ø 32 to 250 mm pipe. Thickness: up to 12 mm. Chamfering angle: 15° on plastic pipes.
Pivoting counter-blade adjustment.

Kg	Ref.
0,785	221500



2

2215 : Blade and Counter-Blade

For	Packaging	Kg	Ref.
221500	1	0,026	221501



BENDING



 **virax**











**CROSSBOW
BENDER**
2503



192 similar reviews

3 ■ BENDING

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3 ■ BENDING

MANUAL HYDRAULIC BENDER

2402 : Manual Hydraulic Bender

Advantages

Bending capacity:
Gas pipes: Ø 3/8" to 4" (nfa 49115-en10255).
Locksmith's pipes: Ø 12 à 45 mm.
Multilayer pipes: Ø 40 to 63 mm.
Angle: 0 to 90°.

For medium and heavy series gas pipes.

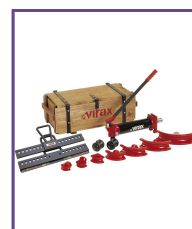
Manual hydraulic bender for worksites or prefabrication.
 Simple action circuit with spring-loaded piston return.
 Supplied in a wooden case with the forms and accessories.
 To identify the different types of cheeks, see next pages.

Tip:

- Use Virax hydraulic ram oil for best protection.
- All necessary precautions must be taken when filling the ram to avoid foreign matter entering the reservoir as this may impair operation.
- Use horizontally.

Ref. 240233 / 240242 / 240243 / 240249 : Supplied in a wooden chest.

Ref. 240252 : Supplied in two wooden chests.



For pipe	Formers	Ram	Type	Kg	Ref.
Steel	3/8 - 1/2 - 3/4 - 1 - 1.1/4	Manual - n°1	Sliding cheek	44,500	240233
Steel	3/8 - 1/2 - 3/4 - 1 - 1.1/4 - 1.1/2 - 2"	Manual - n°2	Open cheek	77,000	240242
Steel	3/8 - 1/2 - 3/4 - 1 - 1.1/4 - 1.1/2 - 2"	Manual - n°2	Sliding cheek	71,00	240243
Steel	3/8 - 1/2 - 3/4 - 1 - 1.1/4 - 1.1/2 - 2 - 2.1/2 - 3"	Manual - n°3	Hinged cheek	170,000	240252
Multilayer	40 - 50 - 63 mm	Manual - n°2	Sliding cheek	54,000	240249

2402 : Manual Hydraulic Bender for Locksmith's Pipe

For locksmith's pipes and electrical conduit.
 (Supplied without formers)

Capacity mm	Ram	Type	Kg	Ref.
Ø 12 to 45	Manual - no.2	Sliding Cheeks	58,000	240279



Virax supports future installers

Virax helps teachers promote the industry to students. Every year, Virax and teachers create a competition to test the skills of future graduates in a fun way. The best students win prizes to help them get started in their new profession.

POWERED HYDRAULIC BENDER

2408 : Powered Hydraulic Bender

Advantages

Bending capacity:
Gas pipes: Ø 3/8" to 4" (nfa 49115 - en 10255).
Locksmith's pipes: Ø 12 à 45 mm.
Bending angle: 0° to 90°.

For medium and heavy series gas pipes.

Electrical hydraulic bender for worksites or prefabrication.
 Simple action circuit with spring-loaded piston return.
 Supplied in a wooden case with the forms and accessories.
 Less effort required for large batches.
 Limit switch (option - ref. 240811) to reproduce identical bends.
 To identify the different types of cheeks, see next pages.

Tip:

- Use Virax hydraulic ram oil for best protection.
- All necessary precautions must be taken when filling the ram to avoid foreign matter entering the reservoir as this may impair operation.
- Use horizontally.

Ref. 240851, Ref. 240852 delivered in two wooden chests



For pipe	Formers	Ram	Type	Kg	Ref.
Steel	3/8 - 1/2 - 3/4 - 1 - 1.1/4 - 1.1/2 - 2"	230 V - n° 2	Open Cheeks	93,000	240842
Steel	3/8 - 1/2 - 3/4 - 1 - 1.1/4 - 1.1/2 - 2"	230 V - n° 2	Sliding Cheeks	87,000	240843
Steel	□3/8 - 1/2 - 3/4 - 1 - 1.1/4 - 1.1/2 - 2 - 2.1/2 - 3"	□230 V - n° 3	Hinged Cheeks	□188,000	240852
Steel	□3/8 - 1/2 - 3/4 - 1 - 1.1/4 - 1.1/2 - 2 - 2.1/2 - 3 - 3.1/2 - 4"	□230 V - n° 3	Hinged Cheeks	□303,000	240851

2408 : Limit Switch

230 V single phase limit switch for electric ram 2. This device allows the same bend to be reproduced repeatedly on electric powered benders.

For ram	Kg	Ref.
no.2	0,710	240811



ACCESSORIES FOR HYDRAULIC BENDER

2402 - 2408 : Hydraulic Ram Oil

Highly refined mineral oil, essential for the proper operation of Virax hydraulic benders (ref. 2402/2408). Very high lubrication, prevents oxidation, corrosion and wear. Density at 20°C: 0.87 to 0.89. Viscosity at 40°C: 22 mm2/s. Flow point: - 42°C.

Description	Kg	Ref.
1-litre container	0,910	240101
Box of 12 containers of 1 L	11,600	240102



3 ■ BENDING

2402 - 2408 : Tripod

Range of tripods adaptable on Virax benders to avoid stooping, as well as for forming bends at the ends of pipes or working in confined spaces.

Cheek	For ram	Kg	Ref.
Open	Manual and electric no.1 and 2	5,500	240103
Sliding	Manual and electric no.2	9,350	240105
Hinged 3"	Manual no.3 e eléctrico no.3	11,700	240106
Open	Electrical no.2	10,000	240107



2402 - 2408 : Open Cheeks

For medium and heavy series gas pipes.



Description	Ø "	For ram	Kg	Ref.
Open cheek	3/8 - 1.1/4	n°1	10,750	240210
Dolly OC (x1)	3/8 - 1.1/4	n°1	1,830	240110
Open cheek	3/8 - 2	n°2	20,200	240216
Dolly OC (x1)	3/8 - 2	n°2	2,225	240114

2402 - 2408 : Sliding Cheeks

For medium and heavy series gas pipes.



Description	Ø "	For ram	Kg	Ref.
Sliding cheeks	3/8 - 1.1/4	n°1	7,200	240211
Dolly SC (x1)	3/8 - 1.1/4	n°1	1,730	240111
Sliding cheeks	3/8 - 2	n°2	15,120	240217
Dolly SC (x1)	3/8 - 2	n°2	2,200	240115

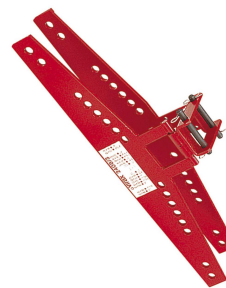


Virax, French manufacturer

In its Production Centre extending over more than 20,000 m² situated in Epernay, France, Virax manufactures tools and machines designed by its R&D Center to meet the requirements of professionals. Plasturgy, machining, milling, grinding, assembly and painting, all these activities are performed on site for manufacturing control and quality.

2402 - 2408 : Hinged cheek 3"

For medium and heavy series gas pipes.



3

Description	Ø "	For ram	Kg	Ref.
Hinged cheek	3/8 - 3	n°3	33,000	240228
Dolly for hinged cheek (x1)	3/8 - 3	n°3	3,970	240120

2402 - 2408 : Cheeks 4"

For medium and heavy series gas pipes.

* Requires adaptor (Ref. 240206+240207+20408).



Description	Ø "	For ram	Kg	Ref.
Upper cheek	2.1/2 - 4	n°2* - n°3	30,000	240223
Lower cheek	2.1/2 - 4	n°2* - n°3	37,000	240222
Dolly for 2.1/2 to 4" hinged cheek (x1)	2.1/2 - 4	n°2* - n°3	4,560	240117

2402-2408 : Sliding Cheeks - Locksmith's Conduit

For Locksmith's conduit.



Description	Ø mm	For ram	Kg	Ref.
Dolly SC (x1)	12-50	n°2	2,000	240119
Sliding cheeks	12-50	n°2	17,000	240226

2402 - 2408 : Former for Gas Pipes Medium and Heavy Series (nfa49-115)

* with hinged cheek (240228) .

** with 2 1/2 to 4" cheeks (240222 - 240223) or 2 1/2" cheek (240220 - 240221).

*** only with 2 1/2" to 4" cheeks (240222 - 240223).



3 ■ BENDING

Pipe "	Pipe mm	Radius mm	Kg	Ref.
3/8	12/17	40	0,845	240141
1/2	15/21	50	0,875	240142
3/4	20/27	65	1,190	240143
1	26/34	100	1,950	240144
1.1/4	33/42	135	3,300	240145
1.1/2	40/49	160	4,650	240146
2	50/60	210	7,050	240147

Pipe "	Pipe mm	Radius mm	Kg	Ref.
2.1/2*	66/76	350	19,480	240148
3*	80/90	400	27,900	240149
2.1/2**	66/76	350	22,000	240122
3***	80/90	420	30,200	240123
3.1/2***	90/102	mini 1800	9,025	240124
4***	102/114	mini 2000	9,320	240125

2402 - 2408 : Former for Light Series Pipes



Pipe "	Pipe mm	Radius mm	Kg	Ref.
3/8	12/17	70	0,920	240151
1/2	15/21	85	1,000	240152
3/4	20/27	110	1,375	240153
1	26/34	135	2,160	240154
1.1/4	33/42	170	3,510	240155
1.1/2	40/49	200	4,790	240156

2402 - 2408 : Former for Locksmith's Pipes



Pipe O.D. mm	Bending radius	Kg	Ref.
12	50	0,850	240160
13	50	0,830	240161
14	60	0,900	240162
15	60	0,860	240163
16	70	0,920	240164
18	70	0,890	240165
20	105	0,900	240166
22	130	1,335	240167

Pipe O.D. mm	Bending radius	Kg	Ref.
25	130	1,330	240168
28	160	1,640	240169
30	165	2,000	240170
32	165	2,030	240171
35	220	4,220	240172
38	220	3,700	240173
40	220	3,300	240174
45	275	5,700	240175

2402 - 2408 : Former for PEX/AL/PEX Pipe



3

Description	Pipe O.D. mm	Bending radius	Kg	Ref.
Former	40	160	0,980	240177
Former	50	200	1,170	240178
Former	63	252	1,590	240179
Pair of dollies SC (HR)	-	-	2,500	240185

2402 - 2408 : Bending 2.1/2-4" Option for Ram No. 2

For medium and heavy series gas pipes (nfa 49115 - en 10255).

Upper and lower cheeks. Dollies. 2 1/2" and 3" formers. 3 1/2" and 4" section formers. Ram adaptor. Piston extension.



Description	Kg	Ref.
2.1/2 to 4"	178,000	240248

2402 : Manual Ram

Mechanical safety ensured by an end-of-travel stop and high pressure seals at the back of the piston, which remain effective even in the event of impact on the piston. Automatic piston return. Virax rams are individually tested and inspected.



Ram No.	Capacity	Kg	Ref.
1	1.1/4" (42,4 mm)	13,900	240201
2	2" (60,3 mm) or 4" with accessories	17,200	240202
3	3" (90 mm) or 4" with accessories	31,000	240203

2402 : Accessories

Description	Kg	Ref.
Pump handle	0,810	240200



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/VIRAX

3 ■ BENDING

2408 : Electric Ram

Mechanical safety ensured by an end-of-travel stop and high pressure seals at the back of the piston, which remain effective even in the event of impact on the piston.

Automatic piston return.

Virax rams are individually tested and inspected.



Ram No.	Voltage	Capacity	Kg	Ref.
2	230 V single phase	2" (60,3 mm) to 4" with accessories	29,000	240802
3	230 V single phase	3" (90 mm) to 4" with accessories	39,000	240803



CROSSBOW BENDER

2503 : Crossbow Bender

Advantages

- Optimum force / actuation ratio for **easy and fast bending**.
- Powerful**: bends stainless steel tubes p to Ø 15 mm.
- Optimised high quality materials for **maximum strength**.

Perfect bending of **annealed copper tubes**, in compliance with the recommendations of the **EN 1057 standard** up to Ø 22 mm, **multilayer pipes** up to Ø 32 mm, **stainless steel** (stainless steel 304 - 304L -316 - 316L, thickness 1 mm) and **zinc-plated tubes** up to Ø 15 mm.

Optimizes the force to apply with respect to the **number of grip presses** for **easy and fast bending**.

Ideal for use in work sites or workshops.

To produce 90° elbows, crank shapes, bayonets, etc.

Lightweight and handy, only 1.3 kg (bare machine) for user comfort.

Body in **high quality aluminium**, mobile handle in treated drop-forged steel.

High strength steel rack and mechanism.

Adaptable use: **1 hand for fast bending** on most diameters, **2 hands for high strength** on the most demanding materials and diameters.

Release lever for fast removal of the bending former.

Non-slip Soft Touch® handle for perfect control.

Time gain against soldering, **lower costs** of elbow procurement and storage, **secured installations** thanks to fewer assemblies.

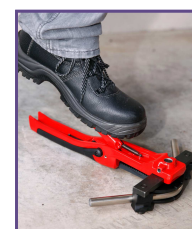
New formers in **high strength glass fibre charged plastic**, guaranteeing ideal maintaining of the tube in the former.

Patented system for easy viewing of the dimension markings on the tube.

High strength glass fibre charged plastic cheeks and counter formers. **Patented system** facilitating elbow-in-elbow bending. Easy fitting / removal of bending formers and cheeks without tools.

Size : 350 x 60 x 65 mm.

Supplied in a plastic VIRABOX case.



For pipe	Composition	Kg	Ref.
-	Machine only	3,370	250300
Copper	12 – 15 – 18 – 22 mm	4,880	250301
Copper	12 – 14 – 16 – 18 – 20 – 22 mm	5,140	250302
Copper	3/8 – 1/2 – 5/8 – 3/4 – 7/8"	5,070	250303
PEX / AL / PEX	16 – 18 – 20 – 26 – 32 mm	5,120	250304
Copper / PEX / AL	12 – 14 – 16 – 18 – 20 – 22 – 26 – 32 mm	6,145	250305
Copper / PEX / AL	12 – 15 – 16 – 18 – 20 – 22 – 26 – 32 mm	6,145	250306

Capacities

Annealed copper pipes: Ø 10 to 22 mm, Ø 3/8 to 7/8"
 Multilayer pipes: Ø 14 to 32 mm.
 Stainless steel pipes: Ø 12 to 15 mm
 Zinc-plated pipes: Ø 12 to 15 mm
 Bending angle: up to 95°

Tips

Tip: For blow torch annealed copper pipe, only anneal the bent part to avoid weakening the tube at the counter-form. Do not anneal the tube at the counter-formers: risk of warping.

3 ■ BENDING

2500 : Former for 2500 / 2503 Crossbow Bender

Formers in **high strength** glass fibre charged plastic, guaranteeing **ideal maintaining** of the tube in the former. For perfect bending of **annealed copper tubes**, in compliance with the recommendations of the **EN 1057 standard**, or **multilayer tubes**.
To facilitate bending: **patented** system for easy viewing of the **dimension markings** on the tube.
Clear and visible marking of the diameter and bending radius directly on the formers.



Pipe O.D. mm	Ø ext. tube "	Bending radius mm	Kg	Ref.
10	3/8	40	0,063	250010
12	-	45	0,065	250012
14	-	50	0,087	250014
15	-	50	0,081	250015
16	5/8	54	0,082	250016
18	-	70	0,150	250018

Pipe O.D. mm	Ø ext. tube "	Bending radius mm	Kg	Ref.
20	-	80	0,167	250020
22	7/8	88	0,159	250022
26	-	95	0,128	250026
32	-	114	0,162	250032
-	1/2	45	0,062	250051
-	3/4	70	0,140	250053

2500 : Cheek and Counter Former for 2500 / 2503 Crossbow Bender

Cheeks with **high strength** glass fibre charged plastic **counter formers**.
Patented system facilitating **elbow-in-elbow bending**: counter formers with 1 for regular bending and 1 special face dedicated to elbow-in-elbow.



Pipe O.D. "	Pipe O.D. mm	Kg	Ref.
3/8 - 1/2 - 5/8	10 - 16	0,470	250001
3/4 - 7/8	18 - 22	0,600	250002
-	26 - 32	0,700	250003

2501 : Former for 2501 Crossbow Bender

High strength lightweight alloy formers.



Pipe O.D. mm	Ø ext. tube "	Bending radius mm	Kg	Ref.
10	-	30	0,090	250160
12	-	35	0,100	250161
14	-	40	0,120	250162
15	-	50	0,140	250159
16	-	50	0,140	250163
18	-	70	0,190	250164
20	-	80	0,200	250165
22	-	90	0,200	250166

Pipe O.D. mm	Ø ext. tube "	Bending radius mm	Kg	Ref.
24	-	90	0,200	250167
26	-	95	0,240	250168
-	3/8	30	0,080	250170
-	1/2	40	0,140	250171
-	5/8	50	0,150	250172
-	3/4	80	0,190	250173
-	7/8	90	0,210	250174

2501 : Cheeks and Counter-Former for 2501 Crossbow Bender

Pipe O.D. "	Pipe O.D. mm	Kg	Ref.
3/8 - 1/2 - 5/8	10 - 16	0,500	250130
3/4 - 7/8	18 - 22	0,460	250131
-	26	0,380	250132



3

BENDING SPRING

2510 : Bending Spring - For Copper Pipe

Outside bending spring.
Hardened, burnished steel wire. End bending rings.
Wall thickness: 0,8 to 1,2 mm.

Ø mm	L mm	Kg	Ref.
10	240	0,170	251010
12	240	0,240	251012
14	255	0,280	251014
15	275	0,320	251015
16	285	0,350	251016
18	295	0,470	251018
20	325	0,580	251020
22	340	0,650	251022



2510 : Internal Bending Spring for PEX & Multilayers Pipes

These springs slip inside pipes (multi-layers, PEX) in order to bend pipes without folding or flattening them.
With 1100 mm length, these springs can be used easily and in every situations. Springs in pre-zinc steel.



L mm	Ø mm	For PEX-pipe Ø mm	For Multilayer-pipe Ø mm	Kg	Ref.
1100	9	12 x 1,1	12 x 1,1 - 14 x 2 - 16 x 2,7	0,280	251042
1100	11	16 x 1,5	16 x 2 - 16 x 2,2	0,370	251044
1100	13	-	18 x 2 - 20 x 2,8 - 20 x 3	0,460	251046
1100	15	20 x 1,9	20 x 1,9 - 20 x 2 - 20 x 2,25	0,560	251048
1100	17	-	25 x 3,5	0,650	251050
1100	19	25 x 2,3	25 x 2,5 - 26 x 3	0,780	251052



Virax, French manufacturer

Virax is located in Epernay, the Champagne capital, and was founded more than 100 years ago with the launch of its famous "Virax threader", the threader that "Turns around the Axis". Today, the production facility covers more than 20,000 m².

3 ■ BENDING

BENDING PLIERS

2511 : Bending Pliers

For hardened and annealed copper pipes: Ø 6 to 18 mm and Ø 1/4" to 5/8" O.D. / wall thickness 1 to 1,2 mm.

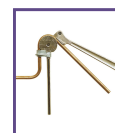
Bending radius: 2 to 3.5 D.

For forming very short radius bends and counter-bends.

Bending angle: up to 180°.

0 to 180° graduations.

Steel handle and body. Machined groove.



Pipe O.D.	Bending radius mm	Kg	Ref.
6	11	0,310	251106
8	14	0,355	251108
10	23	0,850	251110
12	30	1,000	251112
14	42	2,100	251114
15	42	2,100	251115
16	54	2,740	251116

Pipe O.D.	Bending radius mm	Kg	Ref.
18	55	3,000	251118
1/4	15	0,355	251121
5/16	25	0,500	251122
3/8	35	1,015	251123
1/2	45	2,100	251124
5/8	54	2,700	251125



2514 : Bending pliers with knee protection

Advantages

Comfortable: the soft plastic protective pad provides maximum comfort for the knee while bending.

Practical: double marks to see bending angle and do a quick measure of the pipe length.

Durable: the independent roller in zamac avoids rapid wear of the arm and doesn't hurt pipe. **Comfortable:** the soft plastic protective pad provides maximum comfort for the knee while bending.

Practical: double marks to see bending angle and do a quick measure of the pipe length.

Durable: the independent roller in zamac avoids rapid wear of the arm and doesn't hurt pipe.



3

Suitable for many applications: bending of sanitary or heating pipe, gas supply pipe.

Bended material: copper pipe and multilayer pipe.

A curve allows to put knee. The soft plastic pad is fixed into the curve to provide maximum comfort.

Bending with low effort with the long arms and ergonomic handles.

To reduce pain while repeated bending, lock the bending plier in a bench vice thanks to the two flat surfaces.

Save weight in toolbox with the body in lightweight alloy - aluminium.

Marks on former to see bending angle (45°, 90°, 135°, 180°).

Marks on fix arm for a quick measure of the pipe.



Each bending plier is delivered with one protective pad for knee. Pad is also available by unit in spare part (ref. 251405).

Pipe O.D. mm	Bending radius mm	Kg	Ref.
12	45	1,040	251412
14	50	1,320	251414
16	60	1,860	251416

Tips

Stress and pain on the knee are significantly reduced compared to a bending plier without protection. Protection pad in plastic (ref. 251405) which combines flexibility and durability for optimum comfort.

Can be assembled easily and with no tool on VIRAX bending pliers range 2514 from model 2023.



Much more than just quality, here's the Virax commitment!

Virax commits to total, permanent and durable satisfaction of users and therefore applies a process based on:

A proactive product plan.

A constant innovation process.

A focus on permanent improvement.

Improved customer services.

An assurance of optimum availability rate.

Customer satisfaction, the heart of our commitments.

3 ■ BENDING

2514: Multi-diameter Bending Plier

Advantages

Multi-purpose: 1 tool for 3 dimensions: Ø 6, 8, 10 mm.

Comfort: Light and compact in the toolbox instead of 3 single diameter bending pliers.

For hardened and annealed copper pipes: Ø 6, 8, 10 mm / wall thickness: 1 mm.

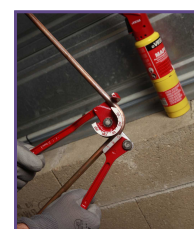
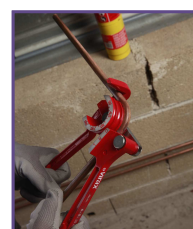
Lightweight alloy body.

180° bending angle.

0 to 180° graduations.

Ideal for many applications: air conditioning, refrigeration, gas supply, and compressed air circuit.

Size mm	Kg	Ref.
275 x 68 x 61	0,450	251406



ATTACHABLE MANUAL BENDER

2502 : Workbench Manual Bender

Wall thickness: 0.8 to 1.5 mm. **Bending angle:** 0 to 180°.

Red Universal formers:

Ø 8 to 22 mm.

Grey Universal formers:

Ø 5/16 to 7/8".

Wall thickness: 1 to 1.5 mm. **Bending angle:** 0 to 180°.

Yellow Standard formers

Ø 10 to 22 mm. Short bending radius.

With Loose guide.

Provides a perfect finish as the guide follows the pipe round the bend. Essential for bending insulated pipes.

With Sliding guide

For quick bendings and vertical works.

Supplied with an assembled body and a rapid feed lever.

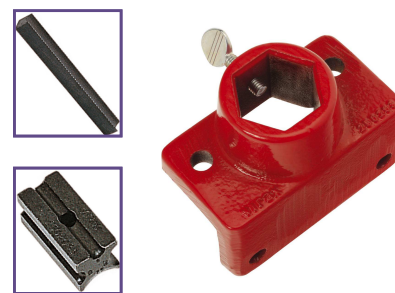
Attachment: on a special base (250203), in a parallel vice, in a pipe vice.



Type	Composition	Ø	Kg	Ref.
With loose guide	Universal formers	8 - 10 - 12 - 14 - 16 - 18 - 20 - 22 mm	18,600	250271
With loose guide	Universal formers	10 - 12 - 14 - 16 - 18 - 20 - 22 mm	18,400	250272
With loose guide	Standard formers	10 - 12 - 14 - 16 - 18 - 20 - 22 mm	12,500	250275
With loose guide	Universal formers	5/16 - 3/8 - 1/2 - 5/8 - 3/4 - 7/8"	15,030	250280
With sliding guide	Universal formers	10 - 12 - 14 - 16 - 18 - 20 - 22 mm	16,550	250282
With sliding guide	Standard formers	10 - 12 - 14 - 16 - 18 - 20 - 22 mm	15,000	250285

2502 : Workbench Manual Bender Accessories

Support Base for workbench-mounted bender: space-saving arrangement allowing bender to be used in both horizontal and vertical positions. Fits inside the bender's storage case.



3

Description	Pipe O.D.	Kg	Ref.
Assembly body	-	3,540	250200
Rapid speed lever	-	1,900	250201
Support Base	-	1,250	250203
Stitch barrel	-	0,045	250208
Assembly body + rapid feed lever	-	10,400	250270
Lever extension	-	0,810	240200

Description	Pipe O.D.	Kg	Ref.
Loose Guide	8 - 10 - 20 - 22 mm	1,160	250210
Loose Guide	12 - 14 - 16 - 18 mm	1,180	250212
Loose Guide	5/16 - 3/8 - 7/8"	1,260	250216
Loose Guide	1/2 - 5/8 - 3/4"	1,120	250218
Sliding Guide + Pin	8 - 10 - 20 - 22 mm	0,290	250211
Sliding Guide + Pin	12 - 14 - 16 - 18 mm	0,290	250213

2502 : Former



Description	Pipe O.D. "	Pipe O.D. mm	Bending radius mm	Kg	Ref.
Universal	-	8	30	0,275	250221
Universal	-	10	42	0,430	250222
Universal	-	12	50	0,545	250223
Universal	-	14	60	0,700	250224
Universal	-	15	71	0,830	250225
Universal	-	16	71	0,925	250226
Universal	-	18	80	1,135	250227
Universal	-	20	90	1,370	250228
Universal	-	22	100	1,500	250229
Standard	-	10	35	0,335	250232
Standard	-	12	42	0,420	250233
Standard	-	14	50	0,525	250234
Standard	-	15	60	0,700	250235
Standard	-	16	60	0,680	250236
Standard	-	18	70	0,915	250237
Standard	-	20	80	1,100	250238
Standard	-	22	90	1,270	250239
Universal	5/16	-	30	0,270	250241
Universal	3/8	-	42	0,420	250242
Universal	1/2	-	60	0,715	250243
Universal	5/8	-	70	0,850	250244
Universal	3/4	-	90	1,350	250245
Universal	7/8	-	100	1,490	250246

3 ■ BENDING

PORTABLE ELECTRIC BENDING MACHINE

2517: Compact electro portable bender 18 V Ministem®

Advantages

Work light: ultra-light, ultra-compact.

In all configurations: close elbow-in-elbow, up to 180°, in all planes.

In full autonomy: high-performance Lithium-Ion battery compatible with over 400 CAS machines (Cordless Alliance System).

Bender designed for small installations and medium-sized houses, new build or renovation: wall-mounted boiler, bathroom, kitchen, sanitary, ..., up to Ø 22 mm and 7/8" (copper), Ø18 mm (stainless steel) and Ø 26 mm (multilayer).

Ultra-light, ultra-compact, only 4.9 kg machine alone, and 5.9 kg in operation (with battery, form and Ø 16 mm counter-form) for fatigue-free everyday use and easy mobility.

No limit to what you can do: elbow-in-elbow bends at shortest length, in all planes, even the most complex, and up to 180°, thanks to forms with articulated hook (Virax exclusivity), which also facilitate pipe insertion and removal.

High autonomy, up to 125 bends with just 1 CAS 18V - 2Ah battery (Ø 18 mm copper pipe / 90°), and fast recharging in only 40 minutes.

Fast cold bending without annealing the pipe (copper): less than 5 seconds for a 90° bend on Ø 22 mm copper pipe.

Precise and regular bending angle from 0 to 180°, thanks to variable speed drive.

Compatible with Eurostem® bender tripod ref. 251809 for working at man-height.

Rotation direction reverser to easily release the pipe after bending and return the form to the 0° position.

Lightweight and robust aluminum housing, gears with anti-wear coating, glass-filled PP handle.

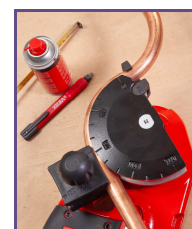
Quick and tool-free change of forms and counter-forms.

Aluminum forms:

- Less wear for excellent service life.
- High resistance to bending stress and corrosion.
- Angular marking every 15°.

PA6 counter-forms:

- Easy set-up thanks to various markings (position of axis on machine, alignment mark with form).
- Minimized wrinkling thanks to excellent tube sliding.
- One-handed removal of the counter-form after bending, without dropping it, thanks to an exclusive pin with anti-ejection ball.



Formers Ø	Case	Kg	Ref.
-	1 Virabox	8,600	251770
12-14-16-18mm	1 Virabox□	10,890	251772
14-16-18-22mm	1 Virabox□	11,340	251774
12-15-18mm	1 Virabox□	10,450	251776
14-16-20mm	1 Virabox□	10,750	251777
12-14-16-18-22mm	1 Virabox□	11,640	251778
14-16-20-26mm	1 Virabox□	12,260	251779
3/8-1/2-5/8-3/4-7/8"	1 Virabox□	11,520	251780
16-20-26mm	1 Virabox□	11,960	251781

Capacities

Bending angle: up to 180°.
 Annealed and hardened copper pipe, EN 1057 thickness 1 to 1.5 mm: Ø 10 - 22 mm
 Copper tube EN 12735-1 for refrigeration and air conditioning: Ø 3/8 - 7/8".
 Stainless steel pipe, max. thickness 1.2 mm: Ø 10 - 18 mm
 Multilayer pipes: Ø 14 - Ø 26 mm

Delivered with

- 1 battery Lithium-Ion CAS 18 V – 2.0 Ah, 1 fast charger.
- In Virabox case.

Tips

For man-height working, use the tripod (ref. 251809).
 To reduce effort and make bending metal pipes easier, use bending oil spray (ref. 251804).
 Forms compatible with the Eurostem® III (according to the Ministem®'s authorized capacities and excluding concentric radius formers).
 Counter-forms specific to the Ministem®.

2517 : Former and Counter-Former for Ministem®

Aluminium formers to optimise resistance to wear and bending loads.
 Fiberglass reinforced PA6 counter-formers for improved pipe sliding and better resistance to effort.

*Ø18 and 22 mm for Ministem® / Eurostem® III - 3/8 GAS and 1/2 GAS only for Eurostem® III.



Type	Pipe O.D.	For pipe	Bending radius mm	MINISTEM®	EUROSTEM® II / III	Kg	Ref.
Counter-form pin	-	-	-	ok	-	0,220	892280
Counter-former	3/4" - 7/8"	Copper refrigeration	-	ok	-	0,136	892266
Counter-former	1/2" - 5/8"	Copper refrigeration	-	ok	-	0,080	892265
Counter-former	10mm and 3/8"	Copper, Copper refrigeration, Electro-galvanized steel, Stainless steel	-	ok	-	0,080	892264
Counter-former	20mm - 26mm	Copper, Multilayer	-	ok	-	0,121	892263
Counter-former	18mm - 22mm	Copper, Multilayer, Electro-galvanized steel, Stainless steel	-	ok	-	0,124	892262
Counter-former	14mm - 16mm	□Copper, Multilayer, Electro-galvanized steel, Stainless steel	-	ok	-	0,096	892261
Counter-former	12mm - 15mm	Copper, Multilayer, Electro-galvanized steel, Stainless steel	-	ok	-	0,080	892260
Former	7/8"	Copper refrigeration	77	ok	ok	0,690	251872
Former	3/4"	Copper refrigeration	70	ok	ok	0,600	251869
Former	5/8"	Copper refrigeration	55	ok	ok	0,320	251866
Former	1/2"	Copper refrigeration	45	ok	ok	0,240	251863
Former	3/8"	Copper refrigeration	40	ok	ok	0,220	887822
Former	26mm	Multilayer	98	ok	ok	1,500	888227
Former	22mm	Copper	77	ok*	ok	0,710	251822

3 ■ BENDING

Type	Pipe O.D.	For pipe	Bending radius mm	MINISTEM®	EUROSTEM® II / III	Kg	Ref.
Former	20mm	Copper, Multilayer	77	ok	ok	0,670	887809
Former	18mm	Copper, Electro-galvanized steel, Stainless steel	70	ok*	ok	0,590	251818
Former	16mm	□Copper, Multilayer, Electro-galvanized steel, Stainless steel	60	ok	ok	0,380	251816
Former	15mm	□Copper, Multilayer, Electro-galvanized steel, Stainless steel	55	ok	ok	0,325	251815
Former	14mm	Copper, Multilayer, Electro-galvanized steel, Stainless steel	50	ok	ok	0,290	251814
Former	12mm	Copper, Electro-galvanized steel, Stainless steel	45	ok	ok	0,220	251812
Former	10mm	Copper, Electro-galvanized steel, Stainless steel	40	ok	ok	0,200	887819



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Exploded views and manuals: www.virax.com, Download section.

2518 : Portable Battery-Powered Bender 18 V Eurostem® III

Advantages

Precise pressure die adjustment: optimal pipe clamping and securing during bending for top notch bending.
Compatible and high-performance CAS battery: Lithium-Ion 18V technology, compatible with over 400 machines by CAS partners (Cordless Alliance System).
 Ideal for **complex bending within a short distance.**

Bender for small and intermediate runs at the factory or the worksite, up to Ø35 mm (copper) and Ø40 mm (multi-layer).

Save time and energy thanks to the instantaneous manual bend die return after bending, without need to use either the motor or the battery.

Long life, up to 130 bending operations thanks to 2 x 18V - 2 Ah batteries (copper pipe Ø28 mm / 90°).

Easy repositioning in the initial angle thanks to drive shaft indexing every 90°.

Easy fitting / removal of the pipe thanks to its **articulated hook**.

Clear space around the bend die to allow for **multiple bending operations in any plane**, even for small diameters.

Suitable for working on the flat or vertically when bending long pipes, with two housings for a tripod.

Easy gearbox engagement thanks to a self-adjusting clutch.

Stop bending at a **precise** location thanks to a speed controller.

Release the bent pipe **with no risk of damage** simply by pulling the pressure die away.

Change the bend and pressure dies quickly, no tools required.

Light and solid aluminium casing, gears with wearproof coating, PP handle reinforced with fibre glass.



* 251849 : with former Ø28mm for stainless steel pipes Ø 28 x 1.2 mm - Bending radius 112mm.

Formers Ø	Case	Kg	Ref.
-	1 Virabox	15,210	251873
12 - 14 - 16 - 18 - 22 mm	1 Virabox	17,700	251874
14 - 16 - 18 - 22 - 28 mm	1 Virabox	18,970	251875
16 - 18 - 22 - 28 - 35 mm	2 Virabox	23,840	251876
16 - 20 - 26 - 32 - 40 mm	2 Virabox	27,520	251877

Formers Ø	Case	Kg	Ref.
16 - 20 - 26 - 32 mm	2 Virabox	21,460	251878
12 - 15 - 18 - 22 mm	1 Virabox	17,285	251880
15 - 18 - 22 - 28 mm	1 Virabox	18,607	251881
15 - 18 - 22 - 28 mm (Stainless steel) *	2 Virabox	20,920	251849
3/8 - 1/2 - 5/8 - 3/4 - 7/8"	1 Virabox	17,650	251855

Capacities

Maximum capacity:

- Bending angle: up to 180°.
- Annealed and hardened copper pipe, EN 1057 thickness 1 to 1.5 mm, locksmith pipe: Ø 10 - 35 mm
- Copper tube EN 12735-1 for refrigeration and air conditioning: Ø 3/8 - 1.1/8".
- Steel pipe EN 10255 Light and Intermediate Series: Ø 3/8 - 3/4"
- Stainless steel pipe, max. thickness 1.2 mm: Ø 10 - 28 mm
- Electro galvanised steel pipe, EN 10305-3 max. thickness 1.5 mm: Ø 10 - 28 mm
- Multilayer pipes: Ø 14 - Ø 40 mm

Delivered with

- 2 Lithium-Ion 18 V - 2.0 Ah batteries, 1 fast charger.
- In a Virabox case, 1 or 2 cases depending on the contents.

3 ■ BENDING

Tips

When working at eye-height, use the tripod (ref. 251809). The bender can be placed in a horizontal or vertical position depending on the dimensions and orientation of the pipe to be bent.

For optimal recurrent bending operations on large diameter pipes, a 4.0 Ah battery (ref. 253541) is recommended.

Use a bending lubricant spray to reduce forces and make it easier to bend metal pipes (ref. 251804).

2518 : Former and Counter-Former for Eurostem® II / III

Aluminium formers to optimise resistance to wear and bending loads.

Fiberglass reinforced PA6 counter-formers for improved pipe sliding and better resistance to effort.

* Ø18 and 22 mm for Ministem® / Eurostem® III - 3/8 GAS and 1/2 GAS only for Eurostem® III.

**Ref. 251864/251865/251867: In a Virabox case.



Type	Pipe O.D.	For pipe	Bending radius mm	MINISTEM®	EUROSTEM® II / III	Kg	Ref.
Former and Counter-former	10 mm	Copper, Electro-galvanized steel, Stainless steel□	40	ok	ok	0,260	251810
Former	12 mm	Copper, Electro-galvanized steel, Stainless steel	45	ok	ok	0,220	251812
Former	14 mm	□Copper, Multilayer, Electro-galvanized steel, Stainless steel	50	ok	ok	0,290	251814
Former	15 mm	Copper, Multilayer, Electro-galvanized steel, Stainless steel	55	ok	ok	0,325	251815
Former	16 mm	Copper, Multilayer, Electro-galvanized steel, Stainless steel	60	ok	ok	0,380	251816
Former	18 mm - 3/8 GAS	Copper, Multilayer, Electro-galvanized steel, Stainless steel	70	ok*	ok	0,590	251818
Former and Counter-former	20 mm	□Copper, Multilayer, Electro-galvanized steel, Stainless steel	77	-	ok	0,930	251820
Former	22 mm - 1/2 GAS	□Copper, Multilayer, Electro-galvanized steel, Stainless steel	77	ok*	ok	0,710	251822
Former and Counter-former	25 mm	Copper, Multilayer, Electro-galvanized steel, Stainless steel	98	-	ok	1,720	251825
□Former and Counter-former	26 mm	Multilayer	98	-	ok	1,700	251826

Type	Pipe O.D.	For pipe	Bending radius mm	MINISTEM®	EUROSTEM® II / III	Kg	Ref.
Former and Counter-former	28 mm - 3/4 GAS	□Copper, Multilayer, Electro-galvanized steel	98	-	ok	1,560	251828
Former and Counter-former	28 mm	Stainless steel thickness 1,2mm	112	-	ok	1,820	251829
Former and Counter-former	32 mm	Multilayer	112	-	ok	1,620	251831
Former and Counter-former**	32 mm	Copper, Multilayer	140	-	Only Eurostem® III	3,270	251867
Former and Counter-former**	35 mm	Copper, Multilayer	140	-	Only Eurostem® III	5,170	251864
□Former and Counter-former**	40 mm	Multilayer	140	-	Only Eurostem® III	4,900	251865
□Former and Counter-former	3/8"	Copper refrigeration	40	-	ok	0,270	251860
Former	1/2"	Copper refrigeration	45	ok	ok	0,240	251863
Former	5/8"	Copper refrigeration	55	ok	ok	0,320	251866
Former	3/4"	Copper refrigeration	70	ok	ok	0,600	251869
Former	7/8"	Copper refrigeration	77	ok	ok	0,690	251872
Former and Counter-former	1.1/8"	Copper refrigeration	98	-	ok	1,600	251879
Counter-former	12 – 15 mm	Copper, Multilayer, Electro-galvanized steel, Stainless steel	-	-	ok	0,055	251832
Counter-former	14 – 16 mm	Copper, Multilayer, Electro-galvanized steel, Stainless steel	-	-	ok	0,065	251833
Counter-former	18 - 22 mm - 3/8 GAS - 1/2 GAS	Copper, Multilayer, Electro-galvanized steel, Stainless steel	-	-	ok*	0,085	251834
Counter-former	28 mm - 3/4 GAS	Copper, Multilayer, Electro-galvanized steel	-	-	ok	0,050	887562
Counter-former	1/2" - 5/8"	□Copper refrigeration	-	-	ok	0,050	251882
□Counter-former	3/4" - 7/8"	Copper refrigeration	-	-	ok	0,080	251883



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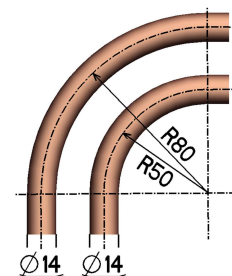
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3 ■ BENDING

2518 : Concentric Radius Former for Eurostem® II / III

Former with special bending radius for parallel working on double collars.



Type	Pipe O.D.	For pipe	Bending radius mm	MINISTEM®	EUROSTEM® II / III	Kg	Ref.
Former	12 mm	Copper, Electro-galvanized steel, Stainless steel	75	-	ok	0,410	251835
Former	14 mm	Copper, Multilayer, Electro-galvanized steel, Stainless steel	80	-	ok	0,580	251836
Former	16 mm	Copper, Multilayer, Electro-galvanized steel, Stainless steel	90	-	ok	0,780	251837
Former	18 mm	Copper, Electro-galvanized steel, Stainless steel	105	-	ok	0,960	251838
Former	22 mm	Copper	120	-	ok	1,380	251839

2518 : Accessories for Ministem® / Eurostem® II / III

For	Description	Kg	Ref.
Viper® M2X / L2X / Eurostem® III / Ministem® / Phenix IV 18 V	Battery 18 V - 8 Ah Li-Ion HD CAS	1,060	253545
Viper® M2X / L2X / Eurostem® III / Ministem®	Battery 18 V - 2 Ah Li-Ion Power CAS	0,465	253540
□Viper® M2X / L2X / Eurostem® III / Ministem® / Phenix IV 18 V	Battery 18 V - 4 Ah Li-Ion HD CAS	0,660	253541
□Viper® M2X / L2X / Eurostem® III / Ministem® / Phenix IV 18 V	240 V Charger EU - for 18 V battery CAS	0,580	253542
□Viper® M2X / L2X / Eurostem® III / Ministem® / Phenix IV 18 V	240 V Charger UK - for 18 V battery CAS	0,580	253543
Eurostem® II / III / Ministem®	Tripod	3,000	251809
Eurostem® II / III / Ministem®	Bending Oil - Spray 150ml	0,214	251804
Viper® M20+ / P22+ / Eurostem® II	Battery 14,4 V - 2,4 Ah Li-Ion	0,645	253244
Viper® M20+ / P22+ / Eurostem® II	230 V Charger - for 14,4 V battery - 2,4 Ah Li-Ion	0,740	251844



Virax is committed to WEEE management

As a manufacturer, Virax has established a process for the recovery of Waste Electrical and Electronic Equipment (WEEE) in accordance with European Directive 2012/19/EU. Virax organises the management and recycling of WEEE at end-of-life, as part of its commitment to the environment.



CONNECTION



 **virax**




















**FLARING
PLIERS**
2526



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4 ■ CONNECTION / ASSEMBLY

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4 ■ CONNECTION / ASSEMBLY

CUTTING OIL

1101 - 1102 : Mineral Cutting Oil

Specially designed for manual and powered threading. Suitable for steel and stainless steel. With its very high lubricating ability, Virax cutting oil ensures better quality threads and lengthens the service life of both dies and machines.

Water emulsifiable. Odourless.

WARNING : It is essential to rinse off the oil with detergent when used on drinking water circuits.

L	Packaging	Kg	Ref.
1 L	Container	0,985	110101
5 L	Container	4,860	110105
1 L	Box of 12 containers	12,430	110112
500 ml	Spray can	0,620	110200
500 ml	Box of 12 spray cans	6,900	110202



1106 : Synthetic Threading Oil

Advantages

Special threading on drinking water circuits.

Odourless: For a better user comfort.

High technical performances: Threading couple and tools durability are improved.

Acceptable for fresh water: specially done to thread drinkable water pipings, all the oil is eliminated by rinsing it out.

DVGW W 521 Certification Nr. DW-0201BR5779.

Dynamic viscosity at -10°C : < 250 mPa s.

Use it without diluting.



L	Packaging	Kg	Ref.
5 L	Container	5,720	110605



Virax and the environment

Virax is committed to environmental protection and sustainable development, as demonstrated by our ISO certification 14001: 2015 for our environmental management system.

Compliance with the REACH Directive no.1907/2006.

Low energy consumption.

Dematerialisation of documentary flows and printing control.

Waste control and reclaiming.

Packaging materials recycled in a partnership with Eco Emballage.

Anticipation of pollution risks.

ADJUSTABLE MANUAL THREADER

1245 - 1265 - 1275 : Set of Dies



4

Description	Pipe O.D. "	Pipe O.D. mm	For adjustable threader	Kg	Ref.
Right BSPT	1 - 1.1/4	26/34 - 33/42	1265	0,980	126503
Right BSPT	1.1/2 - 2	40/49 - 50/60	1265	0,900	126504
Right BSPT	2.1/2 - 3	66/76 - 80/90	1265	0,810	126505
Right BSPT	2.1/2 - 3	66/76 - 80/90	1275	1,250	127505
Right BSPT	3.1/2 - 4	90/102 - 102/114	1275	1,990	127506

MANUAL THREADER WITH INTERCHANGEABLE HEADS

1362 - 1363 : Threading Set 3/8" - 1 1/4" - Plastic case - Metal case

Advantages

- Reversible ratchet for increased manoeuvrability.
- Ergonomic grip.

Capacity :

Steel:

Right BSPT: Ø 1/4" to 1.1/4"

Left BSPT: Ø 1/4" to 1.1/4"

NPT : Ø 1/4" to 1.1/4"



Tubular steel handles.

Heads can also be used on Mini Phenix / Phenix III / Phenix IV portable electric threader.
For tubes complying with the EN 10255 S and EN 10255 W standards (former NFA 49115 and NFA 49145 standard medium and heavy duty series); only light series tubes are not recommended.

Description	Case	Kg	Ref.
Single ratchet housing + handle right BSPT : 1/2 - 3/4 - 1 - 1.1/4	Metal - Single (670 x 115 x 150 mm)	7,650	136270
Single ratchet housing with 2 part handle - Right BSPT : 3/8 - 1/2 - 3/4 - 1 - 1.1/4	Plastic (429 x 240 x 125 mm)	6,060	136301
Single ratchet housing with 2 part handle - Right BSPT : 1/2 - 3/4 - 1 - 1.1/4	Plastic (429 x 240 x 125 mm)	5,615	136311
Single ratchet housing with 2 part handle - NPT : 3/8 - 1/2 - 3/4 - 1 - 1.1/4	Plastic (429 x 240 x 125 mm)	6,100	136361

4 CONNECTION / ASSEMBLY

1362 - 1364 : Threading Set 3/8" - 2" And 1.1/2" - 2" - Metal Case

Advantages

- Reversible ratchet for increased manoeuvrability.
- Ergonomic grip.
- Easy head installation and removal.

Capacity:

Steel

Right BSPT: Ø 1/4" to 2"

Left BSPT: Ø 1/4" to 2"

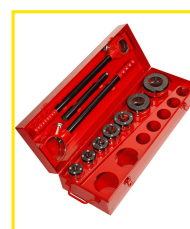
NPT : Ø 1/4" to 2".

Tubular steel handles.

Heads can also be used on Mini Phenix / Phenix III / Phenix IV portable electric threading machine.

For tubes complying with the EN 10255 S and EN 10255 W standards (former NFA 49115 and NFA 49145 standard medium and heavy duty series); only light series tubes are not recommended.

Description	Case	Kg	Ref.
2 single ratchet housings + handle BSPT right : 1/2 - 3/4 - 1 - 1.1/4 - 1.1/2 - 2	670 x 230 x 150 mm	20,000	136280
Single ratchet housing with 2 part handle Single ratchet housing with 3 part handle - BSPT Right 1/2 - 3/4 - 1 - 1.1/4 - 1.1/2 - 2	450 x 345 x 100 mm	17,000	136281
2 single ratchet housings + handle BSPT right : 3/8 - 1/2 - 3/4 - 1 - 1.1/4 - 1.1/2 - 2	670 x 230 x 150 mm	20,700	136282
2 single ratchet housings + handle NPT : 1/2 - 3/4 - 1 - 1.1/4 - 1.1/2 - 2	670 x 230 x 150 mm	20,000	136263
Single ratchet housing + Handle Right BSPT: 1.1/2 - 2	660 x 200 x 110 mm	12,800	136460



1362 - 1363 - 1364 : Ratchet Housing for Manual Threader with Interchangeable Heads



Description	Drive	Capacity "	Kg	Ref.
1 ratchet 1 housing	Octogonal	1/8 - 1.1/4	1,130	136294
1 handle + 1 ratchet 1 housing	Octogonal	1/8 - 1.1/4	1,990	136290
2-part handle + 1 ratchet 1 housing	Octogonal	1/8 - 1.1/4	2,050	136295
1 handle + 2 ratchets 1 housing	Octogonal	1/8 - 1.1/4	2,100	136292
2-part handle + 2 ratchets 1 housing	Octogonal	1/8 - 1.1/4	2,260	136095
3-part handle + 1 ratchet 1 housing	Octogonal	1.1/2 - 2	3,180	136392

Description	Drive	Capacity "	Kg	Ref.
1 ratchet 1 housing	Octogonal	1.1/2 - 2	1,780	136390
2-part handle + 1 ratchet 1 housing	Octogonal	1.1/2 - 2	3,055	136391
3-part handle + 1 ratchet 1 housing	Splined	1.1/2 - 2	2,565	136495
1 ratchet 1 housing	Splined	1.1/2 - 2	1,130	136494
2-part handle + 1 ratchet 1 housing	Splined	1.1/2 - 2	2,480	136490

PORTABLE ELECTRIC THREADING MACHINE

1380 : Phenix Mini Portable Electric Threading Machine

Advantages

- Compact, ideal for interventions in confined environment.**
- Locking vice with anti-torque bar to lock the machine in rotation when threading.**
- Robust and light, suited to all maintenance work.**

Dual rotation direction.

Easy to use, selector to choose rotation direction and trigger to control rotation speed according to pressure applied.

In spite of its small size, this threading machine can thread right- or left-hand BSPT, from 1/4" to 1.1/4".

Feather weight for easy transport and use.

Rotation speed: 20 rpm in both directions.

For tubes complying with the EN 10255 S and EN 10255 W standards (former NFA 49115 and NFA 49145 standard medium and heavy duty series); only light series tubes are not recommended.



Description	Voltage V	Power	Kg	Ref.
Mini Phenix + 4 Right-hand BSPT heads: 1/2" - 3/4" - 1" - 1.1/4"	230	800W - 50/60 Hz	11,000	138021
Threader only - 230 V	230	800W - 50/60 Hz	5,800	138020

Capacities

Steel:

Right-hand BSPT Ø 1/4" to 1.1/4"

Left-hand BSPT Ø 1/4" to 1.1/4"

Delivered with

- 1 locking vice (ref. 138022).
- 4 Right-hand BSPT heads: 1/2" - 3/4" - 1" - 1.1/4".

4 CONNECTION / ASSEMBLY

Tips

Virax cutting oil (ref. 110200) should be used for smooth die operation, ensuring a good cut and a perfect thread.
For NPT threading use the Phenix III portable automatic threading machine ref. 137562.

1375: Phenix IV 230V / 18V CAS portable electric threader

Advantages

Thread quickly: 4 times faster return after threading thanks to its adaptive gearbox.

In any situation: threading as close as possible to walls and in tight spaces thanks to optimized ergonomics and offset drive head.

1 wired version 230V, 1 battery version 18V CAS: depending on your working habits, and always up to Ø 2".

For effortless BSPT Right or NPT threads on steel pipes from 1/4" to 2", in the workshop or on site, in new construction or renovation.

Time saving: its adaptive gearbox allows a return 4 times faster than the threading time, for a complete cycle of only 1 minute on a 2" steel pipe with the Phenix IV 230V.

Comfort and safety in use: locking vice with anti-torque bar to prevent machine rotation during threading.

Fast and secure locking system: with tool-free and easy-to-install adapter for 1/4" to 1.1/4" heads, for a perfect hold and no unintentional ejection of heads during threading. With integrated retaining ring for 1.1/2" and 2" heads.

Minimal wear, excellent service life thanks to induction-hardened gearbox and ball-bearing-mounted drive shafts.

230V Wired version:

For continuous use with its powerful and reliable 1010W universal motor.
Large working range with 2.8-meter cable.

18V CAS Battery version:

For maximum mobility with 18V CAS batteries (capacities according to composition).

Maintenance-free and wear-free brushless motor for longer life and greater energy efficiency.

High performance CAS Lithium-Ion battery:

- Increased durability: permanent monitoring of each cell while charging ensures a longer battery lifetime.

- Fast and safe charging: ventilated charger for a constant temperature while charging.

- Anticipation for charging: battery charge level indicator.

- Reliable lifetime: long storage possible with almost no self-discharge.

Rotation speed: 25 to 15 rpm (threading) - 58 rpm (fast return).

For tubes complying with the EN 10255 S and EN 10255 W standards (former NFA 49115 and NFA 49145 standard medium and heavy-duty series); only light series tubes are not recommended.



Description	Head	Power supply	Case	Kg	Ref.
Phénix IV 230V + 6 heads BSPT Right	1/2" - 3/4" - 1" - 1.1/4" - 1.1/2" - 2"	230V	1 Virabox	19,100	137570
Phénix IV 230V + 4 heads BSPT Right	1/2" - 3/4" - 1" - 1.1/4"	230V	1 Virabox	15,870	137571
Phénix IV 230V	-	230V	1 Virabox	12,960	137572
Phénix IV 18V CAS + 6 heads BSPT Right	1/2" - 3/4" - 1" - 1.1/4" - 1.1/2" - 2"	18V CAS - 2 x 8Ah	2 Virabox	21,640	137580
Phénix IV 18V CAS + 4 heads BSPT Right	1/2" - 3/4" - 1" - 1.1/4"	18V CAS - 2 x 8Ah	2 Virabox	18,810	137581
Phénix IV 18 V CAS	-	18V CAS - 1 x 8Ah	2 Virabox	14,840	137582

Capacities

Steel:

BSPT Right: Ø 1/4" to 2"

NPT: Ø 1/4" to 2"

Delivered with

- Locking vice (ref. 137575).
 - Adapter for 1/4" to 1.1/4" heads (ref. 137576).
 - In Virabox.
- 18V version only: 18V Li-Ion batteries and fast charger in an additional Virabox.

Tips

Virax cutting oil should be used for smooth die operation, ensuring a good cut and a perfect thread.

4

1375 - 1380 : Accessories - Portable Electric Threader

Holding vice: safety pipe-threading accessory. Anti-torque bar steadies the machine while working.

Phenix III: vice jaws can be adapted for threading stainless steel pipes (137507).

Description	For	Kg	Ref.
Holding vice	Phénix IV	2,410	137575
Reducer for octagonal heads 1/8" to 1.1/4"	Phénix IV	0,650	137576
Battery 18 V - 4 Ah Li-Ion HD CAS	Viper® M2X / L2X / Eurostem® III / Ministem® / Phenix IV 18 V	0,660	253541
Battery 18 V - 8 Ah Li-Ion HD CAS	Viper® M2X / L2X / Eurostem® III / Ministem® / Phenix IV 18 V	1,060	253545
240 V Charger EU - for 18 V battery CAS	Viper® M2X / L2X / Eurostem® III / Ministem® / Phenix IV 18 V	0,580	253542
240 V Charger UK - for 18 V battery CAS	Viper® M2X / L2X / Eurostem® III / Ministem® / Phenix IV 18 V	0,580	253543
Holding vice	Mini Phenix	1,500	138022
Vice jaw inserts for stainless steel pipes (for mounting on blocking vice)	Phenix III	0,200	137507



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4 ■ CONNECTION / ASSEMBLY

COMPLETE HEADS & DIES

1362 - 1363 - 1364 : Drop Head Threaders

Advantages

- Lubrication and chip removal** assisted by large openings.
- Die position markings** remain perfectly visible at all times.
- Guide hole** for self-centring of die-head.

Heads with notched octagonal (or splined) drive for securing within the housing.

Cap for accurate positioning of dies. Also allows them to be turned around to cut threads tight up against walls without risking to be pulled out.

Long-reach centring guide for easy operation.

Compatible with manual interchangeable head threader, Mini Phenix, Phenix III and Phenix IV, according to capacity.

To be threaded with the Mini Phenix ref. 138020 /138021, use only steel BSPT heads up to Ø 1.1/4".

For tubes complying with the EN 10255 S and EN 10255 W standards (former NFA 49115 and NFA 49145 standard medium and heavy duty series); only light series tubes are not recommended.

* Retaining pin must be removed when used with the Phenix IIB / Phenix III threading machines (ref 1375).

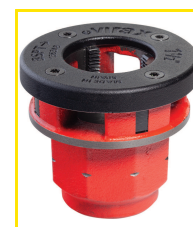
Compatibility :

A = ratchet Housing 1360, ratchet Housing 1362, Phenix Mini, Phenix IIB, Phenix III, Phenix IV.

B = ratchet Housing 1364, Phenix IIB, Phenix III.

C = ratchet Housing 1363, Phenix IV.

D = ratchet Housing 1360, ratchet Housing 1362, Phenix Mini, Phenix IIB, Phenix III.



Compatibility	Drive	Type of thread	Ø "	Ø mm	Kg	Ref.
A	Octagonal	Right hand BSPT	1/4	8/13	0,460	136340
A	Octagonal	Right hand BSPT	3/8	12/17	0,445	136341
A	Octagonal	Right hand BSPT	1/2	15/21	0,520	136342
A	Octagonal	Right hand BSPT	3/4	20/27	0,570	136343
A	Octagonal	Right hand BSPT	1	26/34	0,720	136344
A	Octagonal	Right hand BSPT	1.1/4	33/42	0,720	136345
B	Splined	Right hand BSPT	1.1/2*	40/49	2,000	136346
B	Splined	Right hand BSPT	2*	50/60	2,150	136347
C	Octagonal	BSPT Droite	1.1/2	40/49	1,670	136348
C	Octagonal	BSPT Droite	2	50/60	1,560	136349
D	Octagonal	Left hand BSPT	1/2	15/21	0,510	136244
D	Octagonal	Left hand BSPT	1	26/34	0,720	136246
B	Splined	Left hand BSPT	1.1/2*	40/49	1,980	136448
B	Splined	Left hand BSPT	2*	50/60	2,150	136449
A	Octagonal	NPT	1/4	8/13	0,450	136350
A	Octagonal	NPT	3/8	12/17	0,430	136351
A	Octagonal	NPT	1/2	15/21	0,520	136352
A	Octagonal	NPT	3/4	20/27	0,570	136353
A	Octagonal	NPT	1	26/34	0,720	136354
A	Octagonal	NPT	1.1/4	33/42	0,730	136355
B	Splined	NPT	1.1/2*	40/49	2,000	136356

Compatibility	Drive	Type of thread	Ø "	Ø mm	Kg	Ref.
B	Splined	NPT	2*	50/60	2,160	136357
C	Octogonal	NPT	1.1/2	40/49	1,670	136358
C	Octogonal	NPT	2	50/60	1,560	136359

1362 - 1363 - 1364 - 1370 : Set of Dies

Advantages

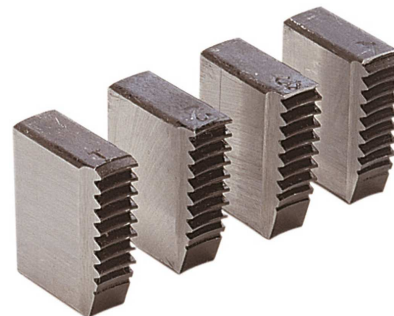
Precision machined from a special alloy steel guaranteeing a high cutting performance, excellent resilience and hardness.
Cutting profile with a clearance angle to reduce friction.

Compatible with manual interchangeable head threader, Mini Phenix and Phenix III, according to capacity.

For tubes complying with the EN 10255 S and EN 10255 W standards (former NFA 49115 and NFA 49145 standard medium and heavy duty series); only light series tubes are not recommended.

Virax cutting oil must be used for lubrication in all threading operations.

Type : choice of dies according to their compatibility with the old generation heads (1362 - 1364 - 1370) or new generation (1363). The new generation heads are identifiable thanks to the marking 1363xx on their cap.



Type	Type of thread	For head	Ø "	Ø mm	Kg	Ref.
Acier - 1362	BSPT Droite	136231	1/8	6/10	0,060	136201
Acier - 1362	BSPT Droite	136232	1/4	8/13	0,055	136202
Acier - 1363	BSPT Droite	136340	1/4	8/13	0,058	136320
Acier - 1362	BSPT Droite	136233	3/8	12/17	0,055	136203
Acier - 1363	BSPT Droite	136341	3/8	12/17	0,055	136321
Acier - 1363	BSPT Droite	136342	1/2	15/21	0,060	136322
Acier - 1362	BSPT Droite	136235	3/4	20/27	0,070	136205
Acier - 1363	BSPT Droite	136343	3/4	20/27	0,065	136323
Acier - 1362	BSPT Droite	136236	1	26/34	0,115	136206
Acier - 1363	BSPT Droite	136344	1	26/34	0,115	136324
Acier - 1362	BSPT Droite	136237	1.1/4	33/42	0,115	136207
Acier - 1363	BSPT Droite	136345	1.1/4	33/42	0,115	136325
Acier - 1364	BSPT Droite	136438 - 136439	1.1/2 - 2	40/49 - 50/60	0,150	136408
Acier - 1363	BSPT Droite	136346 - 136347	1.1/2 - 2	40/49 - 50/60	0,150	136326
Acier - 1363	BSPT Droite	136348 - 136349	1.1/2 - 2	40/49 - 50/60	0,150	136327
Acier - 1363	BSPT Droite	136349	2	50/60	0,155	136328
Acier - 1362	BSPT Gauche	136243	3/8	12/17	0,055	136213
Acier - 1362	BSPT Gauche	136246	1	26/34	0,115	136216
Acier - 1364	BSPT Gauche	136448 - 136449	1.1/2 - 2	40/49 - 50/60	0,150	136418
Acier - 1362	NPT	136252	1/4	8/13	0,060	136222
Acier - 1363	NPT	136350	1/4	8/13	0,060	136330
Acier - 1362	NPT	136253	3/8	12/17	0,055	136223
Acier - 1363	NPT	136351	3/8	12/17	0,052	136331
Acier - 1362	NPT	136254	1/2	15/21	0,060	136224
Acier - 1363	NPT	136352	1/2	15/21	0,060	136332
Acier - 1362	NPT	136255	3/4	20/27	0,070	136225
Acier - 1363	NPT	136353	3/4	20/27	0,070	136333
Acier - 1362	NPT	136256	1	26/34	0,115	136226

4 CONNECTION / ASSEMBLY

Type	Type of thread	For head	Ø "	Ø mm	Kg	Ref.
Acier - 1363	NPT	136354	1	26/34	0,115	136334
Acier - 1363	NPT	136355	1.1/4	33/42	0,115	136335
Acier - 1364	NPT	136458 - 136459	1.1/2 - 2	40/49 - 50/60	0,150	136428
Acier - 1363	NPT	136356 - 136357	1.1/2 - 2	40/49 - 50/60	0,150	136336
Acier - 1363	NPT	136358 - 136359	1.1/2 - 2	40/49 - 50/60	0,150	136337
Acier - 1363	NPT	136359	2	50/60	0,155	136338
Inox - 1370	BSPT Droite	137043	3/8	12/17	0,055	137003
Inox - 1370	BSPT Droite	137044	1/2	15/21	0,065	137004
Inox - 1370	BSPT Droite	137045	3/4	20/27	0,072	137005
Inox - 1370	BSPT Droite	137047	1.1/4	33/42	0,120	137007

THREADING MACHINE

1621 : Threading Machine 2"

Advantages

- Automatic opening** or manually operated threading head.
- Quick, simple thread size adjustment.**
- Hammer-type chuck** and long jaws to rapidly, firmly and safely secure the pipe.
- Safety switch** avoids accidental operation.
- Universal motor** designed for harsh condition. Can withstand voltage drops of up to 80 V.

Machine producing "gas" threads with sealing as per NFE 03.004 compliant with ISO/7. For tubes complying with the EN 10255 S and EN 10255 W standards (former NFA 49115 and NFA 49145 standard medium and heavy duty series); only light series tubes are not recommended.

Heavy-duty dies of HSS or standard grade steel.
 Five-blade reamer for a clean, accurate result.
 Body 330 mm long for threading short lengths of pipe. The body is angled at 2.2° to drain the oil from the pipe.
 Safety pedal for starting and stopping the machine.
 Self-priming gear-style oil pump.
 Raised strainer avoids oil contamination by iron filings.
 Variable oil flow control.



Motor	Power W	Composition	Dies	Speed rpm	Size mm	Kg	Ref.
Single phase Universal 230 V motor	1100	Ø " : 1/2 - 3/4, 1 - 2. Ø mm : 15/21 - 20/27, 26/34 - 50/60	Right-hand BSPT	38	1160 x 650 x 1100	101	162120

Capacities

Steel: BSPT, NPT Ø 1/4" - 2". BSPP Ø 1/2" - 2".
 Stainless steel: BSPT, NPT Ø 1/4" - 2".

Delivered with

- 1 automatic 1/2" to 2" BSPT and NPT threading head,
- 1 set of right-hand BSPT dies 1/2" - 3/4",
- 1 set of right-hand BSPT dies 1" - 2",
- 1 set of carbon brushes,
- 1 steel pipe cutting wheel,
- 3 support legs,
- 1 safety pedal.

Tips

Use specially-designed dies and cutting wheels when working with zinc-coated and stainless steel.
Use Virax 1101 - 1102 - 1106 cutting oil (not supplied).

1621 : Threading Machine 4"**Advantages**

Automatic opening threading head.

Quick, simple thread size adjustment.

Hammer-type chuck and long jaws to rapidly, firmly and safely secure the pipe.

Machine producing "gas" threads with sealing as per NFE 03.004 compliant with ISO/7.
For tubes complying with the EN 10255 S and EN 10255 W standards (former NFA 49115 and NFA 49145 standard medium and heavy duty series); only light series tubes are not recommended.

Self-priming gear-style oil pump.

Raised strainer avoids oil contamination by iron filings.

Variable oil flow control.

Heavy-duty dies available in HSS and standard grade steel.

Slotted dies for quick and easy replacement without removing the head.

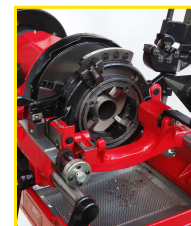
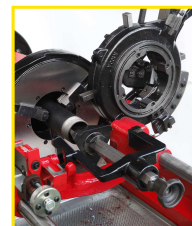
3 gears for optimum cutting and threading of each pipe diameter.

Safety pedal for starting and stopping the machine.

Three-blade reamer for a precision result.

Special storage compartment.

A machine of proven endurance, designed for high-volume applications.



Motor	Power W	Composition	Dies	Speed rpm	Size mm	Kg	Ref.
Single-phase induction 230 V motor	1600	Ø": 1/2 - 3/4, 1 - 2, 2.1/2 - 4. Ø mm: 8/13 - 12/17, 26/34 - 50/60, 66/76 - 102/114	Right-hand BSPT	36/20/11	1200 x 870 x 1200	142,200	162140

Capacities

Steel: BSPT, NPT Ø 1/4" - 4". BSPP Ø 1/2" - 2".
Stainless steel: BSPT, NPT Ø 1/4" - 4".

Delivered with

- 1 automatic 1/2" to 2" BSPT threading head,
- 1 automatic 2.1/2" to 4" BSPT threading head,
- 1 set of right-hand BSPT dies 1/2" - 3/4",
- 1 set of right-hand BSPT dies 1" - 2",
- 1 set of right-hand BSPT dies 2.1/2" - 4",
- 1 steel pipe cutting wheel,
- 4 support legs,
- 1 safety pedal.

4 CONNECTION / ASSEMBLY

Tips

Use specially-designed dies and cutting wheels when working with zinc-coated and stainless steel.
Use Virax 1101 - 1102 - 1106 cutting oil (not supplied).

ACCESSORIES FOR 2" AND 4" THREADING MACHINE

1611 : Roller Stand

The feet can be formed from 3/4" tubes (20/27).

Feet not included.

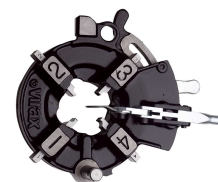


Description	Kg	Ref.
Stand (without feet)	4,100	161100

1621 : Die Head for 2" – 4" Threading Machine

Machine producing "gas" threads with sealing as per NFE 03.004 compliant with ISO/7.
For tubes complying with the EN 10255 S and EN 10255 W standards (former NFA 49115 and NFA 49145 standard medium and heavy duty series); only light series tubes are not recommended.

Supplied without set of dies.



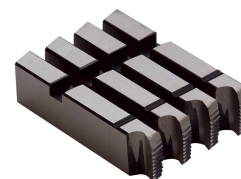
Description	Capacity "	For machine	Opening	Kg	Ref.
Right hand BSPT - NPT	1/4 - 3/8	162120/40	Manual	3,700	162150
Right hand BSPT - NPT	1/2 - 2	162120/40	Auto	6,000	162151
Right hand BSPT	2.1/2 - 4	162140	Auto	10,000	162152
Right hand NPT	2.1/2 - 4	162140	Auto	10,000	162153

1622 : Dies for 2 " – 4 " Threading Machine Die Heads

Standard: steel.

HSS: Zinc coated and stainless steel.

Machine producing "gas" threads with sealing as per NFE 03.004 compliant with ISO/7.
For tubes complying with the EN 10255 S and EN 10255 W standards (former NFA 49115 and NFA 49145 standard medium and heavy duty series); only light series tubes are not recommended.



Description	Pipe O.D. "	Pipe O.D. mm	For threader	Kg	Ref.
Right hand BSPT	1/4 - 3/8	8/13 - 12/17	Steel - 1621	0,500	162201
Right hand BSPT	1/2 - 3/4	15/21 - 20/27	Steel - 1621	0,600	162202
Right hand BSPT	1 - 2	26/34 - 50/60	Steel - 1621	0,600	162203
Right hand BSPT	2.1/2 - 4	66/76 - 102/114	Steel - 1621	0,800	162204
Right hand NPT	1/4 - 3/8	8/13 - 12/17	Steel - 1621	0,500	162205
Right hand NPT	1/2 - 3/4	15/21 - 20/27	Steel - 1621	0,600	162207
Right hand NPT	1 - 2	26/34 - 50/60	Steel - 1621	0,600	162208

Description	Pipe O.D. "	Pipe O.D. mm	For threader	Kg	Ref.
Right hand NPT	2.1/2 - 4	66/76 - 102/114	Steel - 1621	0,800	162209
HSS Right hand BSPT	1/4 - 3/8	8/13 - 12/17	Stainless steel - 1621	0,500	162301
HSS Right hand BSPT	1/2 - 3/4	15/21 - 20/27	Stainless steel - 1621	0,600	162302
HSS Right hand BSPT	1 - 2	26/34 - 50/60	Stainless steel - 1621	0,600	162303
HSS Right hand BSPT	2.1/2 - 4	66/76 - 102/114	Stainless steel - 1621	0,800	162304
HSS Right hand NPT	1/4 - 3/8	8/13 - 12/17	Stainless steel - 1621	0,500	162305
HSS Right hand NPT	1/2 - 3/4	15/21 - 20/27	Stainless steel - 1621	0,600	162307
HSS Right hand NPT	1 - 2	26/34 - 50/60	Stainless steel - 1621	0,600	162308
HSS Right hand NPT	2.1/2 - 4	66/76 - 102/114	Stainless steel - 1621	0,800	162309
Right hand BSPP	1/2 - 3/4	15/21 - 20/27	Steel - 1621	0,600	162220
Right hand BSPP	1 - 2	26/34 - 50/60	Steel - 1621	0,600	162221

1621 : Spare parts for 2" – 4" Threading Machine

Description	Kg	Ref.
Cutting wheel for steel pipe (2" – 4" threading machine)	0,050	162470
Cutting wheel for Zinc coated and stainless steel pipes (2" – 4" threading machine)	0,050	162471
Carbon brushes (set of 2) for 2" threading machine	0,030	753066
Set of 3 jaws for 2" threading machine	0,600	753068
Set of 3 pawls for 2" threading machine	0,600	753069
Set of 3 jaws for 4" threading machine	0,900	753070
Set of 3 pawls for 4" threading machine	0,900	753071



1624 : Stand for 2" Threading Machine

For machine 162120.

The machine can be loaded and unloaded from a utility vehicle **by one person**.

The stand includes pistons for raising and lowering the machine.

Folding stand for easily transporting the threading machine.

System for emptying the machine without dismantling.

Legs provide support under load.

Tool tray.

Supplied with:

- 1 Oil emptying system,
- 1 Set of fastening screws.

Kg	Ref.
24,500	162460



1624 : Stand for 4" Threading Machine

For 162140 machine.

Fitted with four wheels and handles for easy transport.

Rides kerbs and other obstacles easily.

Tool tray.

Supplied with:

Fastening screws.

Kg	Ref.
31,500	162461



4 ■ CONNECTION / ASSEMBLY

1624 : Grooving machine and adaptor for threading machine

Fits various existing machines on the market thanks to a specific adapter.

Designed for on site applications.

Fast and easy grooving to be carried out.

Quick, simple adjustment system ensuring a constant groove depth.

Turn with a ratchet wrench (1/2" ref. 220410) or handle for reduced effort.

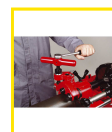
Pipe for grooving:

Steel pipes: NF EN 10208.2/10255W/10217.1/10255S/10216.1.

Max thickness 5.5 mm.

Supplied with:

- 1 connecting shaft,
- 1 set of rollers 2 to 6".



Adapter not included, to be chosen according to your threading machine model.

Description	Capacity "	Kg	Ref.
Grooving machine	1 - 6	11,000	162400
Set of rollers	1	2,300	162431
Set of rollers	1.1/4 - 1.1/2	2,400	162432
Set of rollers	2 - 6	2,500	162433
Adaptor for VIRAX machine 162120	-	1,150	162420
Adaptor for VIRAX machine 162140	-	1,500	162430
Adaptor for VIRAX machine 1620	-	1,500	162424



GROOVER

1626 : Groover GR2-12

Advantages

- Grooving up to 12"**, with accurate depth setting.
- Hydraulic jack** for fast grooving.
- Powerful and silent motor** on sturdy frame.

Electrohydraulic groover, produces grooves by cold knurling on standard steel and thin wall pipes Ø 2" – 12". For installing piping, spraying systems, large-size heating and industrial installations.

Compact and highly stable designed for work on worksites and in workshops.

Powerful motor 240 V, 50 / 60 Hz, 1500 W, 23 rpm.

Frame mounted on 4 feet for safe man-height work.

Sturdy hydraulic pump with ergonomic control grip; max. pressure: 8,000 kg.

Pressure valve for fast pipe change.

Lower roller storage compartment.

Grooving rollers designed and tempered specifically for minimum wear, with anti-skid surface for more effective tube feed.

Accurate groove depth adjustment with a nut / locknut system, ideal for repetitive work.

Safety pedal for operation control and instant stopping of machine rotation.

Stabilizer for large diameters to prevent tube slipping.

Roller holder for tubes up to Ø 12", fitted with 4 knobs; 2 tempered steel side guides with fast locking system.

Weight (machine only): 129 kg.

Machine dimensions on feet: 770 x 550 x 1400 mm.



4

Description	Capacity "	Kg	Ref.
Groover GR2-12	2 - 12	170,000	162600
Upper roller 2"-6" for steel / stainless steel pipe	2 - 6	0,780	162610
Upper roller 8"-12" for steel / stainless steel pipe	8 - 12	0,810	162611
Lower roller 2"-2.1/2" for steel pipe	2 - 2.1/2	0,550	162612
Lower roller 3"-6" for steel pipe	3 - 6	1,250	162613

Description	Capacity "	Kg	Ref.
Lower roller 8"-12" for steel pipe	8 - 12	1,420	162614
Lower roller 2"-2.1/2" for stainless steel pipe	2 - 2.1/2	0,550	162616
Lower roller 3"-6" for stainless steel pipe	3 - 6	1,250	162617
Lower roller 8"-12" for stainless steel pipe	8 - 12	1,420	162618
Pipe holder for grooving machine	2 - 12	29,000	162615

Capacities

For steel or stainless steel pipes Ø 2" – 12" (60 – 325 mm).

Pipe wall thickness: 3.5 – 10 mm (steel) / 1.6 – 6.5 mm (stainless steel).

Delivered with

- 4 frame feet.
- Safety pedal.
- Large diameter stabilizer.
- Roller holder. (162615)
- Grooving control tape measure.
- 3 lower rollers for steel pipe (2" – 2.1/2" ; 3" – 6" ; 8" – 12").
- 2 upper rollers for steel and stainless steel pipe (2" – 6" ; 8" – 12").
- Installation tool set.

Tips

When grooving stainless steel pipes, use the optional specific lower rollers.

4 CONNECTION / ASSEMBLY

PERCUSSION FLANGING TOOL

2504 : Copper Forming Set

For annealed copper pipes.

The holes in the die have a 90° chamfer on one side for forming tapered flanges with the turn pin.

The other side may be used for forming flat flanges after first forming a tapered flange.

4 opposing pegs are provided for securing the die in a parallel vice. Phosphate finish.

Supplied in a plastic case with turn pin plus single and stepped mandrels.



Composition of set	Kg	Ref.
Die for pipe O.D. : 6 - 8 - 10 - 12 - 14 mm, 90° turn pin for pipe O.D. : 6 to 14 mm, Single size mandrel 10 to 12 mm dia, Stepped mandrels 8 to 14 mm	1,350	250401
Die for pipe O.D. : 10 - 12 - 15 - 16 - 18 - 20 - 22 mm, 90° turn pin for pipe O.D. : 10 to 22 mm, Single size mandrel 16 mm Ø. Stepped mandrels 10 and 18, 12 and 20 and 15 and 22 mm Ø.	3,440	250402
Die for pipe O.D. : 10 - 12 - 14 - 16 - 18 - 20 - 22 mm, 90° turn pin for pipe O.D. : 10 to 22 mm, Single size mandrel 16 mm Ø, Stepped mandrels 10 and 18, 12 and 20 and 14 and 22 mm Ø.	3,400	250403

2504 : Die

The holes in the die have a 90° chamfer on one side for forming tapered flanges with the turn pin. The other side may be used for forming flat flanges after first forming a tapered flange.



Pipe O.D. mm	Kg	Ref.
6 - 8 - 10 - 12 - 14	0,480	250411
10 - 12 - 15 - 16 - 18 - 20 - 22	1,180	250412
10 - 12 - 14 - 16 - 18 - 20 - 22	1,175	250413

2504 : Mandrel / Flanging Tool



Description	Type	Pipe O.D. mm	Kg	Ref.
Flanging tool	90°	6 to 14	0,090	250441
Flanging tool	90°	10 to 22	0,270	250442
Flanging tool	90°	6 to 40	0,525	250443
Flanging tool	60°	10 to 22	0,300	250447
Mandrel	Single	10	0,075	250422
Mandrel	Single	12	0,080	250423

Description	Type	Pipe O.D. mm	Kg	Ref.
Mandrel	Single	16	0,250	250435
Mandrel	2 sizes	8 and 14	0,085	250421
Mandrel	2 sizes	10 and 18	0,265	250431
Mandrel	2 sizes	12 and 20	0,275	250432
Mandrel	2 sizes	14 and 22	0,285	250433
Mandrel	2 sizes	15 and 22	0,290	250434

FRIGOR - FLARING TOOL

2505 : Heavy Duty Flanging Tool

Advantages

Eccentric-mounted turn-pin for an impeccable finish and a perfect seal.

End-of-travel "release" system for "smoothing" the flange.

Feed screw fitted with a large handle **for minimum effort**.

Capacity on annealed and hard copper pipes: 45° tapered flange: Ø 3/16" to 3/4" OD.

Precision tool for forming flanges on copper refrigeration pipes.

Supplied in a plastic case containing die and yoke vice.



4

Pipe O.D. "	Taper angle	Kg	Ref.
3/16 - 1/4 - 5/16 - 3/8 - 1/2 - 5/8 - 3/4	45°	1,970	250580



2506 : Flaring Tool

Chrome finish for the yoke, hard chrome for the tools.

Capacity on annealed copper pipes:

45° tapered flange: Ø 1/8" to 3/4" OD.

Expanding tools: Ø 3/16" to 3/4" OD.

Combined tool for forming 45° flares and expansion of refrigeration pipes.

Easy tool change.

Supplied in a plastic case with die and yoke vice.

* Only 45° tapered flange.

Pipe O.D. "	Kg	Ref.
1/8* - 3/16 - 1/4 - 5/16 - 3/8 - 7/16* - 1/2 - 5/8 - 3/4	2,110	250620



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4 ■ CONNECTION / ASSEMBLY

FLARING PLIERS

2526 : Flaring Pliers for Copper

Advantages

Reduced effort ensured by long, rigid handles.

Lightweight pliers (made of forged aluminum) less than 800 gr and very high strength profiled handles.

Quick and easy tool change.

The design of the mechanism of the pliers ensures:

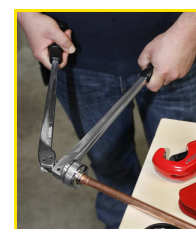
- Use in any position.
- Extraction of the head after flaring, every time.

Ergonomic polypropylene grease and solvent resistant grips.

Supplied in a plastic case.



Description	Kg	Ref.
Ø 12, 14, 16, 18, 22 mm	2,120	252641
Ø 12, 14, 16, 18, 22, 28, 32 mm	2,500	252644
Ø 12, 15, 18, 22, 28 mm	2,200	252679
Ø 3/8, 1/2, 5/8, 3/4, 7/8"	2,300	252637
Ø 3/8, 1/2, 5/8, 3/4, 7/8, 1.1/8"	2,170	252651
Ø 3/8, 1/2, 5/8, 3/4, 7/8, 1, 1.1/8"	2,485	252681
Pliers only	0,710	252600
Pliers + case	1,710	252640



2526 : Flaring Tool

High quality expansion tools:

- 6 detachable, self-centring segments.
- Long flaring length.
- Special anti-oxidation treatment providing efficient protection.



Pipe O.D. "	Pipe O.D. mm	Pipe wall thickness mm	Kg	Ref.
-	8	1	0,125	252601
-	10	1	0,130	252602
-	12	1	0,120	252603
-	14	1	0,130	252604
-	15	1	0,130	252605
-	16	1	0,130	252606
-	18	1	0,140	252607
-	20	1	0,145	252608
-	22	1	0,155	252609
-	25	1	0,175	252610
-	28	1	0,190	252611
-	32	1	0,230	252612
-	35	1	0,255	252613
-	36	1	0,265	252614

Pipe O.D. "	Pipe O.D. mm	Pipe wall thickness mm	Kg	Ref.
-	40	1	0,305	252615
-	42	1	0,325	252616
3/8	-	1	0,130	252622
1/2	-	1	0,125	252623
5/8	-	1	0,130	252624
3/4	-	1	0,140	252625
7/8	-	1	0,155	252626
1	-	1	0,175	252627
1.1/8	-	1	0,180	252628
1.1/4	-	1	0,210	252632
1.3/8	-	1	0,210	252633
1.1/2	-	1	0,210	252634
1.5/8	-	1	0,210	252635

4

EXPANSION PLIERS

2534 : Expansion Pliers PEX series 5

Advantages

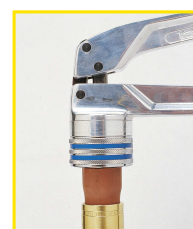
- Quick tool change.
- Effort reducing mechanism.
- Ergonomic polypropylene handles.
- Capacity Ø 12 to 32 mm. For PEX series 5 pipes.
- Expansion head: Ø 12, 16/20, 25 and 32 mm.

Specific case:

For the Alphacan Retube Ø 32 mm system, push the pipe onto the coupling as far as the last collar.



Description	Kg	Ref.
Case: Pliers + Expansion tools Ø 16, 20, 25, 32 mm	2,020	253401
Case: Pliers + Expansion tools Ø 12, 16, 20 mm	3,300	253402
Case: Pliers + Expansion tools Ø 12, 16, 20, 25, 32 mm	2,400	253403
Pliers only	0,720	253480
Case only	0,840	253481
Expansion tool Ø 12 mm	0,150	253412
Expansion tool Ø 16/20 mm	0,133	253416
Expansion tool Ø 25 mm	0,156	253425
Expansion tool Ø 32 mm	0,156	253432



Delivered with

In a plastic case.



Make the most of your talent

4 CONNECTION / ASSEMBLY

2534 : Expansion plier Quick & Easy AUTOROTATION

Advantages

Simplification and quick operation thanks to the automatic rotation of the head.

Better accessibility in tight spaces when there's no place to turn the pliers.

Reduced effort thanks to the long and rigid forged aluminium handles.

Plier and expansion heads with **automatic rotation** of the head for Quick & Easy systems (Q&E).

The automatic rotation (patented system) simplifies the work of the user while ensuring a regular expansion of the pipe. No need to manually turn the plier or pipe after each expansion

Capacities Ø 16 to 32 mm*. For pipes and rings in PEX-a or PEX-b according to the specificities of the manufacturers.

Automatic declutching system which preserves the internal mechanism for a longer service life.

Lightweight pliers (made of forged aluminum) only 915 gr. and very high strength profiled handles.

Ergonomic polypropylene grease and solvent resistant handles.

High quality expansion heads with special anti-oxidation treatment providing efficient protection.

Conical profile specially designed for Q&E systems.

6 detachable, self-centring segments.

*Ø 32 mm without autorotation.



Description	Kg	Ref.
Expansion set Quick & Easy Autorotation 16-20-25 mm	2,970	253460
Expansion plier Quick and Easy Autorotation only	2,365	253459
Expansion head Quick and Easy Autorotation 16 x 1.8/2.0 mm	0,183	253456
Expansion head Quick and Easy Autorotation 20 x 1.9/2.0 mm	0,201	253457
Expansion head Quick and Easy Autorotation 25 x 2.3 mm	0,221	253458
Expansion head Quick and Easy 32 x 2.9 mm (without autorotation)	0,329	253454

T-FLANGE

2527 : T-Rax T-Flange Tool Set

Ratchet-operated tools for forming extruded T-flanges.

Supplied in a metal case.

T-rax with tools	Kg	Ref.
Ø 12, 14, 16, 18, 22 mm	3,930	252730

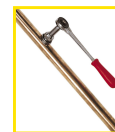


2527 : T-rax Accessories

Special drill bit (adjusted to suit the diameter), to be mounted on a reversible drill to form the hole for inserting the tool prior to extrusion.

Punching Pliers: limit the penetration of the pipe branch into the flange to ensure perfect flow.
11 mm ratchet square drive.

Description	Kg	Ref.
Drill Bit	0,415	252701
Punching Pliers	0,120	252702
Ratchet for T-flanges	0,310	252703



4

2527 : T-Rax Flanging tools

Ø mm	Kg	Ref.
12	0,084	252711
14	0,140	252712
16	0,175	252714
18	0,220	252715
22	0,335	252717
28	0,370	252719



2528 : Extrudax® T-Flange Tool Set

Special drill bit (adjusted to suit the diameter), mounted on a reversible drill to make a hole for inserting the tool prior to extrusion. The punching pliers limit the penetration of the branch pipe into the flange to ensure perfect flow.

Powered "Extrudax®" T-flange tool set (ref. 252830) is supplied with a special 230 V – 750 W reversible drill machine which has a high torque (ref. 753825).

Supplied in a case.

Description	Motorised	Kg	Ref.
Ø 12, 14, 16, 18, 22 mm	yes	5,750	252830
Ø 12, 14, 16, 18, 22 mm	-	1,500	252880
Ø 3/8, 1/2, 5/8, 3/4, 7/8"	-	1,500	252883



2528 : Extrudax® Accessories

Special drill bit (adjusted to suit the diameter), to be mounted on a reversible drill to make a hole for inserting the tool prior to extrusion.

Description	Speed rpm	Kg	Ref.
Drill Bit	-	0,080	252801
Tool holder	-	0,280	252802
Hexagonal drive	-	0,045	252804
230 V - 750 W reversible drill machine	0-660	2,600	753825



Go to www.virax.com

To find a product sheet, a safety data sheet or exploded views,
Go to our web site.

4 ■ CONNECTION / ASSEMBLY

2528 : Extrudax® Flanging Tools



Ø mm	Ø "	Kg	Ref.
10	-	0,060	252810
12	-	0,060	252812
14	-	0,060	252814
15	-	0,060	252815
16	-	0,065	252816
18	-	0,065	252818
20	-	0,065	252820

Ø mm	Ø "	Kg	Ref.
22	-	0,068	252822
-	3/8	0,060	252860
-	1/2	0,060	252861
-	5/8	0,060	252862
-	3/4	0,063	252863
-	7/8	0,070	252864

TOOLS FOR LEAD TUBE

2610 : Plumbers broach

For reshaping the ends of lead pipes. Phosphated steel, bent at 40°.



Description	A mm	A1 mm	Ø mm	L mm	Kg	Ref.
Plumbers broach	-	-	16	270	0,375	261010



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Exploded views and manuals: www.virax.com, Download section.

SEALANT

2626 : Filetfix® III

Advantages

- Quick polymerisation.**
- Repositionable before drying.**
- High temperature and pressure resistance.**
- Consistent with the main European standards** for gas, hot water and drinking water.

Sealant for threaded connections in contact with town gas, natural gas, liquid petroleum gas, hot water, drinking water, air and petroleum products.

- Complies with Positive Lists (**CLP**) for contact with drinking water.
- Complies with EN 751-1 Class H / DVGW approval * (sealants for threaded connections in contact with gas and hot water).
- Complies with **WRAS** drinking water certification.

20 °C :

- **Repositionable** for 3 minutes after application.
- **Sealing** is guaranteed after 5 minutes and up to 50 bar pressure.
- **Complete polymerization** after 24h (72 h for stainless steel).

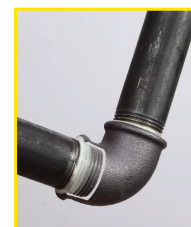
Easy to apply, thanks to its transparent precision tip.

Resistant to vibration, corrosion and most solvents.

Not to be used on pure oxygen or steam pipes, or on plastics.

For more information, see our Technical data sheet available at www.virax.com, section Documentation > Technical Sheet.

* excluding installation meeting the TRGI 2018 standard



Packaging	Kg	Ref.
1 bottle of Filetfix® III - 60 ml	0,100	262600
1 bottle of Filetfix® III - 60 ml French - Italiano - Español - Português - Nederlands - Polski - Deutsch - Türkçe - Arabic	0,100	262672
1 bottle of Filetfix® III - 60 ml Français - English - Romanian - Magyar - Slovenian - Slovakian - Greek - Czech - Hebrew	0,100	262670

2626 : Display of Bottles of Filetfix® III

Display of 15 Bottles of Filetfix® III.

Packaging	Kg	Ref.
Display of 15 Bottles of Filetfix® III - FR	1,680	262601
Display of 15 Bottles of Filetfix® III - Français - Italiano - Español - Português - Nederlands - Polski - Deutsch - Türkçe - Arabic	1,680	262673
Display of 15 Bottles of Filetfix® III - Français - Italiano - Español - Português - Nederlands - Polski - Deutsch - Türkçe - Arabic	1,680	262671



Virax supports future installers

Virax helps teachers promote the industry to students. Every year, Virax and teachers create a competition to test the skills of future graduates in a fun way. The best students win prizes to help them get started in their new profession.

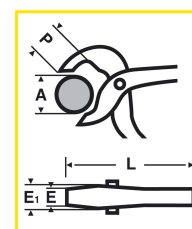
4 ■ CONNECTION / ASSEMBLY

0150 : Wrench to knurling

Advantages

- Efficient and fast: pronounced and regular knurling in just a few steps
- Long lifespan: hardened steel rollers

Knurling tool for tubes and threaded fittings up to 2" for better grip of the fiber.
Interchangeable hardened steel rollers for long life.



A "	A mm	A max.	B mm	L mm	E mm	Kg	Ref.
2	34	48	12	320	14	0,860	015000



AXIAL CRIMPING

2533 : Compact Manual Axial Crimping Tool for PEX series 5

Advantages

- User-friendly: only one hand to crimp or declutch.**
- Gear units to crimp the coupling, elbow, T, nut and threaded.**
- The range is completed by Expansion Pliers Ø 12-20 mm.**

Specific crimping forks design to not damage the coupling during the crimping.
For crimping free nuts Ø 3/8, 1/2, 3/4" and Tees and elbows Ø 12, 16 and 20 mm. (Crimping fork in Ø 20 mm)
Suitable for installation or renovation in a house.
Ergonomic use with Soft Touch® handles.
Effortless handling for an easier work.
Die-cast aluminum design: strong and light weight (only 800g).

Expansion Pliers PEX series 5 : Sheathed handles for a better handling ; End caps treated with cathaphoresis to reduce corrosion risk and to make easier the pipe fitting.

Description	Kg	Ref.
Crimping tool box Ø 12 - 16 - 20 mm + expansion pliers Ø 12 - 16 - 20 mm	2,340	253360
Crimping tool box Ø 12 - 16 - 20 mm	2,000	253350
Expansion pliers Ø 12 - 16 - 20 mm	0,380	253355
Crimping tool box Ø 12 - 16 - 20 mm + expansion pliers Ø 12 - 16 - 20 mm + pipe cutter PC 32	2,540	253361
Gear Ø 12 mm	0,080	753568
Gear Ø 16 mm	0,080	753569
Gear V	0,080	753570
Flat double gear	0,080	753571

Capacities

PEX series 5 Ø 12 - 16 - 20 mm

Delivered with

2 gears Ø 12 mm (Réf. 753568), 2 gears Ø 16 mm (Réf. 753569), 1 double gear V (Réf. 753570), 1 flat double gear (Réf. 753571).
In a case.



4



Much more than just quality, here's the Virax commitment!

Virax commits to total, permanent and durable satisfaction of users and therefore applies a process based on:

- A proactive product plan.
- A constant innovation process.
- A focus on permanent improvement.
- Improved customer services.
- An assurance of optimum availability rate.

Customer satisfaction, the heart of our commitments.

4 CONNECTION / ASSEMBLY

2533 : Manual Axial Crimping Tool for PEX series 5

Advantages

- Quick tool change.
- Effort reducing mechanism. **Quick crimping.**
- Capacity from Ø 12 to 32 mm.

Ergonomic polypropylene handles.

Reset trigger.

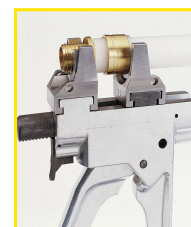
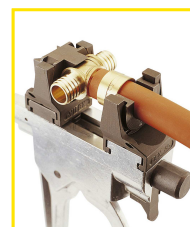
Removable, reversible adaptor to suit the different couplings on the market.

Rapid feed system.

6 reducers and 1 adaptor are available for performing Ø 12, 16, 20, 25 and 32 mm crimps on the following couplings: union, T, 90° elbow, captive or free-turning captive nut.



Description	Kg	Ref.
Ø 16, 20, 25 and 32	3,260	253300
Ø 12, 16, 20 and 32	3,270	253302
Ø 12, 16, 20, 25, and 32	3,310	253303
Machine only	1,250	253380
Case	0,840	253381



Capacities

Ø 12 to 32 mm.

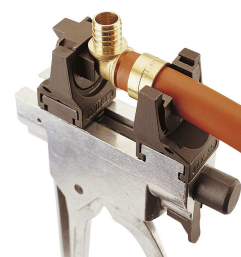
Delivered with

In a plastic case.

2533 : Reducer and adaptor for Axial Crimping Tools 2533

For Axial Crimping Tools ref. 253300, 253302, 253303, 253380.

Description	Kg	Ref.
Reducer Ø 12 mm	0,060	253312
Reducer Ø 16 mm	0,055	253316
Reducer Ø 20 mm	0,045	253320
Reducer Ø 25 mm	0,035	253325
Reducer Ø 32 mm	0,150	253332
"V" Adaptor Ø 12, 16, 20, 25, 32 mm	0,050	253333
Adaptor for Ø 1/2, 3/4, 1" nut	0,050	253334
Adaptor for Ø 3/8" nut	0,100	253335



Virax, French manufacturer

In its Production Centre extending over more than 20,000 m² situated in Epernay, France, Virax manufactures tools and machines designed by its R&D Center to meet the requirements of professionals. Plasturgy, machining, milling, grinding, assembly and painting, all these activities are performed on site for manufacturing control and quality.

RADIAL CRIMPING

2529 : Viper® i26+ Manual Hydraulic Press-Fitting Machine

Advantages

- Multi-material press-fitting, **up to Ø 26 mm** in multiple layers.
- Ergonomic and space-saving**
- Sound indicator at end of crimping.**

Manual hydraulic press-fitting machine for use with insert sets.

Easy feed thanks to a new, optimized, high-performance staged piston hydraulic device with extended service life.

Crimping end indicator: sound signal when reaching maximum pressure.

Minimized weight (only 2.5 Kg): one-handed use thanks to its ergonomic design, slim format and compact head for access to confined spaces.

Head swivels at 180° for easy use in all situations; Fast head opening / closing.

High quality steel hydraulic dispenser, jaw in anticorrosion treated hardened steel.

Machine protected by overpressure valve.

Non-slip Soft Touch® handle for perfect control.

Wide choice of inserts: Virax has inserts for the majority of crimping systems available on the market.

Size: 366 x 63 x 88mm.

Supplied in a case VIRABOX

View all systems compatible with VIRAX inserts and clamps at the end of the catalogue.



Description	Dimensions	Crimping force kN	Kg	Ref.
Viper® i26+ Supplied in a case (without accessories)	390 x 190 x 120	42	3,540	252910
Viper® i26+ inserts RF-P 12 / RF-P 16 / RF-P 20	390 x 190 x 120	42	4,120	252912
Viper® i26+ inserts TH 16 / TH 20 / TH 26	390 x 190 x 120	42	4,250	252913
Viper® i26+ inserts U 16 / U 20 / U 25	390 x 190 x 120	□42	4,250	252922

Capacities

Copper: Ø 12 / 14 / 16 mm.
 PER, PEX: Ø 12 – 25 mm.
 Multilayer: Ø 12 - 26 mm.
 Except inserts HA26 and V15.



Virax and the environment

Virax is committed to environmental protection and sustainable development, as demonstrated by our ISO certification 14001: 2015 for our environmental management system.

Compliance with the REACH Directive no.1907/2006.

Low energy consumption.

Dematerialisation of documentary flows and printing control.

Waste control and reclaiming.

Packaging materials recycled in a partnership with Eco Emballage.

Anticipation of pollution risks.

4 ■ CONNECTION / ASSEMBLY

2535 : Viper® M2X Electro-mechanical Press Fitting Machine

Advantages

Crimping lit and under control: the LED ring lights up the work area at 360° and indicates if the crimping is correct.

A compatible and high-performance CAS battery: 18V Lithium-Ion technology compatible with more than 400 machines from CAS partners (Cordless Alliance System).

Bluetooth® Application: Your crimping machine communicates with your smartphone via the VIR-APP application.

20kN electromechanical compact and light crimping machine, with automatic piston return.

2 machines to better meet your need:

- M2X: "gun" shape is lightweight and handy.
- L2X: "in line" shape is compact and nice to reach fittings in difficult access.

Modular to your need with 2 crimping solution:

- Mother jaw + inserts: compact, lightweight, easy to store and transport.
- Compact jaws: size and weight optimized to one profile/one diameter, allow crimping in very tight spaces.

A smart crimping for maximum safety:

- Automatic checking of the effort with a micro-processor while crimping.
- The circular LED ring indicates if the crimping is correct, the battery charge level or the need to make the preventive maintenance (20 000 cycles).
- Cycle starts only if the battery is enough charged.

High performance CAS Lithium-Ion battery:

- Increased durability: permanent monitoring of each cell while charging ensures a longer battery lifetime.
- Fast and safe charging: ventilated charger for a constant temperature while charging.
- Anticipation for charging: battery charge level indicator.
- Reliable lifetime: long storage possible with almost no self-discharge.

Easy to work with and comfortable:

- Only one button to switch on and start crimping ; automatic shutdown of the machine to save energy.
- Quick crimping cycle ; simple and fast changing of inserts or compact jaws.
- Lightweight (2,1 kg with batterie), optimized size (only 33 cm long with jaw) and gravity center ideally placed, are essential to make a lightweight, compact and handy tool.
- Optimized ergonomic: Soft Touch® anti-slip grip ; 360° rotating head.
- Maximum lightening with no dark area: the circular LED ring around the jaw lights up the work area at 360°.

More efficiency with the application VIR-APP:

- Checking of the number of cycles already done or before the next maintenance.
- Customization of the brightness and the time before stand-by of your crimping machine to optimize comfort at work.
- Creation of job report with essential data (number of crimping, pictures, customer details).

In option, a CAS 18V - 4,0Ah Lithium-Ion HD battery (High Density) ref. 253541.

Sizes M2X (with batterie, without jaw): 263 x 259 x 81 mm.

View all systems compatible with VIRAX inserts and jaws on our web site or at the end of our catalogue.



Composition	Size mm	Kg	Ref.
M2X 18V - 2 batteries 2,0 Ah Li-Ion - Without mother jaw	590 x 390 x 140	5,790	253550
M2X 18V - 2 batteries 2,0 Ah Li-Ion - Mother jaw	590 x 390 x 140	6,940	253551
M2X 18V - Without battery - Without mother jaw	590 x 390 x 140	4,485	253552
M2X 18V - 2 batteries 2,0 Ah Li-Ion - Mother jaw - Inserts RFP12 / RFP16 / RFP20	590 x 390 x 140	7,520	253554
M2X 18V - 2 batteries 2,0 Ah Li-Ion - Mother jaw - Inserts RFP16 / RFP20 / RFP25	590 x 390 x 140	7,450	253555
M2X 18V - 2 batteries 2,0 Ah Li-Ion - Mother jaw - Inserts RFP16 / RFP20 / RFP25 / RFP32	590 x 390 x 140	7,580	253556
M2X 18V - 2 batteries 2,0 Ah Li-Ion - Mother jaw - Inserts TH16 / TH20 / TH26	590 x 390 x 140	7,650	253557
M2X 18V - 2 batteries 2,0 Ah Li-Ion - Mother jaw - Inserts TH16 / TH18 / TH20 / TH26	590 x 390 x 140	7,800	253565
M2X 18V - 2 batteries 2,0 Ah Li-Ion - Mother jaw - Inserts TH16 / TH20 / TH25 / TH32	590 x 390 x 140	7,770	253558

Composition	Size mm	Kg	Ref.
M2X 18V - 2 batteries 2,0 Ah Li-Ion - Mother jaw - Inserts TH16 / TH20 / TH26 / TH32	590 x 390 x 140	7,770	253567
M2X 18V - 2 batteries 2,0 Ah Li-Ion - Mother jaw - Inserts U16 / U20 / U25	590 x 390 x 140	7,410	253559
M2X 18V - 2 batteries 2,0 Ah Li-Ion - Mother jaw - Inserts U16 / U20 / U25 / U32	590 x 390 x 140	7,490	253560
M2X 18V - 2 batteries 2,0 Ah Li-Ion - Mother jaw - Inserts V12 / V14 / V16 / V18 / V22	590 x 390 x 140	7,740	253562
M2X 18V - 2 batteries 2,0 Ah Li-Ion - Mother jaw - Inserts V15 / V18 / V22 / V28	590 x 390 x 140	7,565	253564
M2X 18V - 2 batteries 2,0 Ah Li-Ion - Mother jaw - Inserts R1/4" / R3/8" / R1/2" / R5/8"	590 x 390 x 140	7,580	253566
M2X 18V - 1 battery 2,0 Ah Li-Ion - Mother jaw	590 x 390 x 140	6,500	253569
M2X 18V - 1 battery 2,0 Ah Li-Ion - Without mother jaw	590 x 390 x 140	5,390	253568

Capacities

Copper: Ø 12 - 28 mm / Ø 1/4 - 7/8".
 Stainless steel: Ø 12 - 28 mm.
 PER, PEX: Ø 12 - 32 mm.
 Multilayer: Ø 12 - 32 mm (inserts) - 40 mm (mini crimping jaws).
 Electro-zinc steel (or carbon steel): Ø 12 - 28 mm.

Delivered with

- 1 or 2 Lithium-Ion 18 V batteries - 2,0 Ah, 1 fast charger (except ref. 253552).
- 1 mother jaw (except ref. 253550, 253552 and 253568). Mother jaw alone: ref. 753834.
- In Virabox (590 x 380 x 140 mm, ref. 753544) could contain 6 inserts sets, 2 compact jaws, 2 batteries, 1 charger.

Tips

A maintenance is mandatory every 20 000 cycles.
 Anticipate it by checking the remaining number of cycles before maintenance with the application.



Virax, French manufacturer

Virax is located in Epernay, the Champagne capital, and was founded more than 100 years ago with the launch of its famous "Virax threader", the threader that "Turns around the Axis". Today, the production facility covers more than 20,000 m².

4 ■ CONNECTION / ASSEMBLY

2535 : Viper® L2X Electro-mechanical Press Fitting Machine

Advantages

Crimping lit and under control: the LED ring lights up the work area at 360° and indicates if the crimping is correct.

A compatible and high-performance CAS battery: 18V Lithium-Ion technology compatible with more than 300 machines from CAS partners (Cordless Alliance System).

Bluetooth® Application: Your crimping machine communicates with your smartphone via the VIR-APP application.

20kN electromechanical compact and light crimping machine, with automatic piston return.

2 machines to better meet your need:

- M2X: "gun" shape is lightweight and handy.
- L2X: "in line" shape is compact and nice to reach fittings in difficult access.

Modular to your need with 2 crimping solution:

- Mother jaw + inserts: compact, lightweight, easy to store and transport.
- Compact jaws: size and weight optimized to one profile/one diameter, allow crimping in very tight spaces.

A smart crimping for maximum safety:

- Automatic checking of the effort with a micro-processor while crimping.
- The circular LED ring indicates if the crimping is correct, the battery charge level or the need to make the preventive maintenance (20 000 cycles).
- Cycle starts only if the battery is enough charged.

High performance CAS Lithium-Ion battery:

- Increased durability: permanent monitoring of each cell while charging ensures a longer battery lifetime.
- Fast and safe charging: ventilated charger for a constant temperature while charging.
- Anticipation for charging: battery charge level indicator.
- Reliable lifetime: long storage possible with almost no self-discharge.

Easy to work with and comfortable:

- Only one button to switch on and start crimping ; automatic shutdown of the machine to save energy.
- Quick crimping cycle ; simple and fast changing of inserts or compact jaws.
- Lightweight (2,1 kg with batterie), optimized size (only 33 cm long with jaw) and gravity center ideally placed, are essential to make a lightweight, compact and handy tool.
- Optimized ergonomic: Soft Touch® anti-slip grip ; 360° rotating head.
- Maximum lightening with no dark area: the circular LED ring around the jaw lights up the work area at 360°.

More efficiency with the application VIR-APP:

- Checking of the number of cycles already done or before the next maintenance.
- Customization of the brightness and the time before stand-by of your crimping machine to optimize comfort at work.
- Creation of job report with essential data (number of crimping, pictures, customer details).

In option, a CAS 18V - 4,0Ah Lithium-Ion HD battery (High Density) ref. 253541.

Sizes L2X (with batterie, without jaw): 322 x 121 x 81 mm.

View all systems compatible with VIRAX inserts and jaws on our web site or at the end of our catalogue.



Composition	Size mm	Kg	Ref.
L2X 18V - 2 batteries 2,0 Ah Li-Ion - Without mother jaw	590 x 390 x 140	5,725	253570
L2X 18V - 2 batteries 2,0 Ah Li-Ion - Mother jaw	590 x 390 x 140	6,835	253571
L2X 18V - Without battery - Without mother jaw	590 x 390 x 140	4,385	253572
L2X 18V - 2 batteries 2,0 Ah Li-Ion - Mother jaw - Inserts RFP12 / RFP16 / RFP20	590 x 390 x 140	7,415	253574
L2X 18V - 2 batteries 2,0 Ah Li-Ion - Mother jaw - Inserts RFP16 / RFP20 / RFP25	590 x 390 x 140	7,555	253575
L2X 18V - 2 batteries 2,0 Ah Li-Ion - Mother jaw - Inserts RFP16 / RFP20 / RFP25 / RFP32	590 x 390 x 140	7,685	253576
L2X 18V - 2 batteries 2,0 Ah Li-Ion - Mother jaw - Inserts TH16 / TH18 / TH20 / TH26	590 x 390 x 140	7,695	253585
L2X 18V - 2 batteries 2,0 Ah Li-Ion - Mother jaw - Inserts TH16 / TH20 / TH26	590 x 390 x 140	7,545	253577
DL2X 18V - 2 batteries 2,0 Ah Li-Ion - Mother jaw - Inserts TH16 / TH20 / TH26 / TH32	590 x 390 x 140	7,770	253587

Composition	Size mm	Kg	Ref.
L2X 18V - 2 batteries 2,0 Ah Li-Ion - Mother jaw - Inserts U16 / U20 / U25	590 x 390 x 140	7,305	253579
L2X 18V - 2 batteries 2,0 Ah Li-Ion - Mother jaw - Inserts U16 / U20 / U25 / U32	590 x 390 x 140	7,385	253580
L2X 18V - 2 batteries 2,0 Ah Li-Ion - Mother jaw - Inserts V15 / V18 / V22	590 x 390 x 140	7,290	253581
L2X 18V - 2 batteries 2,0 Ah Li-Ion - Mother jaw - Inserts V12 / V14 / V16 / V18 / V22	590 x 390 x 140	7,635	253582
L2X 18V - 2 batteries 2,0 Ah Li-Ion - Mother jaw - Inserts V15 / V18 / V22 / V28	590 x 390 x 140	7,640	253584
L2X 18V - 2 batteries 2,0 Ah Li-Ion - Mother jaw - Inserts R1/4" / R3/8" / R1/2" / R5/8"□	590 x 390 x 140	7,685	253586
L2X 18V - 1 battery 2,0 Ah Li-Ion - Mother jaw	590 x 390 x 140	6,400	253589
L2X 18V - 1 battery 2,0 Ah Li-Ion - Without mother jaw	590 x 390 x 140	5,290	253588

Capacities

Copper: Ø 12 - 28 mm / Ø 1/4 - 7/8".
 Stainless steel: Ø 12 - 28 mm.
 PER, PEX: Ø 12 - 32 mm.
 Multilayer: Ø 12 - 32 mm (inserts) - 40 mm (mini crimping jaws).
 Electro-zinc steel (or carbon steel): Ø 12 - 28 mm.

Delivered with

- 1 or 2 Lithium-Ion 18 V batteries - 2,0 Ah, 1 fast charger (except ref. 253572).
- 1 mother jaw (except ref. 253570, 253572 and 253588). Mother jaw alone: ref. 753834.
- In Virabox (590 x 380 x 140 mm, ref. 753544) could contain 6 inserts sets, 2 compact jaws, 2 batteries, 1 charger.

Tips

A maintenance is mandatory every 20 000 cycles.
 Anticipate it by checking the remaining number of cycles before maintenance with the application.



Virax is committed to WEEE management

As a manufacturer, Virax has established a process for the recovery of Waste Electrical and Electronic Equipment (WEEE) in accordance with European Directive 2012/19/EU. Virax organises the management and recycling of WEEE at end-of-life, as part of its commitment to the environment.

4 CONNECTION / ASSEMBLY

2532 : Viper® P25+ Battery-Powered Hydraulic Press Fitting Machine

Advantages

- Light:** Only 4 kg with the battery.
- Quick:** very short press fitting cycle (about 5 sec.), with automatic piston return.
- Practical:** 2 frontal lights to light the part to press.

Handy and effective:

Hydraulic press fitting machine 32 kN, with 360° pivoting head and automatic piston return. Lightweight and fast cycle guaranteeing effective and easy work for the user in all working conditions.

Anti-slip Soft Touch® ergonomic handle.

Temperature of use between -10° C and +60° C.

Smart with its electronic card:

Crimping cycle end or interruption indicator

Battery charge indicator

Cycle service indicator at 20 000 cycles with early warning at 19 500.

Automatic machine shutdown to save batteries.

Safety focus:

Crimping clamps locked by a lever at 180° to prevent untimely locking

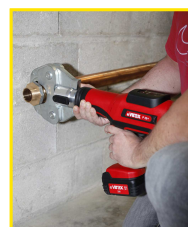
Press fitting machine locked when battery charge insufficient to make a complete cycle

The user may stop crimping at any time with the emergency stop button

Li-Ion 18V / 3 Ah battery: increased crimping time, resists to cold (down to -10°C), Soft Touch® protection reinforcements, minimum auto-discharge and no memory effect.

Size (with battery): 411 x 249 x 93 mm.

View all systems compatible with VIRAX inserts and clamps at the end of the catalogue.



Schema introuv.

Description	Size mm	Crimping force kN	Kg	Ref.
Viper® P25+ 18V – 1 Li-Ion batterie 3Ah	590 x 390 x 140	32-34	8,050	253263

Capacities

Copper: Ø 12 - 54 mm / Ø 1/4 - 1.3/8".

Stainless steel: Ø 12 - 54 mm.

PER/PEX: Ø 12 - 32 mm.

Multilayer: Ø 12 - 110 mm.

Electro-zinc steel (or carbon steel): Ø 12 – 54 mm.

Delivered with

Ref. 253263:

- 1 Li-Ion batterie 18 V - 3 Ah. - 1 fast 85 min. charger. - Without crimping jaws. - In a case.

Virax is committed to a new environmental policy



VIRAX is aware of its environmental role, and speeding up its CSR (Corporate Social Responsibility) action plan in order to maintain a sustainable approach.

2532 - 2535 : Accessories for Press Fitting Machines



4

For	Description	Kg	Ref.
Viper® M2X / L2X / Eurostem® III / Ministem® / Phenix IV 18 V	Battery 18 V - 8 Ah Li-Ion HD CAS	1,060	253545
Viper® M2X / L2X / Eurostem® III / Ministem® / Phenix IV 18 V	Battery 18 V - 4 Ah Li-Ion HD CAS	0,660	253541
Viper® M2X / L2X / Eurostem® III / Ministem®	Battery 18 V - 2 Ah Li-Ion Power CAS	0,465	253540
Viper® M2X / L2X / Eurostem® III / Ministem® / Phenix IV 18 V	240 V Charger EU - for 18 V battery CAS	0,580	253542
Viper® M2X / L2X / Eurostem® III / Ministem® / Phenix IV 18 V	240 V Charger UK - for 18 V battery CAS	0,580	253543
Viper® M2X / Viper® L2X / Viper® M21+ / Viper® ML21+	□Mother jaw	1,100	753834

Viper® M21+ / Viper® ML21+ / Viper® P25+	Battery 18 V - 3 Ah Li-ion	0,790	253505
Viper® M21+ / Viper® ML21+	Battery 18 V - 1,5 Ah - Li-ion	0,450	253506
Viper® M21+ / Viper® ML21+ / Viper® P25+	240 V Charger - for 18 V - Li-ion battery	0,800	253507
Viper® M20+ / P22+	Battery 14,4 V - 2,4 Ah Li-Ion	0,645	253244
Viper® M20+ / P22+	230 V Charger - for 14,4 V battery - 2,4 Ah Li-Ion	0,740	251844

2529 - 2532 : Inserts for Models i10 / i26+ / M20+ / M21+ / ML21+ / M2X / L2X

Lightweight. Compact. Very good value for money. Very high strength steel (33 HRC). Very precise crimping.

Inserts in offset version for certain profiles, allowing crimping as close as possible to an obstacle (e.g. along a wall).

5 year guarantee (except profile).

* Viper® i10 with TH26 Profile: only for Barbi, Comap, Frankische, Giacomini, Idrosanitaria Bonomi, Industrial Blansol, Ipalpex, Somatherm, Tiemme, Valsir.

View all systems compatible with VIRAX inserts and clamps at the end of the catalogue.

** For crimping systems >B< MaxiPro Conex Bänninger



Profile	Ø	Type	i10	i26+	M20+	M21+/ML21+/M2X/L2X	Kg	Ref.
M	12	Off centred	-	-	ok	ok	0,220	252951
M	15	Off centred	-	-	ok	ok	0,205	252952
M	18	Off centred	-	-	ok	ok	0,185	252953
M	22	Standard	-	-	ok	ok	0,185	252954
M	15-18-22	-	-	-	ok	ok	0,850	990156
M	28	Standard	-	-	-	ok	0,140	252955
G	16	Standard	-	ok	-	ok	0,270	252981
G	20	Standard	-	ok	-	ok	0,240	252982
G	26	Standard	-	ok	-	ok	0,190	252983
G	32	Standard	-	-	-	ok	0,160	252984
HA	16	Standard	ok	ok	ok	ok	0,410	252986

4 CONNECTION / ASSEMBLY

Profile	Ø	Type	i10	i26+	M20+	M21+/ML21+/M2 X/L2X	Kg	Ref.
HA	20	Standard	ok	ok	ok	ok	0,360	252987
HA	26	Standard	-	-	ok	ok	0,290	252988
HA	16-20-26	Standard	-	-	ok	ok	1,300	990010
HA	32	Standard	-	-	ok	ok	0,180	252989
R **	1/4"	Off centered	-	-	ok	ok	0,240	253282
R **	3/8"	Off centered	-	-	ok	ok	0,190	253283
R **	1/2"	Off centered	-	-	ok	ok	0,180	253284
R **	5/8"	Off centered	-	-	ok	ok	0,165	253285
R **	1/4"-3/8"-1/2"-5/8"	Off centered	-	-	ok	ok	0,890	990182
R **	3/4"	Standard	-	-	ok	ok	0,160	253286
R **	7/8"	Standard	-	-	ok	ok	0,135	253287
RF-P	12	Standard	ok	-	ok	ok	0,220	253251
RF-P	16	Standard	ok	ok	ok	ok	0,190	253252
RF-P	18	Standard	ok	ok	ok	ok	0,190	253257
RF-P	20	Standard	ok	ok	ok	ok	0,170	253253
RF-P	12-16-20	Standard	ok	ok	ok	ok	0,850	990020
RF-P	25	Standard	-	ok	ok	ok	0,150	253254
RF-P	16-20-25	Standard	-	ok	ok	ok	0,780	990058
RF-P	32	Standard	-	ok	ok	ok	0,130	253255
TH	14	Standard	ok	ok	ok	ok	0,290	252902
TH	14	Off centred	-	-	ok	ok	0,290	253266
TH	16	Standard	ok	ok	ok	ok	0,280	252904
TH	16	Off centred	-	-	ok	ok	0,280	253268
TH	18	Standard	ok	ok	ok	ok	0,260	252906
TH	20	Standard	ok	ok	ok	ok	0,240	252907
TH	20	Off centred	-	-	ok	ok	0,240	253271
TH	25	Standard	-	ok	ok	ok	0,200	252908
TH	26	Standard	ok*	ok	ok	ok	0,190	252909
TH	16-20-26	Standard	ok*	ok	ok	ok	0,850	990019
TH	32	Standard	-	-	ok	ok	0,110	252911
U	14	Off centred	-	-	ok	ok	0,200	253281
U	16	Standard	ok	ok	ok	ok	0,180	252915
U	16	Off centred	-	-	ok	ok	0,170	253272
U	18	Standard	ok	ok	ok	ok	0,170	252916
U	20	Standard	ok	ok	ok	ok	0,160	252917
U	20	Off centred	-	-	ok	ok	0,160	253273
U	25	Standard	-	ok	ok	ok	0,130	252918
U	16-20-25	Standard	-	ok	ok	ok	0,770	990063
U	32	Standard	-	-	ok	ok	0,080	252919
V	12	Standard	-	ok	ok	ok	0,180	252961
V	12	Off centred	-	-	ok	ok	0,170	253274
V	14	Standard	-	ok	ok	ok	0,170	252966
V	14	Off centred	-	-	ok	ok	0,170	253275
V	15	Standard	-	-	ok	ok	0,165	252962
V	15	Off centred	-	-	ok	ok	0,170	253276
V	16	Standard	-	ok	ok	ok	0,160	252967
V	16	Off centred	-	-	ok	ok	0,170	253277

Profile	Ø	Type	i10	i26+	M20+	M21+/ML21+/M2X/L2X	Kg	Ref.
V	12-14-16	Standard	-	ok	ok	ok	0,770	990199
V	18	Standard	-	-	ok	ok	0,160	252963
V	18	Off centred	-	-	ok	ok	0,170	253278
V	22	Standard	-	-	ok	ok	0,130	252964
V	12-15-18-22	Standard	-	-	ok	ok	0,940	990059
V	12-14-16-18-22	Standard	-	-	ok	ok	1,100	990034
V	28	Standard	-	-	ok	ok	0,090	252965

4

2525 : Mini crimping jaws for M21+ / ML21+ / M2X / L2X

Dedicated to the Viper® M21+ / ML21+ / M2X / L2X press fitting machine.
Extremely compact and light, allows for crimping in narrow places and between collectors.
Made in tempered steel, resistant to heavy-stress and corrosion.
5 year guarantee (except profile).
View all systems compatible with VIRAX inserts and clamps at the end of the catalogue.



Ø mm	Profile	Kg	Ref.
16	G	1,800	252529
20	G	1,800	252530
26	G	1,800	252531
40	G	1,800	252556
12	M	1,800	252507
15	M	1,800	252508
18	M	1,800	252509
22	M	1,800	252510
12	RF	1,800	252545
16	RF	1,800	252546
20	RF	1,800	252548
12-16-20	RF	5,500	252590
25	RF	1,800	252549
32	RF	1,800	252550
14	TH	1,800	252512
16	TH	1,800	252514
18	TH	1,800	252516
20	TH	1,800	252517
25	TH	1,800	252518

Ø mm	Profile	Kg	Ref.
26	TH	1,800	252519
16-20-26	TH	5,500	252591
32	TH	1,800	252520
40	TH	1,800	252521
16	U	1,800	252523
20	U	1,800	252525
25	U	1,800	252526
16-20-25	U	5,500	252592
32	U	1,800	252527
40	U	1,800	252528
12	V	1,800	252500
14	V	1,800	252501
15	V	1,800	252502
16	V	1,800	252503
18	V	1,800	252504
22	V	1,800	252505
12-14-16-18-22	V	8,800	252593
12-15-18-22-28	V	8,800	252594
28	V	1,800	252506



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4 CONNECTION / ASSEMBLY

2531: Mother Jaw 32 kN for Inserts for model P25+

Advantages

Weight and space gain thanks to the insert concept.

Compatible: Use with Virax inserts.

Versatile: Adaptable to most electrohydraulic machines in the market.

Economical:

The system [mother jaw + inserts] pays for itself promptly. On average, a set of inserts is twice cheaper than standard crimping jaws.

Practical:

Light and compact in the toolbox instead of standard crimping jaws.

On average, an installation requires 5 sets of inserts (different profiles or diameters). The weight of the mother jaw and 5 sets of inserts is only 2.6 kg, instead of over 10 kg for 5 standard crimping jaws.

Compatible:

Use with Virax inserts on your Virax Viper® P25+ press-fitting machine.

Ball locking is a good compromise between holding and easy extraction of inserts.

Versatile:

The Virax 32 kN mother jaw is assembled on market-standard 32-34 kN power electrohydraulic machines, such as the Virax VIPER® P25+.

Dimensions (mother jaw only): 151 x 103 x 39 mm.

Weight (mother jaw only): 1.480 kg.

Not compatible with electromechanical machines, such as the Virax Viper® P30+.

View all systems compatible with VIRAX inserts and clamps at the end of the catalogue.



Description	Size mm	Crimping force kN	Kg	Ref.
Mother Jaw 32 kN alone	390 x 190 x 120	32	2,390	253163
Mother Jaw 32 kN + Inserts TH16/TH20/TH26	390 x 190 x 120	32	3,100	253164
Mother Jaw 32 kN + Inserts V12/V14/V16/V18/V22	390 x 190 x 120	32	3,190	253165
Mother Jaw 32 kN + Inserts M12/M15/M18/M22/M28	390 x 190 x 120	32	3,325	253166
Mother Jaw 32 kN + Inserts U16/U20/U26	390 x 190 x 120	32	2,860	253167
Mother Jaw 32 kN + Inserts HA16/HA20/HA26	390 x 190 x 120	32	3,450	253168
Mother Jaw 32 kN + Inserts RF-P12/RF-P16/RF-P20	390 x 190 x 120	32	2,970	253169
Mother Jaw 32 kN + Inserts RF-P12/RF-P16/RF-P20/RF-P25	390 x 190 x 120	32	3,120	253170

Capacities

Copper: Ø 12 – 28 mm / Ø 1/4 - 7/8".

Stainless steel: Ø 12 – 28 mm.

PER, PEX: Ø 12 – 32 mm.

Multilayer: Ø 12 – 32 mm.

Electro-zinc steel (or carbon steel): Ø 12 – 28 mm.

Delivered with

The mother jaw itself, ref. 253163, and the mother jaw + insert kits are delivered in Virabox case, with 10 slots for insert sets.

2530 - 2531 : Crimping Jaws for Models P10 / P22+ / P25+ / P30+

Adaptable to all currently available machines. 20 % harder than traditional jaws.

Very high strength steel (33 HRC). Strength tests performed with a pressure of between 12T and 15T applied 10,000 times. 5 year guarantee (except profile).

View all systems compatible with VIRAX inserts and clamps at the end of the catalogue.

* Original Uponor. Crimping ring must be used with the activator jaw 253110.

** Activator jaw for ref. 253126, 253127, 253128, 253129.

*** For crimping systems >B< MaxiPro Conex Bänninger



4

Ø mm	Profile	Kg	Ref.
16	G (Geberit Original)	1,900	253130
20	G (Geberit Original)	1,900	253131
26	G (Geberit Original)	1,900	253132
32	G (Geberit Original)	1,900	253133
40	G (Geberit Original)	1,900	253134
50	G (Geberit Original)	1,900	253135
12	H	1,900	253090
14	H	1,900	253091
16	H	1,900	253092
20	H	1,900	253095
12-16-20	H	7,000	990113
25	H	1,900	253096
26	H	1,900	253097
32	H	1,900	253098
12	M	1,900	253051
15	M	1,900	253052
18	M	1,900	253053
22	M	1,900	253054
28	M	1,900	253055
12-15-18-22-28	M	10,200	990056
35	M	1,900	253056
42	M (3 ELTS)	5,200	253033
54	M (3 ELTS)	5,000	253034
1/4"	R ***	1,750	253040
3/8"	R ***	1,750	253041
1/2"	R ***	1,750	253042
5/8"	R ***	1,750	253043
1/4"-3/8"-1/2"-5/8"	R ***	8,720	990180
3/4"	R ***	1,750	253044
7/8"	R ***	1,750	253045
1"	R ***	1,750	253046
1.1/8"	R ***	1,750	253047
1/4"-3/8"-1/2"-5/8"-3/4"-7/8"-1"-1.1/8"	R ***	17,330	990181
1.3/8"	R ***	1,750	253048
12	TH	1,900	253001
14	TH	1,900	253002
16	TH	1,900	253004

Ø mm	Profile	Kg	Ref.
18	TH	2,040	253006
20	TH	1,980	253007
25	TH	1,900	253008
26	TH	1,900	253009
16-20-26	TH	6,900	990035
32	TH	1,900	253011
40	TH	1,900	253012
50	TH (3 ELTS)	5,000	253016
63	TH (3 ELTS)	4,856	253017
14	U	1,900	253111
16	U	1,900	253112
18	U	1,900	253113
20	U	1,900	253114
25	U	1,900	253115
16-20-25	U	6,300	990057
32	U	1,900	253116
40	U	1,900	253117
50	U	1,900	253118
63	U	5,030	253119
63	U*	2,300	253126
75	U*	2,640	253127
90	U*	3,310	253128
110	U*	3,890	253129
63-110	U**	2,430	253110
12	V	1,900	253060
14	V	1,900	253061
15	V	1,900	253062
16	V	1,900	253063
18	V	1,900	253064
22	V	1,900	253065
12-14-16-18-22	V	10,500	990036
28	V	1,900	253066
12-15-18-22-28	V	10,200	990055
35	V	1,900	253067
42	V	1,900	253068
54	V	1,900	253069

MAINTENANCE



 **virax**
















**PUMP-ACTION
PIPE CLEANER**
290210



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#VIRAXFRENCHMANUFACTURER

5 ■ MAINTENANCE

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5 ■ MAINTENANCE

FREEZER

2210 : Siberia® Electric Pipe Freezer 2"

Advantages

- Economical:** no gas cylinder required.
- Easy to carry:** thanks to its wheels and folding handle.
- Reduced freezing time:** for faster intervention.
- Simple to use** with the thermometer integrated to its freezing heads.

The Siberia® allows radiators and valves to be replaced without emptying the water from the heating system.

It quickly forms an ice plug in the pipe, without polluting the environment thanks to the effectiveness of R290 gas: environmentally friendlier than R404A refrigerant but without compromising on performance.

A thermometer is integrated to the freezing heads to monitor the freezing process. Head integrated tightening screws for easier fastening.

Technical features :

Motor: 230V ~50Hz

Refrigerating power: 309W at -25°C

Protection rate: IP 20

Coolant: R290 55g



Description	Copper tube ext. Ø mm	Copper tube ext. Ø "	Iron tube ext. Ø ext. "	Kg	Ref.
Siberia® Electric Pipe Freezer	12 - 14/15 - 16 - 18 - 22 - 28 - 35 - 42	1/2 - 5/8 - 7/8 - 1.3/8	1/4 - 3/8 - 1/2 - 3/4 - 1 - 1.1/4 - 2	40,000	221070

Capacities

Copper Tube: Ø 10 mm - 3/4" to Ø 54 mm - 2.1/8".

Iron Tube: Ø 1/8" to Ø 2".

Delivered with

16 adaptors diameter 12 - 14/15 - 16 - 18 - 22 - 28 - 35 - 42 (8 pairs), 1 bottle of thermo-conductive paste (ref. 221069).

2210 : Accessories for Siberia® Pipe Freezer

Thermo-conductive paste: for better cold conduction and improved pipe freezing. 150 mL.

Adaptors: sold in pairs.



Description	Standard / Option	Copper tube ext. Ø mm	Copper tube ext. Ø "	Iron tube ext. Ø ext. "	Kg	Ref.
Thermo-conductive paste	Supplied with Siberia®	-	-	-	0,130	221069
2 x Adaptors GR I	Option	10	3/8	1/8	0,385	221025
2 x Adaptors GR II	Supplied with Siberia®	12	1/2	-	0,755	221026

Description	Standard / Option	Copper tube ext. Ø mm	Copper tube ext. Ø "	Iron tube ext. Ø ext. "	Kg	Ref.
2 x Adaptors GR III	Supplied with Siberia®	14 / 15	-	1/4	0,345	221027
2 x Adaptors GR IV	Supplied with Siberia®	16	5/8	-	0,340	221028
2 x Adaptors GR V	Supplied with Siberia®	18	-	3/8	0,335	221029
2 x Adaptors GR VI	Option	20	3/4	-	0,320	221030
2 x Adaptors GR VII	Supplied with Siberia®	22	7/8	1/2	0,290	221031
2 x Adaptors GR VIII	Option	-	1	-	0,280	221032
2 x Adaptors GR A	Supplied with Siberia®	28	-	3/4	0,675	221033
2 x Adaptors GR B	Option	-	1.1/8	-	0,695	221034
2 x Adaptors GR C	Option	32	1.1/4	-	0,645	221035
2 x Adaptors GR D	Supplied with Siberia®	35	1.3/8	1	0,575	221036
2 x Adaptors GR F	Option	-	-	1.1/2	0,315	221038
2 x Adaptors GR E	Supplied with Siberia®	42	-	1.1/4	0,430	221037
2 x Adaptors GR G	Option	54	2.1/8	-	0,190	221039

GAS THIGHTNESS CONTROLLER

2620 : Gas Tightness Controller

Advantages

Very compact: holding in only one hand and being able to be transported easily.

Strong: very resistant composite material.

Ergonomic: easily transportable in its storage bag.

Modern design.

Checks the tightness seal of a gas installation in a pressure less than 50 mbar. its automatic limiting device of pressure avoids any risk of error.



Dimensions mm: 165 x 80 x 80.

Light: 1.280 kg.

Supplied with:

- 1 coupling hose,
- brass couplings: 1/2 G female, 7/8 G male, propan 20/150 male,
- box of seals,
- 1,5 V battery (LR6/AA),
- protective carrying bag.



Pression mbar	Coupling "	Resolution mbar	Kg	Ref.
0 to 60	1 fitting for gas cooker, 1/2 G female, 7/8 G male gasmeter outlet connection, 1 male propan fitting 20/150	1	1,280	262080



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5 ■ MAINTENANCE

2626 : Leak Detector

For testing all gas or compressed air circuits. Replaces soapy water for detecting leaks in gas installations. Will show up even the smallest leaks when sprayed on the surface to be checked.

Packaging	Kg	Ref.
1 spray can - 400 ml	0,480	262630



TEST PUMP

2620 : Manual Test Pump

Advantages

EA85 anti-limestone patent: to avoid blockages caused by over-hard water.

Easy to use: for pumping, testing and bleeding with a single button.

Small size for the tightest of locations.

4 pump models for your seal tests (for leak testing on water installations- plumbing, individual central heating, etc.).

Virax EA85 anti-limestone patented system: Prevents blockages due to hard water, or other deposits, on the ball in the piston (50 bar models only).

Plastic tank: light and shock resistant (max.: 4.3 kg).

Accurate result with a 1.6 class manometer. Easier reading with 1 bar grading.

High pressure hydraulic hose (1.5 m). Practical implementation.

Nylon strainer (filter) on intake **to block particles** exceeding 0.1 mm diameter to protect the pump mechanism and the customer's installation against dirt.

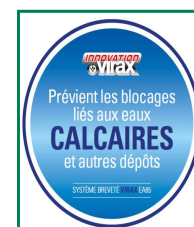
Soft Touch® ergonomic lever for working comfortably.

Easy to carry thanks to a lever locking mechanism.

Fluids accepted: water, Glycol (requires rinsing after use), oil (requires rinsing after use).

Connect 5L 50Bar test pump:

Test pump application available on Android/iOS for:



- Write and transfer an intervention report

Description	Presssure bar	Coupling "	Tank capacity L	Kg	Ref.
Manual test pump	50	1/2 - 3/8	5	3,650	262035
Connect test pump	50	1/2 - 3/8	5	3,750	262036
High volume test pump	50	1/2 - 3/8	10	4,100	262015
High pressure test pump	100	1/2 - 3/8	10	4,290	262005



Virax is ISO 9001, ISO 14001 and ISO 45001 certified

Virax has received multiple awards for excellence in its Quality (ISO 9001 – 2015 version), Environment (ISO 14001 – 2015 version) and Health and Safety (ISO 45001 – 2018 version) management system.

2620 : Electric Test Pump

Advantages

Sturdy: Structure and handle in lightweight ABS.

Powerful: 6 l/min – 40 bar.

Autonomous: Can suck fluid from a tank.

For leak testing on water installations (plumbing, individual central heating...).

Fast and effective work.

Accurate results with **its glycerine manometer with 1 bar grading.**

Easy to carry thanks to its compact design and carry handle.

Shock and corrosion resistant.

Self-extracting up to 1 m if no water intake available.

Fluids accepted: water, Glycol (requires rinsing after use).



5



Description	Presssure bar	Coupling "	Self-extracting capacity m	Kg	Ref.
Electric test pump	40	1/2	1	18,000	262070

GRINDING TOOL

2621 : Rodor® Tap Reamer

Tap seat grinding tool. Spring holds cutter in contact with the tap seating. Cutter with serrated underside, screws on to cutter-holder.

M7 thread. Taper ensures a correct fit on the head of the tape.

Cutter-holder no.1 : internally and externally threaded tapered cone.

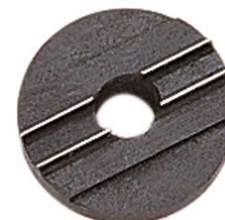
Cutter-holder no.2: triple cone: for servicing of bath, basin, kitchen and bib taps.



Characteristic	Kg	Ref.
Cutter-holder no.1 and cutters Ø 11 - 13 - 14 - 15 - 16 - 18 - 20 - 22 mm	0,305	262191
Cutter-holder no.1	0,235	262181
Cutter-holder no.2	0,390	262182

2621 : Cutter For Rodor Tap Reamer

Cutter with serrated underside, screws on to cutter-holder. M7 thread for cutter-holders n° 1 & 2.



5 ■ MAINTENANCE

Cutter-holder	Ø mm	Kg	Ref.
no. 1, 2, 3 or 5	11	0,005	262111
no. 1, 2, 3 or 5	12	0,005	262112
no. 1, 2, 3 or 5	13	0,005	262113
no. 1, 2, 3 or 5	14	0,010	262114
no. 1, 2, 3 or 5	15	0,010	262115
no. 1, 2, 3 or 5	16	0,010	262116

Cutter-holder	Ø mm	Kg	Ref.
no. 1, 2, 3 or 5	18	0,010	262118
no. 1, 2, 3 or 5	20	0,015	262120
no. 1, 2, 3 or 5	22	0,020	262122
no. 1, 2, 3 or 5	26	0,025	262126
no. 1, 2, 3 or 5	32	0,040	262132

BOILER & RADIATOR LIFTS

2636 : Radiator Lift

Advantages

- Self-braking winch **for loads up to 150 kg.**
- An extension **to adapt to vertical radiators.**
- Folding handle and winch, **practical for storage.**

Integrated extension ideal for installing vertical radiators (does not require any tools for mounting).

Integrated telescopic radiator lock for more safety and stability during movement.

Deep tray (22 cm) to accommodate most radiators.

Folding arm and winch to save space during storage.

New self-braking winch for more safety and less effort during handling operations.

Numerous protective rubber strips.

- Lifting Height: 0.57 m,

- Overall Width: 0.68 m.

Description	Kg	Ref.
Radiator lift	40,000	263605



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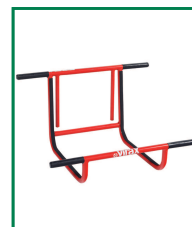
2636 : Water Heater Lift 100% foldable

Advantages

- 100% foldable: saves storage space.
- Maximum safety: self-braking winch.

100% foldable: ground forks, lifting forks, winch handle, and arm easily fold to save space when storing and for easier transport, even in a small vehicle.

*Compatible only with the cylinder/ water heater lift ref. 263620



5

Description	Max load kg	Max lifting height without / with extension m	Kg	Ref.
Water Heater Lift 100% foldable	180 / 150	1,17 / 1,90	44,000	263620
Horizontal cradle*	150	1,87 / 2,32	4,000	263625
Radiator adaptor*	150	1,18 / 1,91	11,000	263626

SNAKE PIPE CLEANER

2901 : Furet Auger Pipe Cleaner

Simple, economical pipe cleaner for everyday use.

Hot-galvanised close wound steel wire cable: very flexible able to follow very tight radius bends (less than 3 times tool diameter). Sleeve to facilitate rotation.



cable Ø mm	L cable m	Pipe Ø mm	Brush type	Kg	Ref.
15	5,00	80	Claw 42 mm	5,900	290140



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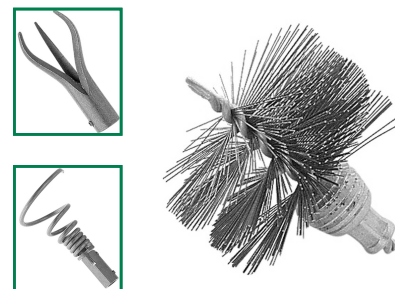
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5 ■ MAINTENANCE

2901 : Accessories for Furet Auger



Description	For	Use	Ø mm	L m	Kg	Ref.
Extension	Furet no. 4	-	15	5,00	5,400	290141
Steel brush	Furet no. 3	Finishing tool for scraping	50	-	0,035	290132
Steel brush	Furet no. 4	Finishing tool for scraping	80	-	0,300	290142
Claw	Furet no. 4	To drill through blockages	42	-	0,070	290145
Corkscrew head	Furet no. 4	To retrieve lost objects: cloths, etc	80	-	0,250	290146

PRESSURE PIPE CLEANER

2902 : Pump-Action Pipe Cleaner

Advantages

- 2 robust non-slip Soft Touch® handles.**
- Single body**, resistant to impact and domestic pipe cleaning products.
- 2 end pieces** for all types of pipe cleaning, easy to put on and take off.

Professional pump-action pipe cleaner for wash hand basins, sinks, showers toilets, etc..

Works in both pressure and suction.

Back and forward movement facilitated by the seal protected by water resistant marine grease.

Interior seal perfectly waterproof to guarantee maximum pressure during difficult pipe cleaning operations.

Specially designed end pieces to facilitate introduction and limit flow back.

Body and end pieces resistant to domestic pipe cleaning products (caustic soda or 20% diluted hydrogen chloride based).



Contents	Kg	Ref.
1	2,100	290210



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2901 : Pipe Cleaner Gun

Advantages

Pressure:

up to 6 bars for pipes up to Ø 100 mm.

Efficiency:

98% of energy is directed forward to free blocked pipes.

Safe:

only 2% of released energy acts on the pipe walls.

Ideal for blockages far away from the siphon.

This cleaner uses the kinetic energy stored in the cylindrical body (max. 6 bar) to remove blockages formed by grease, soap, wash water, hair, paper, cloth, etc.

For cleaning domestic drainage pipes of max. internal Ø 100mm (sinks, wash hand basins, urinals, bath-tubs, etc.), as well as toilet if fitted with the optional extension (290151). Integrated manometer to measure the pressure to be applied.

Supplied in a case.

Kg	Ref.
2,800	290150



5



2901 : Toilet Extension for Pipe Cleaner Gun

Enables toilets to be unblocked by applying the handle directly into the bowl.

Kg	Ref.
0,740	290151

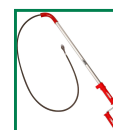


MANUAL CABLE PIPE CLEANER

2905 : Closet Auger

Crank for rotation or back-and-forth movement. Plastic elbow to avoid scratching enamel. Scroll shaped jointed head. Articulated auger head. Double turnover steel core. Carrying hook. Ref. : Telescopic shaft.

Ø mm	Max. reach cm	Kg	Ref.
12,5	85	2,400	290510
12,5	160	2,700	290520



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5 ■ MAINTENANCE

2906 : Drum-Type Manual Pipe Cleaner

Pipe cleaner. Lacquered metal reel. Fast cable storage. Lock screw.
Adjustable anti-ejection system: prevents untimely cable exit and loss.
Supplied with a pair of gloves.



Contents	Pipe Ø mm	cable Ø mm	L cable m	Max. reach m	Kg	Ref.
1	25 - 50	6,40	7,50	7,50	2,075	290600

2906 : Accessory for Drum-Type Manual Pipe Cleaner

Tools	Ø mm	L m	Kg	Ref.
Cable and boring gimlet	6,40	7,50	1,230	290605

2906 : Professional pipe cleaner VAL 26

Advantages

- Flexible and strong cleaning cables.
- Handy and light.
- For use by hand or with a power drill (not supplied).

Manual cable pipe cleaner for piping Ø25-75mm, maximum cable length 10m.

Supplied with cleaning cable Ø 7 mm, length 7.5 m, for piping Ø 25-50 mm :

- **Highly flexible** for **fast advance** in the piping, even in narrow pipe curves and elbows.
- Jointed auger for **easy passage in the elbows**.
- **High strength**, special high grade steel, **with steel core**.

Handy and light, **only 2.7kg** cable included.

Used manually for easy obstructions easy to remove.

Used with power drill (not supplied) **for tough obstructions:**

- Crank removable in a few seconds **without tools**.
- Hew adapter at the centre of the drum.
- Ergonomic Soft Touch® grip for **excellent control in rotation**.

Adjustable anti-ejection system: **prevents untimely cable exit and loss** inside the piping.

Plastic **anti-shock** and **anti-corrosion** drum with large openings for better viewing of the cable and faster drying after cleaning.

Chuck Ø 13 mm to tighten cleaning pipes of different diameters.

Supplied with a pair of gloves.

Optional capacities with cables Ø 10 mm / length 7.5 m and Ø 8 mm / length 10 m.



Pipe Ø mm	Reach m	Kg	Ref.
25 to 50	7,50	3,350	290640

Tips

After each intervention: clean the cable and protect it against rust with pipe cleaner oil reference 290400.

2906 : Cables for professional pipe cleaner VAL 26



5

Description	Ø mm	L m	Steel-cored	Pipe Ø mm	Kg	Ref.
Cable and articulated gimlet	7	7,50	Yes	25 to 50	1,650	290645
Cable and articulated gimlet	10	7,50	Yes	50 to 75	3,450	290646
Cable and articulated gimlet	8	10,00	No	50 to 75	2,500	290647

2904 : Pipe Cleaner Oil

Specially formulated for maintaining and cleaning pipe cleaning tools. Avoids oxidation, lubricates, disinfects and deodorises. To be applied after each pipe cleaning operation.

L	Kg	Ref.
1	1,000	290400



ELECTRIC CABLE PIPE CLEANER

2910 : Portable Electric Drum Type Pipe Cleaner VAL 35

Advantages

For pipes Ø 30 to 75 mm.
Variable speed control.

Manual cable feed and return.

Cable: Ø 8 mm (also exists in Ø 6.3 and 9.5 mm).

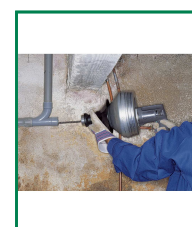
Length 7.5 m (also exists in 10.5 and 15 m, depending on diameters).

Composed of a robust steel wire rolled around a 49-strand thermally treated metal core.

Light alloy casing. Cable feed adjustment knob and handle to lock the cable. Simple cartridge change thanks to its specially designed chuck to adapt to different cable diameters.

Motor: 230 V / 275 W / 50 Hz, Reversible right/left, 0 to 400 rpm.

Cable included as standard Ø 8 mm Lg 7,5 m ref. 291013 (non-replacable fixed auger).



Type	Pipe Ø mm	cable Ø mm	Feed / Return	Reach m	Kg	Ref.
VAL 35	40 - 50	8	Manual	7,50	11,300	291000

5 ■ MAINTENANCE

2910 : Pipe Cleaner Cable VAL 35 / VAL 35E

VAL 35: cable included as standard Ø 8 mm Lg 7,5 m ref. 291013 (non-replacable fixed auger).
VAL 35E: cable included as standard Ø 8 mm Lg 7,5 m réf. 291014 (replacable hinger auger, ref. 291026 only).



For	Ø mm	L m	Tools	Use	Kg	Ref.
VAL 35/35E	6,3	7,50	Boring gimlet	Bath-tubs and showers	2,050	291011
VAL 35/35E	6,3	15,00	Boring gimlet	Bath-tubs and showers	3,870	291012
VAL 35/35E	8	7,50	Boring gimlet	Basins, sinks	2,700	291013
VAL 35/35E	8	7,50	Articulated gimlet	Basins, sinks	2,660	291014
VAL 35/35E	9,5	10,50	-	Roof drains, toilets	4,380	291016

2910 : Tools for Pipe Cleaner VAL 35 / VAL 35E

Check that your tool diameter matches your cable diameter.

VAL 35: cable included as standard Ø 8 mm Lg 7,5 m ref. 291013 (non-replacable fixed auger).
VAL 35E: cable included as standard Ø 8 mm Lg 7,5 m ref. 291014 (replacable hinger auger, ref. 291026 only).



Description	Characteristic	Use	cable Ø mm	Kg	Ref.
Arrow head	Start drilling obstructions	-	9,50	0,010	291217
Toothed blades Ø 50 mm	Cutting and scraping walls	-	9,50	0,040	291212
Arrow head	For passing through short, tight bends	-	9,50	0,030	291017
Boring gimlet	For passing through short, tight bends	Removal, drainage	9,50	0,040	291019
Feed	Retrieving objects	-	9,50	0,050	291213
Smooth knives Ø 38 mm	Finishing tools	Grease stoppages	9,50	0,040	291211
Articulated connector	Others	All portable electric pipe cleaners	9,50	0,040	291020
Boring gimlet	For passing through short, tight bends	Removal, drainage	8,00	0,030	291026



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2912 : Electric Drum Type Pipe Cleaner VAL 80 / VAL 80E

Advantages

Essential for any clearing on drain Ø 30 mm to 100 mm.
Effective thanks to its steel-cored cable of 22,5 m, for an optimal ratio resistance/flexibility.
Powerful motor, reverse switch up to 165 trs/min.

VAL 80 : manual cable feed and return.

VAL 80E: Electric cable feed and return. Clutching by automatic cable advance. Electric cable roller. **Folding transportable trolley.**

Electric rotation with pneumatic pedal.

Ø 9.5 mm cable composed of a robust steel wire rolled around a 49-strand thermally treated metal core. Distribution tube inside the drum to insert or remove the cable quickly.

Metal drum with opening for cleaning and lubrication, removable for transport or for changing the cable.

Can receive cables of 7.5 or 15 m, or a drum and a cable of Ø 6.3 or Ø 8 mm to work in small pipes (wash hand basin, etc.).

Motor: 230V / 50 Hz / 250W, Reversible right/left, 0 to 165 rpm.

Supplied with:

- 1 pair of gloves,
- 1 cable Ø 9,5 mm, Lg 22,50 m ref. 291214,
- 1 gimlet ref. 291213,
- 1 smooth knife Ø 38 mm ref. 291211,
- 1 toothed blade Ø 50 mm ref. 291212,
- 1 arrow head ref. 291217.



5



Type	Pipe Ø mm	cable Ø mm	Feed / Return	Reach m	Kg	Ref.
VAL 80	50 - 75	9,50	Manual	22,5	36,000	291200
VAL 80E	50 - 75	9,50	Automatic	22,5	48,200	291201

2912 : Pipe Cleaner Cable VAL 80 / VAL 80E

VAL 80 / VAL 80E: cable included as standard Ø 9,5 mm, Lg 22,50 m ref. 291214.



For	Ø mm	L m	Tools	Use	Kg	Ref.
VAL 80/80E	9,5	22,50	-	Roof drains, toilets ...	10,500	291214
VAL 80/80E	12,7	22,50	-	Pipes Ø 50-100 mm	17,500	291216

2912 : Tools for Pipe Cleaner VAL 80 / VAL 80E

Check that your tool diameter matches your cable diameter.



5 ■ MAINTENANCE

Description	Characteristic	Use	cable Ø mm	Kg	Ref.
Arrow head	Start drilling obstructions	-	9,50-12,70	0,010	291217
Toothed blades Ø 50 mm	Cutting and scraping walls	-	9,50-12,70	0,040	291212
Toothed blades Ø 75 mm	Cutting and scraping walls	-	12,70	0,050	292026
Toothed blades Ø 100 mm	Cutting and scraping walls	-	12,70	0,060	292027
Toothed knives Ø 50 mm	Cutting and scraping walls	-	12,70	0,110	292032
Arrow head	For passing through short, tight bends	-	9,50	0,030	291017
Boring gimlet	For passing through short, tight bends	Removal, drainage	9,50	0,040	291019
Rotating saw blade Ø 100 mm	Shredding branches and other materials	Cutting and scraping walls	12,70	0,140	292016
Feed	Retrieving objects	-	9,50-12,70	0,050	291213
Smooth knives Ø 38 mm	Finishing tools	Grease stoppages	9,50-12,70	0,040	291211
Articulated connector	Others	All portable electric pipe cleaners	9,50-12,70	0,040	291020

2920 : Electric Drum Type Pipe Cleaner: VAL 90

Advantages

Specially designed for large diameter pipes, 75 to 250 mm.

Effortless movement: loading wheel, tracks for going up and down stairs, ball bearing Ø 25 cm wheels.

Perfect result thanks to the 8 tools supplied and its steel core cable for an optimum resistance/flexibility ratio.

Ø 16 mm (also exists in Ø 19 mm) 30 m long cable (extendible to 60 m) composed of a robust steel wire rolled around a 49-strand thermally treated metal core.

Clutching for automatic cable feed and return with motorised variable speed mechanism to facilitate cable insertion and removal.

Pneumatic pedal to activate the motor and the safety circuit breaker. Open cage drum with distributor tube to avoid knots and see the quantity of cable remaining. Integrated toolkit.

Supplied with:

- 1 pair of gloves.
- 1 cable Ø 16 mm, Lg 30 m ref. 292028.
- 1 84 cm long flexible head to intervene in tight bends, siphons ref. 292015.
- 2 toothed blades to cut and scrape walls in Ø 75 or 100 mm ref. 292027.
- 1 harpoon head to start pipe cleaning and drill through deposits ref. 292011.
- 1 large corkscrew to recover objects ref. 292014.
- 1 toothed blade to cut and scrape walls in Ø 50 mm ref. 292032.
- 1 rotating saw blade for crushing branches and other materials, in Ø 100 mm ref. 292016.
- 1 spiral saw blade for crushing roots, branches and other materials, in Ø 75 mm ref. 292021.



Motor	Pipe Ø mm	Max. reach m	cable Ø mm	Kg	Ref.
230V / 0 to 170 rpm - 50Hz / 375 W - Reversible right/left	75 - 150	60,00	16	107,500	292030



Virax, French manufacturer

Virax is located in Epernay, the Champagne capital, and was founded more than 100 years ago with the launch of its famous "Virax threader", the threader that "Turns around the Axis". Today, the production facility covers more than 20,000 m².

2920 : Pipe Cleaner Cable VAL 90

VAL 90 : cable included as standard Ø 16 mm, Lg 30 m ref. 292028.



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For	Ø mm	L m	Tools	Use	Kg	Ref.
VAL 90	16	30,00	-	Pipes Ø 75-150 mm	37,500	292028
VAL 90	19	30,00	-	Pipes Ø 100-250 mm	47,000	292031

2920 : Tools for Pipe Cleaner VAL 90

Check that your tool diameter matches your cable diameter.



Description	Characteristic	Use	cable Ø mm	Kg	Ref.
Harpoon head	Start drilling obstructions	-	16-19	0,080	292011
Toothed blades Ø 75 mm	Cutting and scraping walls	-	16-19	0,050	292026
Toothed blades Ø 100 mm	Cutting and scraping walls	-	16-19	0,060	292027
Toothed knives Ø 50 mm	Cutting and scraping walls	-	16-19	0,110	292032
Flexible head length 84 cm	For passing through short, tight bends	Long siphons	16-19	2,060	292015
Spiral saw blade Ø 75 mm	Shredding branches and other materials	Roots	16-19	0,180	292021
Rotating saw blade Ø 100 mm	Shredding branches and other materials	Cutting and scraping walls	16-19	0,140	292016
Large corkscrew	Retrieving objects	-	16-19	0,170	292014



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5 ■ MAINTENANCE

2931 : Cable segment pipe cleaner VAL 96QC

Advantages

'Quick Change' system: instant swapping of Ø 16 mm and Ø 22 mm cables, without tools.

Easily transportable: easy to store in a chest, cable sections are supplied in independent cages.

Continuous drive shaft: excellent protection against used water flow on the motor, as well as electrical and mechanical parts.



For Ø 50 to 150 mm piping, maximum length 70 m.

Electrical motor 750 W, right / left reversible, 690 rpm, 24 kg, IP44, maintenance-free, delivering high torque for effective pipe cleaning.

Timed belt for smooth motor power transmission. High wear resistance.

Electrical connection cable with built-in differential circuit breaker (PRCD) providing optimum protection of the pipe cleaner but also the user.

External drive jaws allowing instant cable changing; sealed, life lubricated, maintenance free bearings.

Sheathed grip for clutch and transport.

Manual cable feed for fast and accurate approach of the tool towards the plug.

Guide pipe to prevent waste water projections in the work environment.

Fastening pin securing the cable to the pipe cleaner when adding or removing a section (prevents untimely loss of the section engaged in the piping).

Feet with rubber anti-slip protection for better operating stability.



Cable sections with tempering optimized to guarantee flexibility allowing several elbows to be passed.

Metallic cable section storage and transport cage.

Simple and fast section connection / separation, T coupler for secured holding.

According to the model, special cable sections with plastic core, ideal to avoid inner cable fouling, easier to clean.

Cable sections and tools compatible with most cable segment cleaner in the market.

Description	Ø 16 mm	Ø 22 mm	Pipe Ø mm	Max. reach m	Kg	Ref.
VAL 96QC machine only	-	-	-	-	29,500	293140
VAL 96QC Ø 16 and Ø 22 mm	5 x 2.30 m - Set of 3 tools	5 x 4.50 m - Set of 5 tools	50 - 150	70	69,400	293130
VAL 96QC Ø 16 and Ø 22 mm with plastic core	5 x 2,30 m with plastic core - Set of 3 tools	5 x 4,50 m with plastic core - Set of 5 tools	50 - 150	70	72,800	293133

Capacities

Cable section Ø 16 mm / 2.30 m: for Ø 50 – Ø 100 mm piping, max length 40 m.

Cable section Ø 22 mm / 4.50 m: for Ø 70 – Ø 150 mm piping, max length 70 m.

Delivered with

Guide pipe, pair of gloves, user manual.

Cable sections according to model:

- Ø 16 mm: 5 sections Ø 16 mm / 2.3 m + transport cage.
- Ø 16 mm with plastic core: 5 sections Ø 16 mm / 2.3 m + transport cage.
- Ø 22 mm: 5 sections Ø 22 mm / 4.5 m + transport cage.
- Ø 22 mm with plastic core: 5 sections Ø 22 mm / 4.5 m + transport cage.

Tool sets according to model (supplied in a case VIRABOX):

- Set of 3 tools for Ø 16 mm sections: straight spiral head Ø 16 mm (293158), bulb spiral head Ø 28 mm (293159), arrow blade head Ø 25 mm (293160), 1 uncoupling wrench Ø 16 mm (293162).
- Set of 5 tools for Ø 22 mm sections: straight spiral head Ø 22 mm (293163), bulb spiral head Ø 40 mm (293164), conical spiral head Ø 55 mm (293165), toothed knife head Ø 76 mm (293166), toothed mill head Ø 65 mm 4 blades (293168), 1 uncoupling wrench Ø 22 mm (293169).

Tips

The cable sections and tools are compatible with most pipe cleaners with a cable section Ø 16 mm / Ø 22 mm.

2931 : Pipe Cleaner Cable VAL 95 / VAL 96QC



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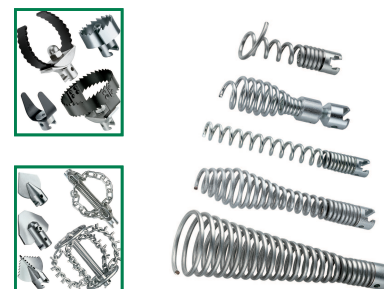
For	Ø mm	L m	Tools	Use	Kg	Ref.
VAL 95/96QC	16	2,30	-	Pipes Ø 50-100 mm	1,010	293111
VAL 95/96QC	16	5 x 2,30	With metal cage	Pipes Ø 50-100 mm	7,200	293141
VAL 95/96QC	16	2,30	Plastic core	Pipes Ø 50-100 mm	1,150	293170
VAL 95/96QC	16	5 x 2,30	Plastic core - With metal cage	Pipes Ø 50-100 mm	7,900	293143
VAL 95/96QC	16	-	Metallic cage only	-	2,120	293155
VAL 95/96QC	22	4,50	-	Pipes Ø 70-150 mm	3,910	293112
VAL 95/96QC	22	5 x 4,50	With metal cage	Pipes Ø 70-150 mm	22,100	293142
VAL 95/96QC	22	4,50	Plastic core	Pipes Ø 70-150 mm	4,370	293172
VAL 95/96QC	22	5 x 4,50	Plastic core - With metal cage	Pipes Ø 70-150 mm	24,400	293144
VAL 95/96QC	22	-	Metallic cage only	-	2,530	293157

2931 : Tools for Pipe Cleaner VAL 95 / VAL 96QC

Check that your tool diameter matches your cable diameter.

Ref. 293150: Set of 3 tools for Ø 16 mm sections: straight spiral head Ø 16 mm (293158), bulb spiral head Ø 28 mm (293159), arrow blade head Ø 25 mm (293160), 1 uncoupling wrench Ø 16 mm (293162).

Ref. 293151: Set of 5 tools for Ø 22 mm sections: straight spiral head Ø 22 mm (293163), bulb spiral head Ø 40 mm (293164), conical spiral head Ø 55 mm (293165), toothed knife head Ø 76 mm (293166), toothed mill head Ø 65 mm 4 blades (293168), 1 uncoupling wrench Ø 22 mm (293169).



Description	Characteristic	Use	cable Ø mm	Kg	Ref.
Straight spiral head	Sampling or bursting	Fabric, paper, cellulose	16	0,060	293158
Straight spiral head	Sampling or bursting	Fabric, paper, cellulose	22	0,170	293163
Swivel head	For passing through short, tight bends	Fabric, paper, cellulose	16	0,060	293171
Bulb spiral head	Pipe cleaning	Fabric, paper, cellulose	16	0,070	293159
Bulb spiral head	Pipe cleaning	Fabric, paper, cellulose	22	0,220	293164
Conical spiral head	Bursting, pushing or recovering	Fabric, paper, cellulose	22	0,280	293165
Collection head	Retrieving objects	Fabric and miscellaneous object plugs	16	0,035	293175
Collection head	Retrieving objects	Fabric and miscellaneous object plugs	22	0,110	293173
Arrow head	Drilling	Fat, soft or soapy plugs	16	0,030	293160
Arrow blade head	Coring	Piping blocked by sand or sludge	22	0,150	293167

5 ■ MAINTENANCE

Description	Characteristic	Use	cable Ø mm	Kg	Ref.
Toothed mill head	Pre-bursting before finish	Hardened plugs, built-up fabric and sludge	16	0,030	293161
Toothed mill head	Pre-bursting before finish	Hardened plugs, built-up fabric and sludge	22	0,200	293168
Smooth knife head	Cleaning and finish	Fat deposits and pipe scale	16	0,160	293179
Smooth knife head	Cleaning and finish	Fat deposits and pipe scale	22	0,530	293180
Toothed knife head	Heavy-duty cleaning and finish	Fat and scale deposits	22	1,110	293181
Knife head	Cutting and scraping	Stubborn deposits, fat deposits, sludge, fabric shredding	16	0,020	293174
Knife head	Cutting and scraping	Fatty deposits, siltation and roots	22	0,230	293166
Saw head	Cutting and shredding	Small branches and other materials	16	0,040	293176
Root cutting head Ø65mm	Cutting and shredding	Small branches, roots, and other tough materials	22	0,250	293177
Root cutting head Ø90mm	Cutting and shredding	Small branches, roots, and other tough materials	22	0,290	293178
Coupling wrench	For coupling and uncoupling cable sections and tools	-	16	0,020	293162
Coupling wrench	For coupling and uncoupling cable sections and tools	-	22	0,030	293169
Set of 3 tools for Ø 16 mm sections	-	-	16	0,180	293150
Set of 5 tools for Ø 22 mm sections	-	-	22	1,140	293151

2931 : Pipe Cleaner Accessories VAL 96QC

Guide pipe : to stabilize cables in rotation, protect and secure the workspace.

Description	For	Kg	Ref.
Guide pipe	VAL 96QC	4,160	293153



Much more than just quality, here's the Virax commitment!

Virax commits to total, permanent and durable satisfaction of users and therefore applies a process based on:

- A proactive product plan.
- A constant innovation process.
- A focus on permanent improvement.
- Improved customer services.
- An assurance of optimum availability rate.

Customer satisfaction, the heart of our commitments.

HIGH PRESSURE PIPE CLEANER

2932 : Pro HP Cleaner-Clearer

Advantages

- Mobile and complete** for semi-intensive use.
- Quickly wash** your sites, frontage using the low pressure / high pressure lances.
- Strip the toughest surfaces deep** down thanks to the rotating nozzle lance.
- Clean blocked pipes effectively** with the 3 retro-jet nozzle.

A professional quality assembly:

- 2800 rpm motor for semi-intensive use.
- Brass axial pump and stainless steel pistons for maximum endurance.
- Automatic shut off function to preserve the motor and reduce electricity consumption.
- Non-deforming, shock-resistant PE injected hood.
- Large diameter moulded hub wheels to cross any obstacle.

High pressure washing function:

- Gun with lockable trigger.
- Sheathed HP/LP multi-jet lance.
- Rotating nozzle lance: cleaning power doubled.
- 1 pro HP hose (12 m) on roller with brake.
- 2 removable 0.6 l. detergent tanks that can be controlled separately.

Pipe cleaning function:

- Cleans and unblocks all types of pipe obstructed by grease or friable materials such as grease, silt, soap, sand and clay.
- 3 retro-jet nozzle (1/8"): simply guide the hose which moves forward thanks to the pressure.
- 20 m pipe cleaning hose.

Power supply: 230V - 50Hz

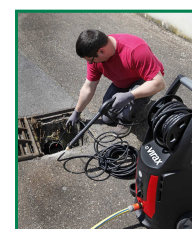
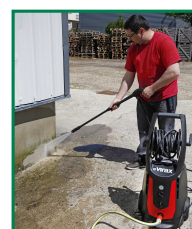
Pressure bar	Pump flowrate l/min	Drilling speeds rpm	Motor rating kW	Max. reach m	Pipe Ø mm	Kg	Ref.
160	10	2800	3	12 (HP hose) - 20 (pipe cleaning hose)	40 - 100	24,000	293230

Capacities

Ø 40 mm to 100 mm.
Continuous usage time per day: 1h30.

Delivered with

- 1 gun,
- 1 HP/LP multi-jet lance,
- 1 rotating nozzle lance,
- 1 Pro HP hose (12 m),
- 1 3 retro-jet nozzle ((1/8"),
- 20 m pipe cleaning hose (Ref. 753578) with crimped nozzle.



5



Virax supports future installers

Virax helps teachers promote the industry to students. Every year, Virax and teachers create a competition to test the skills of future graduates in a fun way. The best students win prizes to help them get started in their new profession.

5 ■ MAINTENANCE

2932 : Electric High Pressure Pipe Cleaner

Advantages

Hard-wearing and high performing, for intensive use.
Cleans and unblocks all types of pipe: Ø 50-150 mm.
Rotating nozzle lance: cleaning power doubled.

A professional quality assembly:

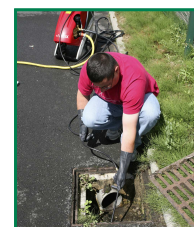
- 1400 rpm low speed motor for semi-intensive use: allows it to run continuously for several hours at a time (4 hours) without the risk of overheating.
- Ceramic tie-rod and piston radial pump for greater longevity.
- Automatic shut off function to preserve the motor and reduce electricity consumption.
- Non-deforming, shock-resistant PE injected hood. Aluminium cradle frame.
- Large diameter moulded hub wheels to cross any obstacle.

High pressure cleaning function:

- Rotating connector gun: anti-twist.
- 2 channel HP/LP lance with pressure adjustment.
- Rotating nozzle lance: cleaning power doubled.
- 2 pro HP hoses (10 m + 15 m) and a safety pedal allow the cleaner to be used in places that are inaccessible to the machine (stairs, confined spaces, etc.).
- 1 large capacity detergent tank (7.5 L).

Pipe cleaning function:

- Cleans and unblocks all types of pipe Ø 50-150 mm obstructed by grease or friable materials such as silt, soap, sand and clay.
- 3 retro-jet nozzle: simply guide the hose which moves forward thanks to the pressure.
 - 40 m pipe cleaning hose on roller.



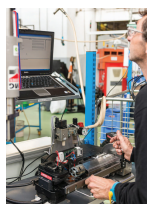
Pressure bar	Pump flowrate l/min	Drilling speeds rpm	Motor rating kW	Max. reach m	Pipe Ø mm	Kg	Ref.
150	11	1400	3,2	10 + 15 (HP hose) / 40 (pipe cleaning hose)	50 - 150	60,000	293280

Capacities

Ø 50-150 mm
 Continuous usage time per day: 4h00.

Delivered with

- 1 Rotating connector gun,
- 2 Channel HP/LP lance with pressure adjustment.
- 1 Rotating nozzle lance,
- 2 pro HP hoses (10 m + 15 m),
- 1 safety pedal.
- 1 3 retro-jet nozzle (1/4"),
- 40 m pipe cleaning hose.



Virax, French manufacturer

In its Production Centre extending over more than 20,000 m² situated in Epernay, France, Virax manufactures tools and machines designed by its R&D Center to meet the requirements of professionals. Plasturgy, machining, milling, grinding, assembly and painting, all these activities are performed on site for manufacturing control and quality.

2932 : Accessories for High Pressure Pipe Cleaner

A complete range of accessories:

- Telescopic lance: frontage cleaning up to 5 m.
- Harness for telescopic lance: lance hold assistance.
- Gutter elbow lance: gutter cleaning, only operates with the telescopic lance Ref. 293233.
- Suction filter screen: filters water from an external tank (3 m hose).
- 4 1/8" jet nozzle: 3 retro-jets + 1 front jet to attack the plug.
- 1/8" rotating nozzle: rotating jets for pipes with heavy dirt build up, moss, etc.
- 4 1/4" jet nozzle: 3 retro-jets + 1 front jet to attack the plug.
- 1/4" rotating nozzle: rotating jets for pipes with heavy dirt build up, moss, etc.
- Pipe cleaning hose.



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Description	293230	293280	Kg	Ref.
Telescopic lance	ok	ok	3,000	293233
Harness for telescopic lance	ok	ok	0,900	293234
Gutter elbow lance	ok	ok	1,200	293235
Suction filter screen	-	ok	5,200	293236
4 1/8" jet nozzle	ok	-	0,030	293272
1/8" rotating nozzle	ok	-	0,060	293273
4 1/4" jet nozzle	-	ok	0,035	293277
1/4" rotating nozzle	-	ok	0,065	293278
Pipe cleaning hose 20 m	ok	-	2,090	753578



5 ■ MAINTENANCE

PIPE INSPECTION

2940 : Colour digital inspection camera Visioval® VX

Advantages

- Camera heads with transmitter for localisation.
- 30 m hose with distance indication.
- Detachable and interchangeable camera heads (Switch version).

Portable video inspection system with localisable camera heads in a plastic case with double reinforced walls. Vertical or horizontal inspections of piping with an inner diameter of 40 mm, exhaust pipes, ventilation ducts, flue linings, false ceilings, industrial installations, miscellaneous cavities, etc.

Visioval® VX-26 and VX-40 with non-interchangeable camera heads.
Visioval® VX-SWITCH with interchangeable camera heads for complete inspection amplitude.

Colour CCD camera.

With built-in 8.9 kHz transmitter, for exact localisation of the head in the piping (requires localizer Ref. 294054).

Head Ø 26 mm watertight 3bar/IP68 for inspections of inner Ø 40 à 125 mm.

Head Ø 40 mm watertight 1bar/IP67 turns 360° and tilts 180° for inspections of inner int. 50 to 200 mm.

Digital display of head position (precision 4 cm) and tilting on screen.

'Home' function to recenter the camera head in the straight position (on Ø 40 mm head only).

Wide 115° viewing angle and 0.5 lux sensitivity: precise image event in dark areas.

12 LEDs protected from shock and dirt, with adjustable lighting level.

7" TFT colour screen (18 cm):

Light and excellent quality images thanks to the 800 x 480 pixel resolution.

The screen can either be fixed inside the case or held in the hand thanks to its 2 m long cable.

The brightness and contrast can be adjusted.

Solar protection option (Ref. 294034) to reduce glare when working outdoors.

Power supply / Battery life.

Runs on mains or battery supply (supplied with 2 batteries).

Battery level indicated on screen, up to 2 hours per battery.

Battery charge level indicator.

Photo / video recording:

Photo and video recording on 2 GB SD card (supplied), up to 2 hours video.

Play Fast forward and rewind / Pause / Delete Functions from Visioval®.

Mini USB port to transfer photos or videos onto PC.

Visioval® VX locator: Fast and accurate localisation of the Visioval® VX Ø 26 mm and Ø 40 mm camera head by radiofrequency (8.9 kHz) in the damaged or clogged zone down to a depth of 3 metres underground.

Intuitive search with direction display on colour screen and sound indications.

Telescopic design for easy work.

Li-Ion 3.7V battery.



Description	Type head camera	Detachable camera head	Locator	Kg	Ref.
Visioval® VX-26 Caméra	Ø 26 mm	No	Option	8,450	294035
Visioval® VX-40 Caméra	Ø 40 mm orientable	No	Option	9,290	294045
Visioval® VX-SWITCH Caméra	Ø 40 mm orientable	Yes	Option	9,300	294050
Visioval® VX-SWITCH + Locator + Ø26 Head	Ø 26 mm et Ø 40 mm orientable	Yes	Delivered with	9,970	294051

Description	Type head camera	Detachable camera head	Locator	Kg	Ref.
Detachable camera head Ø26mm VX-SWITCH	Ø 26 mm	Yes	-	0,210	294052
Detachable camera head Ø40mm VX-SWITCH	Ø 40 mm orientable	Yes	-	0,250	294053
Visioval® VX Locator	-	-	Yes	3,130	294054

Capacities

Camera head Ø 26 mm: for pipes inner Ø 40 to 125 mm. Passage of 90° elbows in inner Ø 50 mm.
Camera head Ø 40 mm: for pipes inner Ø 50 to 200 mm. Passage of 90° elbows in inner Ø 80 mm.

Delivered with

Visioval® VX camera:

- 2 batteries: 12 V, 2.6 Ah, Ni-MH.
- Mains power supply
- Anti-slip mat: avoids the case slipping on tiled floors.
- 2 GB SD card.
- USB cable.
- 5 Plexiglas cups (VX-40 / VX-SWITCH)

Visioval® VX locator:

- 1 headphone set with sound signal adjustment.
- 1 charger with micro USB cable
- 12 pencils
- 1 telescopic rod
- 1 case

Tips

Different accessories complete the use of the camera to make it more effective and handy: elbow head, guide ring, roller centring piece, weight for chimney inspection, etc.



5 ■ MAINTENANCE

2940 - 2941 : Accessories for Mini Visioval® and Visioval®

Guide ball:

(ref. 294112) allows for centring of the camera Mini Visioval® cable (ref. 294121) in pipes of section Ø 70 mm to Ø 100 mm.

Centre guide:

(ref. 294021) for pipe diameters 70 mm (min) to 150 mm (max). For centring the camera in larger diameter pipes.

24 spare brushes:

(ref. 294022) for creating 4 sets of 6 brushes, by cutting them to the most frequently inspected diameters and changing them on the centre guide 294021 (min. 70 mm, max. 150 mm).

Extension for centre guide:

(ref. 294033) composed of a 7 cm tube and a 2nd 150 mm centre guide with brushes. Enables the head to be stabilised and improved guidance in pipes with diameters of over 120 mm. *Only works in conjunction with camera heads Ø26 mm and with the centre guide ref. 294021.

Guide ring with protection:

(ref. 294031) enables the 26 mm Ø head to be protected from impact and acts as a centre guide 50 mm Ø.

7" screen solar protection:

(ref. 294034) reduces glare on the VISIOVAL's 7" monitor. For optimum visibility event outdoors.

Protection cage:

(ref. 294041) protects the plastic dome of the 40 mm Ø head against shock and scratches.

Centring device with rollers:

(ref. 294042) improved 40 mm Ø centring and guiding for inspections in 100-150 mm Ø.

Kit of 10 plastic domes:

(ref. 294043) allows replacing the plastic dome of the 40 mm Ø head when scratched or damaged.



Description	Mini Visioval®	Visioval®	Kg	Ref.
Guide ball for 16m cable Mini Visioval®	ok	-	0,090	294112
Ø 150 mm 6" centre guide	-	ok	0,120	294021
24 Spare brushes for 294021	-	ok	0,050	294022
Elbow guide	-	ok	0,020	294023
Battery for Visioval®	-	ok	0,550	294027
Weights for chimney	-	ok	0,720	294028

Description	Mini Visioval®	Visioval®	Kg	Ref.
Guide ring with protection	-	ok	0,020	294031
Extension for centre guide *	-	ok	0,150	294033
Protection cage	-	ok	0,100	294041
Protection solaire d'écran 7"	-	ok	0,100	294034
Centering device with rollers	-	ok	0,075	294042
Kit of 10 plastic domes	-	ok	0,150	294043



Virax is committed to WEEE management

As a manufacturer, Virax has established a process for the recovery of Waste Electrical and Electronic Equipment (WEEE) in accordance with European Directive 2012/19/EU. Virax organises the management and recycling of WEEE at end-of-life, as part of its commitment to the environment.

2942: Micro Visioval® 5-in-1 camera

Advantages

5-in-1 tool: Inspection **Camera**, Laser **Telemeter**, Infrared **Thermometer**, **Torch**, Laser **Pointer**.

Easy information reading on the **large 4.3" colour screen**.

Underwater and piping inspection with its **watertight camera head** (IP67).

Inspection micro-camera:

Inspect, check and search in confined areas, piping, sight holes, partitions, underwater and in the dark with Ø 8 mm watertight camera (IP67) fitted with 6 white LEDs.

Record up to 100 photos directly in the built-in flash memory.

Easy manual pushing thanks to axial stiffness of the 105 cm flexible and easy passage in elbows with its minimum radius of curvature of 30mm.

Excellent handling with its shock-proof Soft Touch reinforced casing and folds to store and protect the flexible.

X 4 screen zoom, comparative image (divides the screen into 2 images: frozen and live), photo viewing and deletion, PC transfer.

Laser telemeter

For fast measurement in the worksite.

Class 2 laser, range up to 20 metres. Displays the last 3 measurements on screen.

Infrared thermometer

Check the temperature of clogged heating installations and radiators, conditions before/after maintenance work.

Temperature range from -20° C to + 350° C. Last 4 measurements displayed on screen.

Torch, always handy to inspect under bath tubs, crawl spaces.

Laser pointer to identify and point what cannot be reached physically.

Power supply: 4 LR6 1.5 V batteries (supplied).



5

Description	Kg	Ref.
Micro Visioval® 5-in-1 camera	0,990	294200
Set of 4 accessories for Micro Visioval®	0,005	294201

Delivered with

Metallic box and fabric storage pouch.

4 camera head tips: magnetic tip to recover small metal parts, single and double hooks to recover objects, mirror for inspection in angles.

4 LR6 1.5 V batteries (AA).

Internal flash memory.

USB - Micro USB transfer cable.



Virax and the environment

Virax is committed to environmental protection and sustainable development, as demonstrated by our ISO certification 14001: 2015 for our environmental management system.

Compliance with the REACH Directive no.1907/2006.

Low energy consumption.

Dematerialisation of documentary flows and printing control.

Waste control and reclaiming.

Packaging materials recycled in a partnership with Eco Emballage.

Anticipation of pollution risks.

5 ■ MAINTENANCE

2942 : Thermal camera THERMO VISIOVAL®

Advantages

Fast, accurate diagnostics: high-resolution 256 x 192 pixel thermal sensor.

Detailed view: 3.5" 320 x 240 pixel screen.

Detection of the smallest temperature variations: high thermal sensitivity.

Thermal sensor:

Measure malfunctions with an accuracy of $\pm 2^{\circ}\text{C}$ or $\pm 2\%$ thanks to the **high-resolution infrared thermal sensor** (256 x 192 pixels), with a temperature range from -10°C to 400°C .
Visualize the details of your thermal images on the **3.5" widescreen display** with 320 x 240 pixel resolution.

Quickly scan large areas with the **50° x 37° wide-angle lens**.

Features / settings :

Easily differentiate temperature differences according to the environment, thanks to **5 color palettes**.

Locate and compare maximum, minimum and central temperatures simultaneously with the **pointer display**.

Navigate the screen **intuitively** thanks to **black, non-slip Soft Touch buttons** for use even with wet hands.

IP 54 protection for indoor and outdoor use; **shock-resistant** thanks to **Soft Touch protective shell**.

Photo recording, with transfer via USB-C cable (included) or 4 GB micro-SD card (included).

Up to **4 hours' autonomy** thanks to its **3.7 V Li-ion battery**; **2-hour** recharge time via USB-C cable (included).

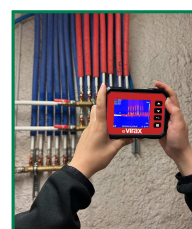
Compact (designed to fit in a pocket) and **lightweight** (only 210g).

Supplied with

USB-C cable ? for universal connectivity

4GB micro-SD card ? for a capacity of +17,000 photos

Textile cover ? for easy transport



Description	Size mm	Kg	Ref.
Thermal camera THERMO VISIOVAL®	130 x 30 x 90	0,210	294205



Virax Experts

Would you like technical assistance?

Our team of experts is at your disposal to provide you with tips and recommendations on how to get the most out of your Virax products.

From 8.00 am to 12.15 pm and from 1.45 pm to 5.00 pm, Monday to Friday (4.30 pm): +33 (0)

3.26.59.56.82 - experts@virax.com

Exploded views and manuals: www.virax.com, Downloads section.

CLEANING PUMP

2950 : Descaling Pump

Advantages

Faster and more effective action thanks to its **electric** manual flow reverser to remove deposits in the 2 directions.
Easy draining with its lower handle molded in the tank

Translucent, anti-impact plastic tank **to view the fluid level**.

Balanced and **powerful motor (150 W)** for a 33 l/min flow rate and an elevation height up to 12 metres.

IP54 protected motor for maximum lifetime.

Robust and practical transport handle.

Specific funnel screwed instead of the stopper **for easy filling**.

Max usage temperature: 50 °C.

Virax additives must be added to optimise the action of the descaling pump. These additives are specific to the cleaning to be carried out. Their objective is to re-establish the ideal circulation in the installation for better effectiveness.



Description	Pump flowrate l/min	Motor rating kW	Tank capacity L	Elevation height m	Use	Kg	Ref.
Descaling pump	33	0,150	15	12	Boiler	9,200	295000

Delivered with

Two 2 m long transparent pipes and 1 set of 8 connectors included to adapt to all configurations.

Tips

Choose the descaling fluid to use according to the material of the boiler heating element:

- **All materials including aluminium:** multi-material descaling fluid ref. 295011 and 295012 not requiring any neutralisation phase.



Customer Service

For information on our products, promotions, stocks, record your orders or follow a delivery?
From 8.00 am to 12.15 pm and from 1.45 pm to 5.30 pm, Monday to Friday (5 pm):

Phone: +33 3.26.59.56.57

Email: export@virax.com

Exploded views and manuals: www.virax.com, Download section.

5 ■ MAINTENANCE

2950 : Sludge Removal Pump

Advantages

Sludge removal pump: 3 functions in 1 :

- Sludge removal from radiators and heated floors to eliminate cold zones.
- Algae elimination (sources of blockages) in heated floors.
- Descaling of boiler heating elements (copper and steel only).

Translucent, anti-impact plastic tank **to view the fluid level**.

Manual flow reverser (electric) to attack deposits in both directions: quicker and more effective action.

IP54 protected motor for maximum lifetime.

Robust and practical transport handle.

Max usage temperature: 50 °C.

Virax additives must be added to optimise the action of the sludge removal pump. These additives are specific to the cleaning to be carried out. Their objective is to re-establish the ideal circulation in the installation for better effectiveness.

Accessory available: 20 m transparent pipe extension (ref. 295022) to connect to the water inlet, drains, etc.



Description	Pump flowrate l/min	Motor rating kW	Tank capacity L	Elevation height m	Use	Kg	Ref.
Sludge removal pump	30	0,330	24	15	Boiler / Radiator / Heated floor	12,000	295020

Delivered with

Two 2 m long transparent pipes and 1 set of 8 connectors included to adapt to all configurations.

Tips

Using a neutralizer is indispensable to complete descaling, to preserve the boiler, the descaling pump and environment.



Customer Service

For information on our products, promotions, stocks, record your orders or follow a delivery?
From 8.00 am to 12.15 pm and from 1.45 pm to 5.30 pm, Monday to Friday (5 pm):

Phone: +33 3.26.59.56.57

Email: export@virax.com

Exploded views and manuals: www.virax.com, Download section.

2950 : Virafal® High Flow Sludge Removal Pump / Descaling Pump

Advantages

1 standard version, 1 connected version in compliance with European Directive EN 806.

Mechanical cleaning 2 in 1:

Air/Water pulses to separate the sludge.

Air/Water continuous flows to expel the sludge.

Chemical cleaning 4 in 1:

Sludge removal from radiators.

Sludge removal and sanitization of heating floors.

Protection against scale and corrosion.

Disinfection of drinking water pipes.

Easy installation with its roller trolley and fastening suction cups.

Connectors and pipes supplied for immediate use.

High performance action: Maximum flow rate 80L/min and maximum pressure 8 bar.

Effective and robust compressor: Self-lubricated, power 1.5 kW and evacuates 200L/min. Maximum temperature of use: 30°C.

For easy transport of your Virafal® or Virafal® Connect, models 295053 and 295059 are delivered with an extra raised handle. Tool-free assembly, quick height adjustment. Handle also available alone (ref. 753778).

Additional features of the VIRAFAL® Connect:

Connects with a SmartPhone, a tablet under Android or a PC via a Bluetooth connection to print an intervention report in compliance with European Directive EN 806 on drinking water piping.

Intervention report written and transferred using the Virafal application available on Android and PC

The use of Virax additives (sold separately) requires using the fitting ref. 295052 and injector ref. 295051. These additives allow chemical use for all types of installations. They can be rejected to the sewers without detrimental effect on the environment.



5

Description	Pump flowrate l/min	Motor rating kW	Connectable	Use	Kg	Ref.
Virafal® high flow sludge removal pump / descaling pump	80	1,500	No	Boiler / Radiator / Heated floor / Drinking water pipe	26,000	295050
Virafal® kit + injector + reducer + handle	80	1,500	No	Boiler / Radiator / Heated floor / Drinking water pipe	31,000	295053
Virafal® Connect high flow sludge removal pump / descaling pump	80	1,500	Yes	Boiler / Radiator / Heated floor / Drinking water pipe	26,000	295054
Virafal® Connect kit + injector + reducer + handle	80	1,500	Yes	Boiler / Radiator / Heated floor / Drinking water pipe	32,000	295059

Delivered with

Two 1.5 m long transparent pipes (3/4")



Go to www.virax.com

To find a product sheet, a safety data sheet or exploded views,
Go to our web site.

5 ■ MAINTENANCE

2950: 4-way valve kit

Advantages

More efficient cleaning

Flow reversal valve for sludge removal with Virafal.
Allows sludge removal in both directions of traffic
3/4" valves



Size mm	Kg	Ref.
110 x 110 x 90	0,685	295060

Delivered with

3 M/M 3/4" connections and 1 M/F 3/4" connection



2950 : Additive and Accessory for Cleaning Pump

A complete range of additives that are vital to optimise the action of the VIRAFAL® sludge removal pump, descaling pump and sludge removal unit. These additives are specific to the cleaning to be carried out. Their objective is to re-establish the ideal circulation in the installation for better effectiveness.



5

Descaling fluids:

To descale domestic hot water installations and the boiler heating element, and restore their energy performance.

(ref. 295010 – 10L) Descaling only for **steel** or **copper** installations. A mix of acid, defoaming agents and corrosion inhibitors to avoid damaging the piping. Colour indicator indicating whether the acid is powerful enough or not. The use of a neutralizer ref. 295015 is necessary after descaling.

(ref. 295012 – 5L) Multi-material descaling fluid compatible with **all metals and alloys** normally present in installations, including aluminium. To descale aluminium parts, limit cleaning time to 2 hours whenever possible. This multi-material descaler does not require using a neutralizer: once descaling is complete, just rinse the installation thoroughly.

Neutralising agent:

(ref. 295015) to be used after using the steel / copper descaler 295010 only. For neutralising acidity remaining in the heating element, and then neutralise the descaling fluid remaining in the pump before disposal.

Sludge remover:

(ref. 295025) for radiators and heated floors. Sludge elimination to re-establish the heating system's effectiveness; non-acidic. Compatible with all metals.

VIRAFAL® sludge remover for radiators:

(ref. 295055) for radiators only. Sanitizes and removes sludge and deposits in radiators. Compatible with all metals.

VIRAFAL® sludge remover for heated floors:

(ref. 295056) for heated floors only. Eliminates both sludge and algae present in heated floors. Compatible with all metals.

VIRAFAL® protector:

(ref. 295057) for radiators and heated floors. Improves the installation's lifetime by slowing down sludge and corrosion return.

VIRAFAL® disinfectant:

(ref. 295058) for drinking water pipes. Eliminates germs from drinking water pipes.

20 m transparent pipe extension:

(ref. 295022): for easier access to water inlets and outlets.

Injector for VIRAFAL® additives:

(ref. 295051) indispensable for chemical actions with the VIRAFAL®, this injector allows for continuous and even product dispensing in the water flow. *

Reducer for VIRAFAL® additives:

(ref. 295052) this reducer, ideal for chemical actions with the VIRAFAL®, allows to reduce the flow to apply the chemical in the entire piping. **

* Ref. 295052 only.

** Ref. 295052 only.

Description	Use	Packaging	295000	295020	295050	Kg	Ref.
Descaling fluid for steel, copper	Boiler	10 L Container	ok	ok	-	10,700	295010
Neutralising agent	Boiler	1 kg Box	ok	ok	-	1,050	295015
Multi-material descaling fluid	Boiler	5 L Container	ok	ok	-	5,350	295012
Sludge remover	Radiator / Heated floor	1 L Container	-	ok	-	1,200	295025
VIRAFAL® sludge remover for radiators	Radiator	1 L Container	-	-	ok	1,400	295055

5 ■ MAINTENANCE

Description	Use	Packaging	295000	295020	295050	Kg	Ref.
VIRAFAL® sludge remover for heated floors	Heated floor	1 L Container	-	-	ok	1,400	295056
VIRAFAL® protector	Radiator / Heated floor	1 L Container	-	-	ok	1,400	295057
VIRAFAL® disinfectant	Drinking water pipe	1 L Container	-	-	ok	1,400	295058
Flexible pipe extension	-	20 m	-	ok	-	3,500	295022
Injector for VIRAFAL® additives *	-	-	-	-	ok	0,600	295051
Reducer for VIRAFAL® additives **	-	-	-	-	ok	0,400	295052
Enhanced handle set for VIRAFAL®	-	-	-	-	ok	2,000	753778



2950 : VIRAFILL heating water demineralization cartridge

Advantages

- Environmentally-friendly for chemical-free use, thanks to its two-component resin.
- Instant visualization of cartridge usage with color indicator.

Water demineralization cartridge for optimum protection of the heating network (radiators or underfloor heating) thanks to its two-component resin that filters out the minerals responsible for network degradation (sludge, corrosion, limescale). Suitable for total or top-up filling of a heating network.

Non-harmful to people and the environment, with no added chemicals, thanks to its two-component filter resin.

Maintains heating system efficiency over time, resulting in energy savings.

Quick and easy to install directly on the heating network.

Visual indicator lets you know when to replace the cartridge, as the resin changes from blue to beige when the cartridge is no longer filtering. As long as there is blue resin, filtration quality is still 100%, so the cartridge can be used for another installation.

Complies with current standards for filling heating circuits in countries subject to regulations*.

3 proof-of-intervention labels included to indicate that the heating system has been filled with demineralized water.

*SICC BT 102-01 (CH), VDI 2035 (DE), Ö - NORM H 5195-1 (AT), UNI 8065 (IT).

Preparation: Before using the cartridge before use to remove any impurities (drain off 3 liters of water).

To store the cartridge after opening, it is advisable to fill it 3/4 full of water, so that the resin remains moist.

When the cartridge has become completely beige (0%), replace it with a new one, even during filling.

The VIRAFILL cartridge completes the mechanical action of the VIRAFAL by being used after the sludge removal operation.

Features

Cartridge water filtration capacity at 10 °fH: 400 liters*.

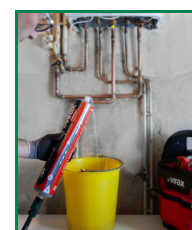
Maximum cartridge water flow rate: 4-5 l/minutes.

Maximum cartridge water pressure: 4 bar.

*depending on water hardness, region and temperature.

Supplied with

- 3 proof-of-intervention labels



5

Description	Size mm	Kg	Ref.
VIRAFILL heating water demineralization cartridge	440 x 80 x 80	1,800	295040

Virax is committed to a new environmental policy



VIRAX is aware of its environmental role, and speeding up its CSR (Corporate Social Responsibility) action plan in order to maintain a sustainable approach.

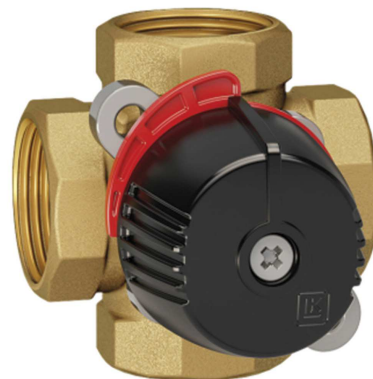
5 ■ MAINTENANCE

2950: 4-way valve kit

Advantages

More efficient cleaning

Flow reversal valve for sludge removal with Virafal.
Allows sludge removal in both directions of traffic
3/4" valves



Size mm	Kg	Ref.
110 x 110 x 90	0,685	295060

Delivered with

3 M/M 3/4" connections and 1 M/F 3/4" connection

HYGIENE

3600 : Towels

Very high degreasing power thanks to the combination of a very high quality liquid detergent with **an abrasive, non-scratching, towel**.

Easy, fast and efficient cleaning, **without water**.

No rinsing or drying is required. **Leaves no residue**.

Removes greases, lubricants, adhesives, oils, tar, bitumen, paint, ink, waxes, coal, graphite, grass stains and other stubborn stains.

Applications: plumbing, industry, storage, mechanical, DIY, gardening, painting, printing, etc.

Softens and treats the skin thanks to a mild emollient added to the cleaning agent.

Dermatologically tested.

Pleasant smell (lemon).



Contents	Kg	Ref.
Box of 70 towels	0,710	360000



GARDIEN
DE L'ÉQUILIBRE
FORESTIER

Virax is committed to sustainable forest management

All user manuals and advertising brochures are printed on PEFC paper, certifying sustainable and balanced forest management.



WORKSTATION



 **virax**











**TOOL
BAG**
382660



56 similar reviews

6 ■ WORKSTATION

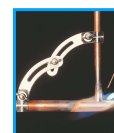
	SOLDERING ACCESSORY	170
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	LIGHTING	174
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	VACUUM CLEANER	179

6 WORKSTATION

SOLDERING ACCESSORY

2000 : Fixtub®

Adjustable pipe holder for accurately and rigidly positioning two pipes (or profiled sections) at a given angle during assembly. Allows complete freedom of movement during welding or brazing. Wing-nut tightening. Galvanized parts.



Pipe Ø mm	Max. arm length mm	Kg	Ref.
20 - 60	100	0,830	200020

5284 : Brazing paste

Smartflux: For preparing tin brazing of copper domestic hot and cold water pipes: changes colour when soldering temperature is reached, non flowing, easy brush application.

Description	Capacity	Kg	Ref.
Smartflux	250 g	0,280	528420



5282 : Flint Ignitor

Description	Kg	Ref.
1 x	0,070	528280
Box of 6 packs of 6 spare flints	0,065	528285



5283 : Soft Solder

Reel of solder. Good fluidity, good wetting and bonding characteristics. For soft soldering copper hot and cold water supply pipes. Particularly recommended for soft soldering in conjunction with the Cobraz 28 and Cobraz 54 electric soldering machines.

Alloy contains Selenium for excellent capillary attraction. Contains no Nickel, Lead nor antimony.

Melting point : 210°C. **Heat resistant** up to 110°C. **Solder strength** 52 N/mm².

Ø mm	Kg	Ref.
2	0,250	528346



Virax is ISO 9001, ISO 14001 and ISO 45001 certified

Virax has received multiple awards for excellence in its Quality (ISO 9001 – 2015 version), Environment (ISO 14001 – 2015 version) and Health and Safety (ISO 45001 – 2018 version) management system.

VICE

2002 : Etaugriff® Pipe Vice

Trapezoidal thread screw. High yield malleable cast iron vice. Reversible frame for obtaining the best working position on workbench, tripod or table. Hardened steel jaws. V-shaped pipe holder.

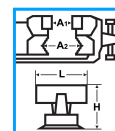


6

No.	Ø "	Ø mm	Kg	Ref.
0	1/8 - 2	10 - 60	3,720	200200
1	1/4 - 3	13 - 90	6,340	200210
2	1/2 - 4.1/2	21 - 127	10,500	200220
3	3/4 - 6	27 - 168	17,000	200230

2003 : Chain Vice

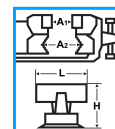
Presetting screw. V-shaped pipe holder. Forged cam locking handle for immediate clamping. High-strength hardened steel chain. High yield malleable cast iron vice.



A "	A mm	Kg	Ref.
1/8 - 4	10 - 114	4,300	200340

2003 : Double Chain Vice

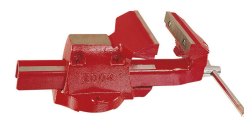
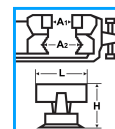
For use in boiler shops, petroleum and chemical industries, shipyards, water and gas supply services, etc. High-strength hardened steel chain. High yield malleable cast iron vice.



A "	A mm	Kg	Ref.
2.1/2 - 12	76 - 325	34,000	200350

2004 : Parallel Vice

This vice is three tools in one: a parallel vice, a pipe vice and an anvil. Steel housing providing long guide length. 4 brass adjusting screws for centring and taking-up play in the moving jaw.



L mm	A1 mm	A2 "	H mm	Kg	Ref.
105	135	1/2 - 1.1/4	125	5,650	200410
125	155	1/2 - 1.1/2	140	8,800	200412
150	180	3/4 - 2	180	13,850	200415

6 ■ WORKSTATION

2004 : Swivel Base for Parallel Vice

Adjustable swivel base allowing 360° rotation of vice.

	For	Kg	Ref.
	200410	0,600	200411
	200412	1,000	200413
	200415	1,500	200416



2003 : Accessories for double chain vice

Double chain for double chain vice.

Set of 4 jaws for double chain vice.



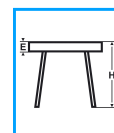
	Description	Kg	Ref.
	Set of 4 jaws	0,960	200351
	Double chain	3,700	200352



WORKBENCH

2005 : Folding Portable Stand

Very sturdy angle-section legs.



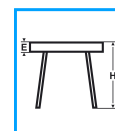
H mm	P mm	Equipment	Kg	Ref.
925	835	No vice	15,000	200500

FITTERS TABLE

2009 : Professional Fitter's Table

Very sturdy construction, able to support heavy loads. Highly stable.
Easy to set-up, take-down and carry.
Very thick beechwood top. 3 reinforcing tie-bars for increased rigidity. 40 mm angle section legs.
Max load: 500 kg.

Version with wheels + handle set available for easy travel. Screws included, quick assembly model.
The wheels + handle set (réf. 200912) is only available for users with an existing table.



6

Working dimensions mm	E mm	H mm	Kg	Ref.
1200 x 540 - No wheels / handle	50	820	43,000	200900
1200 x 540 - With wheels / handle	50	820	44,500	200901

2009 : Standard Fitter's Table

Advantages

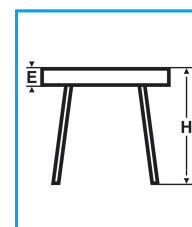
Stability: thanks to its wide base.

Easy to carry: lockable folding legs, lightweight design.

Easy vice attachment: no shoulder between the worktop and the angle section.

Multi-ply wooden worktop with steel angle section frame.
Ø 40 mm tubular legs.
Easy to install and dismantle.
Max load: 300 kg.

Version with wheels + handle set available for easy travel. Screws included, quick assembly model.
The wheels + handle set (réf. 200912) is only available for users with an existing table.



Working dimensions mm	E mm	H mm	Kg	Ref.
1080 x 610 - No wheels / handle	32	840	25,000	200910
1080 x 610 - With wheels / handle	32	840	26,500	200911

2009: Set wheels + handle for fitter's table

For easy travel. Screws included, quick assembly model.

Description	Kg	Ref.
Wheels / handle set	1,500	200912

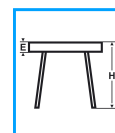


6 ■ WORKSTATION

PLUMBER'S TABLE

2012 : Professional Plumber's Table

Beechwood worktop. With lower tray. Tubular legs.
Max load: 200 kg.



Working dimensions mm	E mm	H mm	Kg	Ref.
700 x 500	30	830	19,000	201202

LIGHTING

2628 : Waterproof XL spotlight

Advantages

- Waterproof** for use in **extreme conditions** with its **IP67 rating**. Based on the **COB LED technology**, **high power** (2000 lumens) to light your worksites.
- Handy Power Bank** function to **recharge your mobile devices**.

Waterproof worksite spotlight (IP67 rating) with sturdy cast aluminium housing for heavy-duty and professional use in demanding work environments.
Emergency battery function with USB port to recharge mobile devices.
COB LED technology for powerful 2000 lumen lighting.
Extended lifetime up to 20 hours with its 7.3V / 4000 mAh Li-ion battery.
Lighting intensity adjustment over 5 levels from 10% to 100%.
Jointed handle with powerful magnets
Lighting time indicator, battery charge indicator during charging.

Charger and recharging cable included.

Size mm	Kg	Ref.
163 x 163 x 63	0,790	262820



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2628 : Waterproof XXL spotlight

Advantages

- Extremely powerful (4000 lumens) to light up your work sites thanks to its COB LED technology.
- Convenient dual power supply for use on battery or mains.

Large-format, waterproof (IP67 protection) construction site floodlight for use in extreme indoor and outdoor working conditions.
4000 lumens of power to illuminate an entire room with a single spotlight, thanks to COB LED technology.

5-level dimming from 10% to 100%.

Dual-powered, offering battery operation for total freedom of movement, or mains operation for an infinite light source.

Long runtime of up to 14h thanks to its built-in Li-ion 11.1V / 4400 mAh battery.

Simultaneous battery recharging and 100% light output when plugged in.

Impact-resistant for use in demanding working environments, thanks to its robust cast aluminum construction (IK07 protection rating).

Reduce glare and adapt the lighting to your work task with the **removable light diffuser** that spreads the light **180°**, creating **softer shadows**. Integrated magnets for easy installation.

5m cable and diffuser included.

Available with or without tripod.

Description	Size mm	Kg	Ref.
XXL waterproof COB floodlight - 4000 lumens + 2m tripod	780 x 233 x 88	4,400	262824
XXL waterproof floodlight - 4000 lumens	235 x 233 x 88	2,300	262823



6



2628: 2m aluminium tripod for XL and XXL floodlights

Advantages

- Lightweight for one-handed use.
- Space-saving storage when folded.

Ideal for installing your Virax spotlight in environments where there is no flat surface, in tight spaces, or for lighting from a high point.

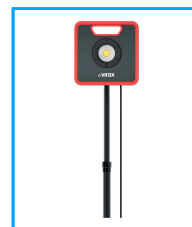
Extends from 0.9m to 2m to suit any environment.

Push-button for quick tripod deployment.

Robust, lightweight and extremely maneuverable thanks to its aluminum construction.

Compatible with Virax XL 2000 lumens (ref 262820) and XXL 4000 lumens (ref 262823) floodlights.

Description	Size mm	Kg	Ref.
XXL waterproof COB floodlight - 4000 lumens + 2m tripod	780 x 233 x 88	4,400	262824
2m aluminium tripod for XL and XXL floodlights	780 x 70 x 63	2,100	262825



100% guarantee for 2 years

Virax guarantees all its products for 2 years at 100%, excluding consumables and batteries, and excluding abuse or product modified.

6 ■ WORKSTATION

2628: 2-in-1 rechargeable pro inspection lamp

Advantages

- Lightweight and discreet: pocket size.
- Magnetic: two magnetized zones.

Robust, lightweight aluminum inspection light (only 54g) ideal for illuminating a precise, static work area (200 lumen COB LED).

Dual directional spot function or wide uniform illumination for versatile use.

Continuous dimmer from 10 to 100% adjusts light output as needed.

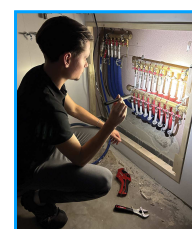
Long runtime of up to 10 hours thanks to its 3.7 V / 750 mAh Li-ion battery.

Equipped with two magnetic zones and a clip for flexible use.

USB-C charging cable included.



Description	Size mm	Kg	Ref.
2-in-1 rechargeable pro inspection lamp	Ø21 x 172	0,054	262827



2628: 2-in-1 rechargeable pro headlamp

Advantages

- Versatile: headlamp, flashlight, cap light.
- Shock-resistant: IK 07 protection.

Rechargeable headlamp with headband, 360° swivel, to keep your hands free while illuminating the area in front of you, ideal for working in confined or poorly lit spaces (150 COB LED lumens).

Detachable, magnetic lamp with various attachment systems for use on a variety of supports (cap, jacket, pocket...), with choice of spot or wide beam lighting.

Lighting power adjustable on 2 levels (50% and 100%).

Long runtime of up to 4 hours thanks to its 3.7 V / 800 mAh Li-ion battery.

Headband, cap holder and USB-C charging cable included.



Description	Size mm	Kg	Ref.
2-in-1 rechargeable pro headlamp	90 x 60 x 55	0,084	262828



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and our product demonstration videos!
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STORAGE

3826 : Textile Tool Bag

Advantages

- Multiple, practical storage compartments.** Can hold up to 15 kg of tools and accessories (depending on model).
- Soft protective cover.** (According to model)
- Thick, sturdy fabric:** 1200x1200 stitch.

Functional and hard-wearing textile bag.

Padded shoulder strap.

Leather grip.

Stiff, water resistant base compartment.

Special screwdriver compartment.

Mini textile bag (ref. 382650) and textile bag (ref. 382660):

-Aluminium carry bar.

-Interior elastic straps to hold tools in place.

Textile bag (ref. 382660):

-Metal saw storage.

Bucket bag (ref. 382655):

-Removable tool holder spacer.

-Metal holder for tape measure.

Tools sold separately.



Description	Max load kg	Internal dimensions mm	External dimensions mm	Kg	Ref.
Mini textile bag	12	340 x 200 x 200	380 x 320 x 320	2,300	382650
Textile bag	15	480 x 220 x 340	560 x 320 x 370	2,800	382660
Textile bucket bag	15	270 x 270 x 260	300 x 300 x 410	2,000	382655

3826 : Leather Fitter's Tool Bag

Top quality tan leather, waterproofed. Reinforced stitching. Buckle fasteners. 3 double leather studs on the underside of the bag. Inside pocket.

Tools sold separately.



Internal dimensions mm	External dimensions mm	Kg	Ref.
470 x 140 x 140	530 x 180 x 170	1,800	382670



Much more than just quality, here's the Virax commitment!

Virax commits to total, permanent and durable satisfaction of users and therefore applies a process based on:

- A proactive product plan.
- A constant innovation process.
- A focus on permanent improvement.
- Improved customer services.
- An assurance of optimum availability rate.

Customer satisfaction, the heart of our commitments.

6 ■ WORKSTATION

Virabox storage case with 6 compartments

Advantages

Organized storage: 6 removable compartments, to store fittings, screws, tools
Compatible with the Virabox set

Compartmented case for transporting assortments (fittings, screws, tools)
Allows you to organize your assortment and have a quick view of your stock thanks to its translucent cover.

Removable and modular compartments

Ensures the maintenance of the elements in their respective compartments

Great resistance

This case is compatible with all Viraboxes, which allows them to be clipped.

Delivered without supplies.



Empty storage volume: 6.3L

Storage volume of a compartment: 0.9L

Volume of the case with 6 compartments: 5.4L

Max load supported: 20Kg



Description	Max load kg	Internal dimensions mm	External dimensions mm	Kg	Ref.
Virabox T0 + 6 compartments	10	379 x 352 x 65	390 x 390 x 70	1,916	888878

3826: Folding trolley

Advantages

Resistant : for loads up to 120 kg.

Clever : dedicated Virabox tray.

Practical : large wheels.

Folding trolley designed to carry heavy loads up to 120 kg.

High stability for Virabox: a **specially designed tray** with the same shape as the Virabox provides ideal wedging, **preventing them from slipping** even without using the elastic strap.

Also suitable for **all types of boxes** and loads with its flat surface.

Does not deform in use thanks to its **sturdy** and **rigid** design in steel pipes Ø 22 mm and **heavy-duty** forged steel tray.

Easy handling with **man-height handle** extendable to 1.08 m and **large** Ø 145 mm **wheels**.

Space-saving, thanks to sliding handle and simultaneous folding wheels and tray.

Elastic strap included for securing bulky items to the frame.



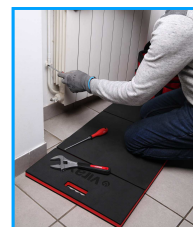
Description	Max load kg	Undoldd dimensions mm	Folded dimensions mm	Kg	Ref.
Folding trolley	120	1080 x 580 x 490	810 x 490 x 60	7,150	382601

3826 : Multi-position protective mat

Advantages

- Comfortable: reduces the risk of MSDs
- Resistant: against water, dirt, cold.

Multi-position protective mat designed to reduce the risk of Musculoskeletal Disorders (MSD) on hard, slippery and uneven floors. Its construction in non-slip and dense foam allows you to work comfortably in all circumstances. Its 6 foldable elements allow numerous working positions (lying / kneeling / sitting), in order to reduce fatigue. Its silicone-free design prevents the development of bacteria. Easy handling thanks to its folded retaining strap. Its handle also makes it easy to transport. Black in color, not very dirty, it can be cleaned quickly with a water jet.



6

Description	Undoldd dimensions mm	Folded dimensions mm	Kg	Ref.
Multi-position protective mat	1210 x 455	455 x 202 x 180	0,830	382610

VACUUM CLEANER

0501 : Water and Dust Vacuum Cleaner

Advantages

- Anti-clogging system** thanks to its 2 filters.
- Vacuums everywhere thanks to its **5 m hose**.
- Used alone or with Virax core drills.

To vacuum water, dust, small gravel, plaster, soot and so on during maintenance or repair work (water leaks, sanitary system installation, masonry, etc.).

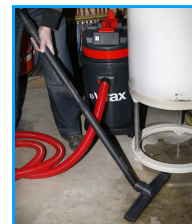
Anti-clogging system to remove very fine dust with no loss of suction: 1 washable, anti-bacteria filter and 1 nylon filter.

Can be moved easily thanks to 2 fixed wheels and 2 swivel wheels.

Powerful, graded speed 1500 W motor with ceramic collector for a longer lifetime.

Adapted to Virax V150+ core drills and water retrievers for V150+, V250 and V350 stands.

Delivered with an accessory and storage kit.



Description	Capacity L	Kg	Ref.
Water and dust vacuum cleaner	37	10,000	050157
Pack of 10 dust paper bags	30	0,150	050164



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263125	1	35
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294205	5	158
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310332	1	29
310400	1	30
310401	1	30
310402	1	31
310403	1	31
310410	1	31
310420	1	32
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342501	1	39
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753750	1	34
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990035	4	131
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990181	4	131
990182	4	128
990199	4	128
990199	4	129

ALL SYSTEMS COMPATIBLE WITH VIRAX JAWS AND INSERTS

* MATERIAL	STEEL / CARBON STEEL	MULTI-LAYER / PE-RT COPPER	PEX / PB / PER / PE	COPPER	BRASS / BRONZE	STAINLESS STEEL
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SYSTEM	*	Ø (mm)			
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A					
ACOME Acome MT		12-16-20-25	RF-P	RF	H
ACOME - Acopex Alu		16-20-32	TH/H-ML/U	TH/U	TH/H/U
		26	TH/H-ML	TH	TH/H/U
		40-50-63	-	-	TH/H/U
AC-FIX Press		12-16-20-25-32	RF-P/U	RF/U	H/U
AC-FIX Press Multi		16-18-20-25-32	RF-P/H-ML/U	RF/U	H/U
		40	-	U	U
		50-60	-	-	U
AHLSELL A-Press elforzinkad		12-15-18-22	M	M	M
		28	M	-	M
		35	-	-	M
		42-54	-	-	M
AHLSELL A-Press koppar		12-15-18-22-28	V	V	V
		35-42-54	-	-	V
AHLSELL A-Press rostfritt		12-15-18-22	M	M	M
		28	M	-	M
		35	-	-	M
		42-54	-	-	M
AIRBEL Pressclim		12-15-18-22	M	M	M
		28	M	-	M
		35	-	-	M
		42-54	-	-	M
AIRBEL Sertinox		15-18-22	M	M	M
		28	M	-	M
		35	-	-	M
		42-54	-	-	M
ALB Sistema Multicapa		14-16-18-20-32	H-ML/TH/U	TH/U	H/TH/U
		26	H-ML/TH	TH	H/TH
ANQUIER Aser		12-16-20-25	RF-P	RF	H
APE RACCORDERIE Raccordi a pressare		16-20	TH/H-ML/U	TH/U	TH/H/U
		18	TH	TH	TH
		26-32	TH/H-ML	TH	TH/H
		40	-	U	U
		50-63	-	-	U
ATLAS COPCO Airnet		15	M	M	M
		28	M	-	M
		35	-	-	M
		42-54-76.1-88.9-107	-	-	M

SYSTEM	*	Ø (mm)			
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B					
BAMPI Balpex		14-16-18-20-26-32	TH	TH	TH
		40	-	TH	TH
		50	-	-	TH
BARBI Easypress		12-16-20-25-32	RF-P/U	RF/U	H/U
BARBI Multipex		16-20 x 2.0-25-26-32	RF-P/U/TH	RF/U/TH	TH/H/U
		18 - 20 x 2.5	U/RF-P	U/RF	H/U
		40	-	U	U
		50-63	-	-	U
		16-20-25-32	RF-P	RF	-
BRASELLI Pressfitting PE-X		16-18-20-25-32	U	U	U
BRASELLI Pressfitting Multicapa		40	-	U	U
		50	-	-	U
		16-32	RF-P	-	-
BRASS & FITTING RetiPRESS		16-32	U	U	U
BRASS & FITTING MultiPRESS		40-50-63	-	-	U
		15-18-22	M/V	V	M/V
BROEN Ballofix Press		12-16-20-25	RF-P	RF	H
BROSSETTE Eurobasic		14-16-20-26-32	TH	TH	TH
BUCCHI tech MP					

C					
CEDEO Altech (Comap)		12-16-20-25	RF-P	RF	H
CEDEO Altech (IBP B Press)		12-14-15-16-18-22-28	V	V	V
		35-42-54	-	-	V
		14	U	-	U
COES Coesklima		16-18-20-25-32	U	U	U
		40	-	U	U
		50	-	-	U
COES Coesklima (K-Fit)		63-75	-	-	U CHAINS
COMAP PexPress		12-16-20-25	RF-P	RF	H
COMAP SkinPress		14-16-18-20-26-32	TH	TH	TH
		40	-	TH	TH
		50-63	-	-	TH
COMAP Multiskin		16-20-26-32	TH/U	TH/U	TH/H/U
		40	-	TH/U	TH/U
		50-63	-	-	TH/U
COMAP Sudopress Cu		12-14-15-16-18-22-28	V	V	V
		35-42-54	-	-	V
		12-15-18-22	M	-	M
COMAP XPress		28	M	-	M
		35-42-54	-	-	M
		15-18-22	M	M	M
COMAP XPress		28	M	-	M
		35-42-54	-	-	M
		14-16-18-20-26-32	H-ML/TH	TH	H/TH
COMISA Evo Press		25	TH	TH	TH
		40	-	TH	TH
		50-63	-	-	TH
		16-20	U/TH	U/TH	U/TH
COMPTOIR DE PICARDIE Multiquick		26	TH	TH	TH
		16-20	H-ML/TH/U	TH/U	H/TH/U
COMPTOIR DE PICARDIE Quick plomberie		26	H-ML/TH	TH	TH/H
		16-20-32	TH/H-ML/U	TH/U	TH/H/U
CONEL Connect Multi		26	TH/H-ML	TH	TH/H

ALL SYSTEMS COMPATIBLE WITH VIRAX JAWS AND INSERTS

* MATERIAL	STEEL / CARBON STEEL	MULTI-LAYER / PE-RT COPPER	PEX / PB / PER / PE	COPPER	BRASS / BRONZE	STAINLESS STEEL
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SYSTEM	*	Ø (mm)			
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CORUS Forcas	28	M	M	M
	35	-	-	M

D

DALPEX Laser multi Dalpex	14-16-18-20-26-32	TH	TH	TH
	40	-	TH	TH
	50-63	-	-	TH
DIWA Flex Systems	14-16-18-20-26-32	TH	TH	TH
	40	-	TH	TH
DUOFIL Maximetel	16-20-32	RF-P/U	RF/U	U
DW VERBUNDROHR Multitubo	16-20-25-32	U	U	U
	40	-	U	U
	50	-	-	U
	63-75	-	-	U CHAINS

E

EBRILLE Monflex	16-18-20-25-32	U	U	U
	40	-	U	U
	50-63-75	-	-	U
EBRILLE Monflex (F5)	16-18-20-25-32	U	U	U
	40	-	U	U
	50-63-75	-	-	U
EBRILLE Monflex (F8)	16-20-25-26-32	U	U	U
EBRILLE Monflex (F9)	16-20-25-26-32	TH	TH	TH
EBRILLE Monflex (F18)	16-20-25	TH/U	TH/U	TH/H/U
	26	TH	TH	TH/H
	32	TH/U	TH/U	TH/H/U
EFFEBI Prestige	15-18-22-28	M/V	V	M/V
	35	-	-	M/V
EFFEBI ToF Multipinza	16-18-20-32	TH/H-ML/U	TH/U	TH/H/U
	25	TH/U	TH/U	TH/H/U
	26	TH/H-ML	TH	TH/H
EFFEBI Press Carbon	12-15-18-22-28	M	M	M
	28	M	-	M
	35	-	-	M
	42-54	-	-	M 3 ELTS
EFFEBI Press Inox	12-15-18-22-28	M	M	M
	28	M	-	M
	35	-	-	M
	42-54	-	-	M 3 ELTS
EMCAL C-Stahl	15-18-22	M	M	M
	28	M	-	M
	35	-	-	M
EMCAL Perfect Aqua	16-20-25-32	U	U	U
	40	-	U	U
	50	-	-	U
	63	-	-	U CHAINS
EMCAL Presso	16-20-26-32	TH	TH	TH
	40	-	TH	TH
EMCAL Presso Nox	15-18-22-28	M	M	M
	28	M	-	M
	35	-	-	M

SYSTEM	*	Ø (mm)			
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EMMETI Gerpex-Fivpress Easytec	14-16-18-20-26-32	TH	TH	TH
	40	-	TH	TH
	50	-	-	TH
ESTA ROHR Simplesta	15-18-22	M	M	M
	28	M	-	M
	35	-	-	M
EUROTUBI EUROPA Pressfitting System	12-15-18-22	M	M	M
	28	M	-	M
	35	-	-	M

F

FAR RUBINETTERIE Raccordi Pressfar	14	H-ML/TH/U	TH	H/TH/U
	16-18-20-32	H-ML/TH/U	TH/U	H/TH/U
	25	TH/U	TH/U	H/TH/U
	26	H-ML/TH	TH	H/TH
	40	-	TH/U	H/TH/U
	50-63	-	-	TH/U
FBQ BARONIO BQ Press carbon steel	15-18-22-28	V	V	V
	35-42-54	-	-	V
FBQ BARONIO BQ press rame	12-14-15-16-18-22-28	V	V	V
	35-42-54	-	-	V
FERCOFLOOR Duo Press Ferco Pex	16-20-25-32	RF-P/TH/U	RF/TH/U	TH/U
FERCOFLOOR Duo Press Multifir	16-20-25-32	RF-P/TH/U	RF/TH/U	TH/U
	18	TH/U	TH/U	TH/U
FG INOX	15-18-22	M	M	M
	28	M	-	M
	35	-	-	M
FILTUBE Installpress	12-15-18-22	M	M	M
	28	M	-	M
	35-42-54	-	-	M
FILTUBE Installpress	15-18-22	M	M	M
	28	M	-	M
	35-42-54	-	-	M
FITTINGS ESTANDAR Eco-Press	16-20-25-32	RF-P	RF	-
FITTINGS ESTANDAR PEX-A	16-20-25-32	RF-P/U	RF/U	U
FITTINGS ESTANDAR Multicapa	16-20-25-32	RF-P/U	RF/U	U
	18	U	U	U
FORNARA SPA	16-20-26-32	TH	TH	TH
FRABO Frabopress C-Steel	15-18-22-28	V	V	V
	35-42-54	-	-	V
FRABO Frabopress H20	12-15-18-22-28	V	V	V
	35-42-54	-	-	V
FRABO Frabopress 316	15-18-22-28	V	V	V
	35-42-54	-	-	V
FRABO Multi-Brass	16-20	TH/U	TH/U	TH/U
	26-32	TH	TH	TH
FRABO Multi-Plus	16-20-32	H-ML/U	U	H/U
	26	H-ML	-	H
FRANKISCHE Alpex Duo-Alpex L	16-20-26-32	TH	TH	TH
FRANKISCHE Alpex Duo XS	16-20-26-32	TH	TH	TH

ALL SYSTEMS COMPATIBLE WITH VIRAX JAWS AND INSERTS

* MATERIAL	STEEL / CARBON STEEL	MULTI-LAYER / PE-RT COPPER	PEX / PB / PER / PE	COPPER	BRASS / BRONZE	STAINLESS STEEL
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SYSTEM	*	Ø (mm)			
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FRANKISCHE Turatec System		16-20-26-32	TH	TH	TH
FRIATEC Friatherm Uni		16-20-26-32	H-ML	-	H
		40	-	-	H
		50-63	-	-	TH

G

GEBERIT MAPRESS		12-15-18-22	M	M	M
		28	M	-	M
		35	-	-	M
GEBERIT MAPRESS		14-16	-	-	M
		12-15-18-22-28	M	-	M
		35	-	-	M
		42-54	-	-	M 3 ELTS
GEBERIT MAPRESS		12-15-18-22-28	M	-	M
		35	-	-	M
GEBERIT Volex		16-20	TH/U	TH/U	TH/U
		26	TH	TH	TH
GEBERIT Mepla		16-20-26-32	G	G	G
		40	-	G	G
		50	-	-	G
GENERAL FITTINGS Series 5000		14	H-ML/TH/U	TH	H/TH/U
		16-18-20-32	H-ML/TH/U	TH/U	H/TH/U
		25	TH/U	TH/U	H/TH/U
		26	H-ML/TH	TH	H/TH
		40	-	U	H/U
		50	-	-	TH/U
GIACOMINI Raccords RM		16-20-32	H-ML/TH/U	TH/U	H/TH/U
		26	H-ML/TH	TH	H/TH
		40	-	TH/U	TH/U
		50	-	-	TH/U
		63	-	-	TH
		75-90	-	-	U
GLOBAL PIPING SYSTEM Ac-Fix Press		12-16-20-25-32	RF-P/U	RF/U	H/U
GLOBAL PIPING SYSTEM Ac-Fix Press		16-18-20-25-32	RF-P/H-ML/U	RF/U	H/U
		40	-	U	U
		50-60	-	-	U
GLOBALE TRADE Aqualpress System		16-20-25-32	U	U	U
GOLAN		16-18-20-25-32	U	U	U
		40	-	U	U
		50-63	-	-	U

H

HAKA GERODUR Hakathen-L		14-16-18-20-26-32	TH	TH	TH
HAMMEL ROBINETTERIE		12-14-15-16-18-22-28	V	V	V
		35-42-54	-	-	V
HAMMEL ROBINETTERIE		16-20-26-32	TH	TH	TH
HAMMEL ROBINETTERIE		12-16-20-25	RF-P	RF	H
HEIMA Press-Fittings		16-20-26-32	TH	TH	TH
		40	-	TH	TH
		50	-	-	TH

SYSTEM	*	Ø (mm)			
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HELIROMA Klimapress		16-18-20-25-32	U	U	U
		40	-	U	U
		50-63-75	-	-	U
HELIROMA Romapress		16-20-25-32	RF-P	RF	-
HENCO - PE-Xc/AL/Pe-Xc (Brass or PVDF connectors)		14-16-18-20-26	TH	TH	TH
HENCO HPL		16-20	TH/H-ML/U	TH/U	TH/H/U
		26	TH/U	TH/U	TH/U
		32	TH/H-ML/U	TH/U	TH/H/U
HEROTEC Tempuss-press		14-16-20-26-32	TH	TH	TH
		40	-	TH	TH
HERZ Pipefix		14-16-18-20-25-26-32	TH	TH	TH
		40	-	TH	TH
		50-63	-	-	TH

I

IBP CONEX/BANNINGER >B<Flex		12-16-20-25-32	RF-P	RF	H
IBP CONEX/BANNINGER >B<Flex (F5)		16-18-20-25-32	U	U	U
		40	-	U	U
		50-63-75	-	-	U
IBP CONEX/BANNINGER >B<Flex (F8)		16-20-25-32	U	U	U
IBP CONEX/BANNINGER >B<Flex (F9)		16-20-25-26-32	TH	TH	TH
IBP CONEX/BANNINGER >B<Flex (F18)		16-20-25	TH/U	TH/U	TH/H/U
		26	TH	TH	TH/H
		32	TH/U	TH/U	TH/H/U
IBP CONEX/BANNINGER >B<MaxiPro		1/4 - 3/8 - 1/2 - 5/8 - 3/4 - 7/8 - 1	R	-	R
		1.1/8 - 1.3/8"	-	-	R
IBP CONEX/BANNINGER >B<Press		12-14-15-16-18-22-28	V	V	V
		35	-	-	V
		42-54	-	-	V
IBP CONEX/BANNINGER >B<Press		15-18-22-28	V	V	V
		35	-	-	V
		42-54	-	-	V
IBP CONEX/BANNINGER >B<Press		15-18-22-28	V	V	V
		35	-	-	V
		42-54	-	-	V
IDROSANITARIA BONOMI Idropress		16-18-20-26-32	TH	TH	TH
		40	-	TH	TH
		50-63	-	-	TH
ILTA INOX Chibro Pressfitting		15-18-22-28	M	-	M
		35	-	-	M
INDUSTRIAL BLANSOL Multipex		16	U/H-ML/RF-P/TH	U/RF/TH	U/H/TH
		18	U/H-ML	U/RF	U/H
		20x2.5	U/H-ML/RF-P	U/RF	U/H
		20x2	U/H-ML/RF-P/TH	U/RF/TH	U/H/TH
		25	U/RF-P/TH	U/RF/TH	U/H/TH
		26	H-ML/TH	RF/TH	H/TH
		32	U/H-ML/RF-P/TH	U/RF/TH	U/H/TH
		40	-	U	U CLAMP
		50-63	-	-	U CLAMP

ALL SYSTEMS COMPATIBLE WITH VIRAX JAWS AND INSERTS

* MATERIAL STEEL / CARBON STEEL MULTI-LAYER / PE-RT COPPER PEX / PB / PER / PE COPPER BRASS / BRONZE STAINLESS STEEL



SYSTEM	*	Ø (mm)			
INSTALPRESS Carbon Steel		12-15-18-22	M	M	M
		28	M	-	M
		35	-	-	M
IPA Ipalpex		14-16-18-20-26-32	TH	TH	TH
		40	-	TH	TH
		50-63	-	-	TH
ISOLTUBEX Isolpex		16-20-25-32	RF-P	RF	-
ISOLTUBEX		16-20-25-32	RF-P/U	RF/U	U
		18	U	U	U
		63	-	-	U CHAINS
ISOTUBI Numeppress		15-18-22	M	M	M
		28	M	-	M
IVAR Multi-Press		16-18-20-25-32	TH/H-ML/U	TH/U	TH/H/U
		26	TH/H-ML	TH	TH/H
		40	-	TH/U	TH/U
		50-63	-	-	U CHAINS
IVAR Plastic-Multi-Press		16-20-32	TH/H-ML/U	TH/U	TH/H/U
		25	TH/U	TH/U	TH/H/U
		26	TH/H-ML	TH	TH/H

J

JANSEN AG Jansen Comisa Ravani Prima		16-20-26-32	TH	TH	TH
		40	-	TH	TH
		50-63	-	-	TH

K

KAN Kan-Therm		16-20-25-32	TH/U	TH/U	TH/U
		26	TH	TH	TH
		40	-	TH/U	TH/U
		50-63	-	-	TH
KAN Kan-Therm LBP		16-20-25-32	TH/U	TH/U	TH/U
		26	TH	TH	TH
		40	-	TH/U	TH/U
		50-63	-	-	TH
KAN Kan-Therm		15-18-22	M	M	M
		28	M	-	M
		35-42-54	-	-	M
KAN Kan-Therm		15-18-22	M	M	M
		28	M	-	M
		35-42-54	-	-	M
KE KELIT Kelox		16-20-25-32	U	U	U
		40	-	U	U
		50-63	-	-	U
		75	-	-	U CHAIN
KE KELIT Steelfix		15-18-22	M	M	M
		28	M	-	M
		35-42-54	-	-	M

SYSTEM	*	Ø (mm)			
KE KELIT Steelfix		15-18-22-28	M	-	M
		35-42-54	-	-	M
KME Q-tec		14-16-20-26	TH	TH	TH
		16-20-26	HA	-	HA
KOHLEK Inox Pres		15-18-22	M	M	M
		28	M	-	M
		35	-	-	M

N

NICOLL Fluxo		16-20-26-32	TH	TH	TH
		40	-	TH	TH
		50-63	-	-	TH
NINGBO Press-ID		12-16-20-25-32	RF-P	RF	H
NINGBO Press-ID Carbon		15-18-22	M	M	M
		28	M	-	M
		35	-	-	M
		42-54	-	-	M 3 ELMTS
NINGBO Press-ID Inox		15-18-22	M/V	M/V	M/V
		28	M/V	V	M/V
		35	-	-	M/V
		42-54	-	-	M/V
NOYON & THIEBAULT Raccord F5		16-18-20-25-32	U	U	U
		40	-	U	U
		50-63-75	-	-	U
NOYON & THIEBAULT Raccord F9		16-20-25-26-32	TH	TH	TH
NOYON & THIEBAULT Raccord F17		16-20-25-32	U/TH/H-ML	U/TH	U/TH/H
		26	TH/H-ML	TH	TH/H
NOYON & THIEBAULT Multicouche à sertir		16-20	H-ML/TH/U	TH/U	H/TH/U
		26	H-ML/TH	TH	TH/H
N.T.M. Winny-Al		14	TH/U	TH	TH/U
		16-18-20-25-32	TH/U	TH/U	TH/U
		26	TH	TH	TH
		40	-	TH/U	TH/U
		50	-	-	TH/U
		63	-	-	U

ALL SYSTEMS COMPATIBLE WITH VIRAX JAWS AND INSERTS

* MATERIAL	STEEL / CARBON STEEL	MULTI-LAYER / PE-RT COPPER	PEX / PB / PER / PE	COPPER	BRASS / BRONZE	STAINLESS STEEL
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SYSTEM	*	Ø (mm)			
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NUPI INDUSTRIE ITALIANE Multinupi	14	U	U	U
	16-18-20-32	U/TH	U/TH	U/TH/H
	26	TH	TH	H/TH
	40	-	U	U
	50-63	-	-	U

O

OVENTROP Cofit P	16-20-26-32	HA	-	HA
	40	-	-	HA
	50	-	-	U
	63	-	-	U

P

PB TUB Sertipress	12-16-20-25	RF-P	RF	H
PB TUB Serti-Steel	12-15-18-22	M	M	M
	28	M	-	M
	35	-	-	M
	42-54	-	-	M 3 ELMTS
PB TUB Alpex duo & Turatec	16-20-26-32	TH	TH	TH
PEGLER YORKSHIRE Xpress	12-14-15-18-22	M	M	M
	16	-	-	M
	28	M	-	M
	35	-	-	M
PEGLER YORKSHIRE Sudo Press cuivre visu control	12-14-15-16-18-22-28	V	V	V
	35	-	-	V
	42-54	-	-	V
PERFILTUBO Perfialupex	16-18-20-25-32	U	U	U
	40	-	U	U
	50-63	-	-	U
PERFILTUBO Perpipress	15-18-22	M	M	M
	28	M	-	M
	35-42-54	-	-	M
PEXTUBE Pextube	16-20-25-32	RF-P	RF	-
PIETRO RAVANI	16-18-20-26-32	TH	TH	TH
PIPELIFE Radopress	16-18-20-26-32	TH	TH	TH
	40	-	TH	TH
	50-63	-	-	TH
POLYSAN Rainbow	16-18-20-25-32	U	U	U
	40	-	U	U
	50-63	-	-	U
PRANDELLI Multyrama (PF)	16-20-26-32	H-ML	-	H
	40	-	U	U
	50	-	-	U
PRANDELLI Multyrama (PFM)	16-20	H-ML/TH/U	TH/U	H/TH/U
	26	H-ML/TH	TH	H/TH
	32	H-ML/TH/U	TH/U	H/TH/U
	40	-	TH/U	TH/U
	50	-	-	TH/U
	63	-	-	U

R

RACCORDERIE METALLICHE (RM) Steelpres	15-18-22	M	M	M
	28	M	-	M
	35	-	-	M
	42-54	-	-	M 3 ELTS

SYSTEM	*	Ø (mm)			
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RACCORDERIE METALLICHE (RM) Inoxpres	15-18-22	M	M	M
	28	M	-	M
	35	-	-	M
	42-54	-	-	M 3 ELTS
RBM Tita-fix	14	TH/H-ML/U	TH	TH/H/U
	16-18-20	TH/H-ML/U	TH/U	TH/H/U
	26	TH/H-ML	TH	TH/H
	32	TH/H-ML	TH	TH/H
	40	-	TH	TH
	50-63	-	-	TH
RIFENG Raccords F5	16-18-20-25-32	U	U	U
	40	-	U	U
	50-63-75	-	-	U
RIFENG Raccords F8	16-20-25-26-32	U	U	U
RIFENG Raccords F9	16-20-25-32	TH	TH	TH
RIFENG Raccords F18	16-20-25	TH/U	TH/U	TH/H/U
	26	TH	TH	TH/H
	32	TH/U	TH/U	TH/H/U
RIFENG Raccords F17	16-20-25-32	U/TH/H-ML	U/TH	U/TH/H
	26	TH/H-ML	TH	TH/H
RIQUIER A sertir	12-16-20-25	RF-P	RF	H
RUBINETTERIE BRESCIANE BONOMI Turbo Cu-Ni	15-18-22	M	M	M
	28	M	-	M
	35	-	-	M
RUBINETTERIE BRESCIANE BONOMI Turbo inox	15-18-22	M	M	M
	28	M	-	M
	35	-	-	M
RUBINETTERIE BRESCIANE BONOMI Turbo Steel	15-18-22	M	M	M
	28	M	-	M
	35	-	-	M
RUBINETTERIE BRESCIANE BONOMI Turbo Press	14	TH/H-ML/U	TH	TH/H/U
	16-18-20-32	TH/H-ML/U	TH/U	TH/H/U
	26	TH/H-ML	TH	TH/H
	40	-	TH	TH
	50-63	-	-	TH
RUBINETTERIE BRESCIANE BONOMI - Turbo Press LBP	16-20-26-32	TH	TH	TH
RUBINETTERIE BRESCIANE BONOMI Evenes System	16-20-26-32	TH	TH	TH
	40	-	TH	TH
	50	-	-	TH

S

SANHA Multifit-Flex	16-20-32	TH/U	TH/U	TH/U
	26	TH	TH	TH
	40	-	TH	TH
	50	-	-	TH
SANHA Pressfittings	12-14-15-16-18-22-28	V	V	V/M
	35	-	-	V/M
	42-54	-	-	V
SANHA NiroSan Press	15-18-22-28	V/M	V	V/M
	35	-	-	V/M
	42-54	-	-	V
SANHA Therm	12-15-18-22-28	V/M	V	V/M
	35	-	-	V/M
	42-54	-	-	V

ALL SYSTEMS COMPATIBLE WITH VIRAX JAWS AND INSERTS

* MATERIAL	STEEL / CARBON STEEL	MULTI-LAYER / PE-RT COPPER	PEX / PB / PER / PE	COPPER	BRASS / BRONZE	STAINLESS STEEL
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SYSTEM	*	Ø (mm)			
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SCHWER Aquapress	15-18-22	M	M	M
	28	M	-	M
	35-42-54	-	-	M
SESTA Sistema multistrato	16-20	H-ML/TH/U	TH/U	H/TH/U
	18-26-32	TH	TH	TH
SOMATHERM Fixomultix (F5)	16-18-20-25-32	U	U	U
	40	-	U	U
	50-63-75	-	-	U
SOMATHERM Fixomultix (F9)	16-20-25-26-32	TH	TH	TH
	16-20-25-32	U/TH/H-ML	U/TH	U/TH/H
SOMATHERM Fixomultix (F17)	26	TH/H-ML	TH	TH/H
	26	TH/H-ML	TH	TH/H
SOMATHERM Pronorm Pressfitting	12-14-16-18-22-28	V	V	V
	35	-	-	V
SOMATHERM Soma multi (duofil)	16-20-32	RF-P/U	RF/U	U
SOMATHERM Somapress	12	RF-P	RF	H
	16-20-25-32	RF-P/U	RF/U	H/U
STPC Sopalpep Fit	16-20-26	TH	TH	TH
STELBI Polikraft	14-16-18-20-26-32	TH	TH	TH
	40	-	TH	TH
	50	-	-	TH
SYSTEM Woprex	14-16-20-26-32	HA	-	HA

T

TERMICALINE Termiplex	16-20-32	TH/U	TH/U	TH/U
	26	TH	TH	TH
THERMADOR	14-16	V	V	V/M
	12-15-18-22-28	V/M	V	V/M
	35	-	-	V/M
	42-54	-	-	V
TIEMME Cobra-Pex series 1700	16-20-25-32	RF-P	RF	-
TIEMME Cobrapress	14-16-18-20-25-26-32	TH	TH	TH
	40	-	TH	TH
	50	-	-	TH
	63-75	-	-	TH
TRA Multitrapress	16-20-25-32	U	U	U
	40	-	U	U
	50-63	-	-	U
TRA Trapress	12-16-20-25-32	RF-P	RF	H
TWEETOP	16-18-20-25-32	U	U	U
	40	-	U	U
	50-63-75	-	-	U

U

UNICAL Max Multiplex	16-20-32	U	U	U
	26	HM-L	-	H
UNIDELTA Deltall	16-20-32	TH/H-ML/U	TH/U	TH/H/U
	26	TH/H-ML	TH	TH/H
	40	-	TH/U	TH/H/U
	50-63	-	-	TH/U
UPONOR Système Multicouche	16-20-25-32	U	U	U
	40	-	U	U
	50	-	-	U
	63-75-90-110	-	-	U CHAINS

SYSTEM	*	Ø (mm)			
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V

VALSIR Bravopress PPSU	16-20	H-ML/TH/U	TH/U	H/TH/U
	26	H-ML/TH	TH	H/TH
	32	H-ML/TH/U	TH/U	H/TH/U
	40-50-63	-	TH/U	TH/U
VALSIR Brass connectors	14	H-ML	-	H
	16-20	H-ML/TH/U	TH/U	H/TH/U
	26	H-ML/TH	TH	H/TH
	32	H-ML/TH/U	TH/U	H/TH/U
	40	-	TH/U	TH/U
	50-63	-	-	TH/U
	75	-	-	U
VAN MARCKE Tubipex	16-18-20-26-32	TH	TH	TH
	16-20-26-32	TH	TH	TH
VAN MARCKE Tubipex	40-50-63-75	-	-	TH
	40-50-63-75	-	-	TH
VIEGA Prestabo	12-15-18-22-28	V	V	V
	35-42-54	-	-	V
VIEGA Profipress	12-14-15-16-18-22-28	V	V	V
	35-42-54	-	-	V
VIEGA Sanpress	12-14-15-16-18-22-28	V	V	V
	35-42-54	-	-	V
VIEGA Sanpress inox	15-18-22-28	V	V	V
	35-42-54	-	-	V
VSH Skinpress	14-16-18-20-26-32	TH	TH	TH
	40	-	TH	TH
	50-63	-	-	TH
VSH Sudopress	12-15-18-22-28	V	V	V
	35-42-54	-	-	V
VSH Xpress	12-15-18-22	M	M	M
	28	M	-	M
	35-42-54	-	-	M
VSH Xpress	12-15-18-22	M	M	M
	28	M	-	M
	35-42-54	-	-	M
VSH Xpress	12-15-18-22	M	M	M
	28	M	-	M
	35-42-54	-	-	M

W

WAVIN Tigris M1	16-20-25-32	U	U	U
	40	-	U	U
	50-63	-	-	U
WAVIN Tigris M5	16-20-25-32-40	H/TH/U	H/TH/U	H/TH/U
WIEDLAND Cuprotherm CTX	14-16-20	TH	TH	TH

Z

ZETAESSE Europex Isolex	14	TH/U	TH	TH/U
	16-20	TH/U	TH/U	TH/U
	26-32	TH	TH	TH
ZETAESSE HydroSan / ThermoSan	14	TH/U	TH	TH/U
	16-20	TH/U	TH/U	TH/U
ZEWOHERM	14-16-20-26-32	TH	TH	TH
	40	-	TH	TH
	50-63	-	-	TH