

MAKE THE MOST OF YOUR TALENT

MAKES THE MOST OF **OF YOUR** TALENT

At Virax, we are convinced that your talent **needs quality solutions so you can fully develop your abilities.** This is why our teams work with discipline and passion each day to boost quality; **not only for our products, but also for our services**.

We have been manufacturing our products in France, in Epernay, for almost a century now. This is no accident: we truly believe that our commitments are synonymous with quality and therefore loyalty.

We listen to our customers, both in France and abroad, and abroad, to improve our ranges each and every day, while our R&D team innovates to enhance our products in order to make your **operations more effective**, simple and qualitative.

Our commitments to boost your operations!



CONTENTS





GENERAL PURPOSE CUTTING, SAWING, CORE TOOLS, TIGHTENING DRILLING, REAMING, GAUGING





CONNECTION ASSEMBLY







WATERPROOFING, SEALING ROOFING





BENDING





MAINTENANCE





WORKSTATION





OUR **HISTORY**

VIRAX was created with the famous "Virax threader" that "turns around the Axis".

Conquering foreign markets thanks to VIRAX threaders. VIRAX operates in over 42 countries.

Relocation to Epernay (51), in the French region of La Marne.

VIRAX launches its **new** soldering / waterproofing / roofing range.

ISO 9001 certification was obtained.

Visioval Digital inspection camera [®] & M20+ Electro-mechanical Pressing fitting machine launched.

Environmental certification obtained: **ISO 14001**.













2016

2017

Launch of over 20 new products, i.e. 90+ years of innovation at the service of users!

VIRAX operates in over 60 countries. Launch of the user loyalty program in France: ELITE VIRAX.

Visioval[®] Digital Inspection Mini Camera launched, celebrating the 1st VIRAX APPLICATION for Smartphones and tablets.

2nd application for smartphones and tablets, new M21+ Electro-mechanical Press Fitting Machine, VIRAX officially on Facebook, Instagram, Twitter, YouTube and Google+. VIRAX follows and matches technological developments including communication changes.

2 year plan to reorganise production and distribution center:

industrial flows optimised for our site and new equipment; Double certification as per standards ISO 9001 and ISO 14001 (2015 version).

Export operations reinforced and **developed**; **Over** 15 new **products** launched.





FRENCH QUALITY **& BRAND**

MADE IN FRANCE AND PROMOTED WORLDWIDE.

VIRAX has established its reputation as a reference tool manufacturer for pipe maintenance and installation professionals. Both in fluid and gas applications, for almost a century!

With more than 2,500 products in its catalogue and over 10,000 references produced, VIRAX is currently the leader in France and number 4 in the European market.

The Quality policy implemented by VIRAX has been repeatedly praised and rewarded by the most demanding certifications over more than 20 years:

- ISO 9001 since 1997.
- ISO 14001 since 2008.
- OHSAS 18001 since 2008.







PRODUCTION AFTER-SALES SERVICE WARRANTY

Over 70% of our product range is industrialised in our $20,000 \text{ m}^2$ plant in Champagne region. As our tools are often used in harsh conditions, we build them to last using premium materials and the best industrial solutions available. On this basis, we are comfortable to offer a 2 year warranty on all Virax products.

Thanks to our investments in our hardware and software capacities, we are now able to adapt in real time our production. This enables to boost our deliveries and improve our service, satisfying further market demands.

Our commitment to the quality and the excellence of VIRAX products relies on an after sales service reaching equivalent standards. Based on this principle, the VIRAX after sales team is listening and available, but also offers tools on an extranet to simplify customer requests 24/7.



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R200

RESEARCH **& DEVELOPMENT**

As well as monitoring technical and technological innovations in the markets and listening carefully to our customers, we are convinced that **only a strict process can lead to the promotion of a quality solution.**

From the basic idea to the day the product is available on the shelves, the complete company is involved in the research and development process for a VIRAX product. Several prototypes may be required to meet both our requirements and the customer's needs.

New products and upgrades at our R&D unit in Epernay are systematically based on a deep-rooted drive:

• The drive to satisfy and plan ahead for the needs of our most demanding customers.

• The drive to create innovative tools, which are able to boost the quality and productivity of our professional customers.

• The drive to surprise the market thanks to ingenious developments of our products made by our engineers.

All of the resources invested in our R&D department feed one simple ambition: **establish our position as the benchmark for innovation, performance and reliability in the world of pipe tools.**



FROM DESIGN TO MANUFACTURING THE M21+ ELECTRO-MECHANICAL PRESS FITTING MACHINE



1// Discuss the project with user 2// CAD study for the 1st prototype **3**// Component quality control

4// Industrialisation of the approved product



MAKE THE MOST OF OUR **USERS**

VIRAX tools are by your side throughout your projects: What could you tell us?

"Working since 1995, I'm the 4th generation of heating and plumbing experts in my family. In our company, VIRAX tools are passed on from father to son, sharing our professional history and expertise. Despite their age, they are still operational and active. My favourite is a copper bender, which we've had for around 45 years, and which I still take with me on jobs."

How would you describe VIRAX and its tools?

⁴⁴These tools are innovative, effective and robust. VIRAX helps companies such as ours to move forward. Every VIRAX innovation is good news for plumbers.⁹⁹

Denis // age 42

Company manager -Grand Est region

VIRAX tools were by your side during your apprenticeship and the Worldskills France tests: How did these tools help to ensure your success?

⁴⁴VIRAX is THE brand in this market. Participating in Worldskills France tests with VIRAX tools is highly reassuring as quality is on the agenda.⁹⁹

How would you summarise the VIRAX brand in just 3 words?

⁴⁴Quality – French – Top-of-the-range.⁹⁹

Anthony // age 20 Gold medallist from Worldskills France

VIRAX tools are by your side throughout your projects: What could you tell us?

⁴⁴I have been using VIRAX tools for all of my plumbing and heating jobs since 1986. I work extensively with Sibéria, the test pump, Phénix, bending pliers, P25, the pipe cutter, etc. ... To cut a long story short, I practically own the entire catalogue.¹⁹

How would you describe VIRAX and its tools?

⁴⁴They are great tools, the best you can get for professionals. They are profitable as they are long-lasting and will not let you down in the middle of a job.⁹⁹



Luis // age 52

Installer - Spain

MAKE THE MOST OF YOUR TALENT AS PER ELIAN

CycloPlombier (plumbers on bikes) - Paris

"I am a big fan of VIRAX, to the point of picking up old VIRAX tools from flea markets."



PIPE WRENCH

0100 : Swedish key - 90°

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

Α "	A mm	A max.	L"	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

0100 : Swedish - 45° Pipe Wrench

45° head angle. Parallel jaws for effective nut gripping. Teeth fully surround the pipe so it cannot escape.

Special notch for nut corner. Non-pinch handles.



Α "	A mm	A max.	L"	L mm	E mm	Kg	Ref.
1	34	45	12.1/2	315	10	0,725	010041
1.1/2	49	61	16.3/4	445	12	1,380	010042
2	60	82	22	560	14	2,600	010043

0104 : Swedish Pipe Wrench

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



Α "	A mm	A max.	L"	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

Witax Make the most of your talent

0105 : Swedish - 45° Pipe Wrench

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

Α "	A mm	A max.	L"	L mm	E mm	Kg	Ref.
1/2	21	29	9.1/2	240	15	0,465	010521
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
3	90	102	27.3/4	705	28	4,160	010590

0106 : Chain Wrench

Forged, heat-treated jaws for a powerful grip. Heat-treated nickle-chrome pin. Fast opening. Heavy-duty tool for securely tightening pipes in difficult-to-reach locations (water and gas pipes in trenches, pipelines, etc.).

ſ	Α "	A mm	C mm	L."	L mm	E max. mm	E1 mm	Kg	Ref.
ſ	1/8 - 1	10 - 34	275	14	350	52	16	1,175	010610
	1/8 - 3	10 - 90	470	27	680	64	20	4,100	010611
	1/4 - 6	13 - 165	690	36	930	90	32	7,650	010613

0107 : Chain Wrench

Reversible jaws double the lifespan of the wrench.

Very heavy-duty wrench for tightening the large diameter pipes used in the chemical and petroleum industries, shipyards, etc.



Α "	A mm	C mm	L"	L mm	E max. mm	E1 mm	Kg	Ref.
1/4 - 2.1/2	13 - 76	415	22	550	55	22	3,200	010731
3/4 - 4	27 - 114	560	35	900	60	20	5,900	010732
1 - 6	34 - 165	690	42	1065	80	32	8,720	010733
1.1/2 - 8	48 - 219	1090	50	1285	82	32	14,500	010734
2 - 12	60 - 320	1440	64	1600	100	40	24,000	010735



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.



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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	L"	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	240	27	7	0,310	010924
36	300	35	10,5	0,485	010930

0112 : Insulated Slip-Joint Pliers - Straight Jaws

Grooved ratchet system prevents slippage for effective tightening. Plastic handle grips. Chrome-vanadium steel body. Straight jaws: very large capacity.



A mm	L mm	P mm	E mm	Kg	Ref.
100	400	75	14	1,065	011240

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).

Available with classical or 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	no	0,240	018202
56	250	45	8	15	no	0,420	018208
35	180	32	6	13	yes	0,245	018212
56	250	45	8	15	yes	0,425	018218

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



0182 : Display for Extra-Wide Opening Multigrip Pliers

Counter display box containing 4 x 180 mm extra-wide opening multigrip pliers with non-slip handles (018212), 4 x 250 mm extra-wide opening multigrip pliers with non-slip handles (018218), 4 x 180 mm extra-wide multigrip pliers with fast locking button (018222), 4 x 250 mm extra-wide multigrip pliers with fast locking button (018228).

Kg	Ref.
5,600	018230

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	Emm	Kg	Ref.
60	240	42	10	0,310	011324

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.



Α "	A mm	L."	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



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.



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.



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Α "	A mm	L."	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

VIGRAGRIP 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. Replaceable lower jaw.

s next to

Α "	A mm	L."	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

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. Replaceable lower jaw.





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 \emptyset 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	L"	Lmm	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.



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

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

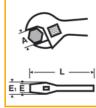
Ideal for assembly and disassembly of locknut systems.

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.







Accross flats A mm	Accross flats A"	E mm	E1 mm	L mm	L."	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



Safety, one of the top concerns of Virax

Safety throughout the site is at the heart of Virax's concerns:

Emergency situations, incidents and accidents are avoided through a prevention process. The target is zero accident.

Mitigate, and whenever possible eliminate, nuisances and risks in terms of occupational health and safety for all staff and interveners.

Focus on safety equipment.

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.

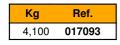




Accross flats A mm	Accross flats A"	Emm	E1 mm	L mm	L"	Kg	Ref.
27	1.1/16"	5,3	10,8	162	6	0,160	017030
34	1.5/16"	7,2	14,0	209	8	0,320	017031
40	1.9/16"	7,7	15,5	261	10	0,510	017032
45	1.3/4"	9,5	19,0	313	12	0,835	017033

0170 : Display Box of Extra-Wide Opening Adjustable Wrenches

Display box containing 6×6 " extra-wide opening adjustable wrenches(017045) and 6×8 " extra-wide opening adjustable wrenches(017050).







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.**

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.



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Accross flats A mm	Accross flats A"	E mm	E1 mm	Lmm	L"	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



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





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

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 ^r	Carré 5 à 10 mm, triangle 7 à 9 nm, 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 encourages WorldSkills France

As an official supplier of the national finals of Plumbing, Heating and Metallic Roofing professionals, our objective is to support apprenticeship and professional training of young adults before the age of 23. Apprentices are able to express all their talent and invest in their future while promoting their trade.





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 + 7 end fittings + jaw	9 - 10 - 11 - 12 - 13 - 14 - 17 - 32	0,400	261470







Virax is on Facebook!

@viraxofficial

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





CARPENTERS PENCIL / CHALK LINE

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	Hmm	Emm	Kg	Ref.
230	38	18	0,085	263125

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.

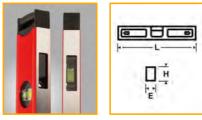
Tubular vial level:

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	Hmm	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.

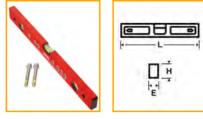
High quality aluminium profile.

Supplied with:

- 2 removable calibres.

- Storage pouch.





Description	L mm	Hmm	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 Hexagonal Keys

Ring set of hexagonal keys. For hexagonal socket head screws.

Number of keys	A mm	Kg	Ref.
8	1,5 - 2 - 2,5 - 3 - 4 - 5 - 6 - 8	0,150	311458



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.

Туре	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
Fabric pouch for small tools	0,200	382652





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





Virax has been certified ISO 9001 since 1997

And in 2016 our Quality Management System was acknowledged through certification in its new 2015 version.

3425 : Display of Seven-Bit Screwdrivers.

Ref. 342500: Display containing 25 seven-bit screwdrivers (342501). Ref. 342510: Display containing 15 Torx seven-bit screwdrivers (342511).



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

3425 : Display of Six-Bit Mini Screwdrivers

Display containing 16 six-bit mini screwdrivers (342521).

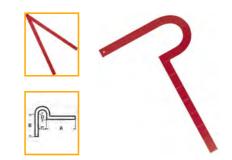
Kg	Ref.
2,880	342520



SQUARE

2206 : Square

Ref. 220610/220620: For measuring the squareness of pipe flanges prior to welding. Ref. 220630: Used to copy angles.



Туре	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

Witax Make the most of your talent

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 supports future professionals

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.



Functional and hard-wearing. Your companion on every site!



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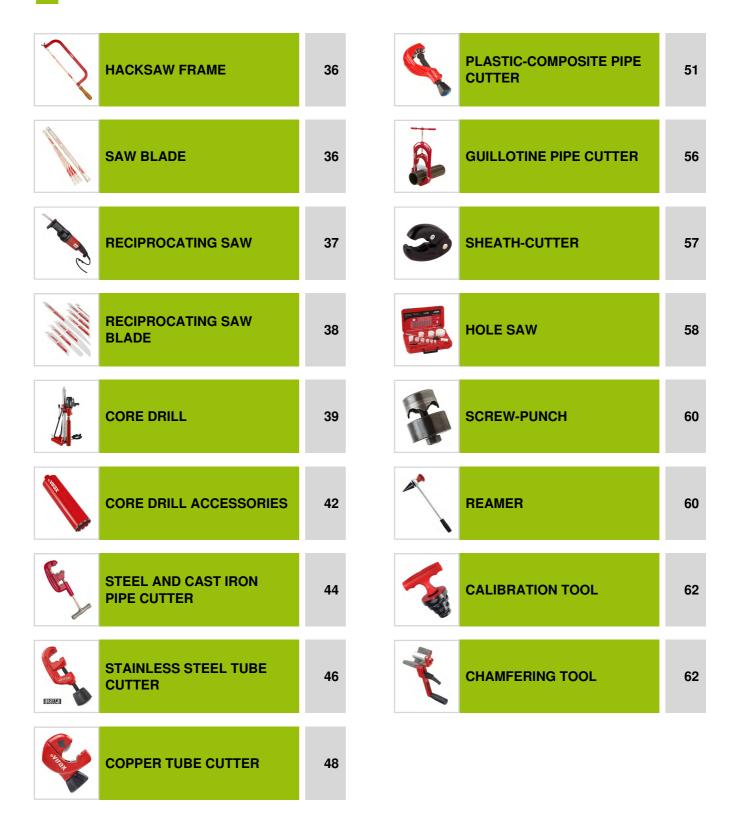
MAKE THE MOST OF YOUR TALENT AS PER AUDE

Reconverted plumber - Paris

VIRAX products are longlasting, and can be mistreated on worksites.

NICON CONTRACTOR

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



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	Lmm	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, a French story

Nearly a century ago, in 1920, two Frenchmen established Virax by launching its famous "Virax threader", the threader that "Turns around the Axis". Nowadays, it is still from Epernay, at the heart of the Marne and Champagne country, that Virax manufactures and distributes its professional product ranges in more than 40 countries.

RECIPROCATING SAW

0450 : Reciprocating Saw

Advantages

Powerful and versatile: The Virax reciprocating saw is the ideal tool for all intensive or occasional cutting tasks. **Electronic control:**

Soft starting for better tube cutting action. **Electrical overload protection** (current and temperature).

Constant electronic system ensures constant speed under varying load.

2" Clamping vice for a perpendicular cut. 1300 W rated power for reliability. Replaceable carbon brushes. Fixed shoe for stability during freehand cutting. Ergonomic rubberised casing for maximum safety and optimum grip. Ergonomic non-slip handle for a secure grip when cutting. Universal 12.7 and 20 mm blade holder with secure fastening screw. Orbital movement for better removal of shavings and a faster cut. Safety switch to avoid accidental operation. **Cutting capacities:** Steel pipe: up to 6" (168.3 mm). Steel sections, nail-embedded wood, pallets: up to 250 mm.

Steel sheet: up to 6.3 mm thick.

Supplied with:

- 1 2" clamping vice (ref.045003),

- 1 hexagonal wrench,

- In a case.

Motor	Voltage V	Power W	Size mm	Speed cut/minute	Stroke mm	Kg	Ref.
Universal single-phase	230 V – 50/60 Hz	1300	520 x 100 x 100	2200	30	4,200	045001

0450 : Reciprocating Saw Vice

Fits all shapes. For making square-cuts in pipes and sections.



Description	Capacity "	Size mm	Kg	Ref.
Clamping vice	2	140 x 125 x 95	1,190	045003



Virax, French manufacturer

In its Production Centre extending over more than 25,000 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.

2 CUTTING / SAWING / CORE DRILLING / REAMING / GAUGING

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. 12,7 mm shank.



Use	Length x width x thckness, 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
Metal 1,5-4 mm, stainless steel 1,5-4 mm	150 x 19 x 0,9	6 x 3/4 x 0,035	18	7	0,092	046005
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 4-25 mm	100 x 19 x 0,9	4 x 3/4 x 0,035	14	6	0,090	046013
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



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 lift 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

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.





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

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 lift 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) : $538 \times 330 \times 1110$ 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.



Virax, French manufacturing

Located in Epernay, the Capital of the Champagne region, the Virax company was formed about a century ago with the famous "Virax threader" that « Turns around the Axis ». The production centre now extends over more than 25 000 sqm.





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 lift 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+.

Augustable brake, Stop button, easy positioning of the v

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 committed to WEEE management

As a producer, Virax has implemented a process for collecting Waste from Electrical and Electronic Equipment (WEEE) in compliance with the European Directive 2012/19/UE. In compliance with its environmental commitment, Virax organizes the management and recycling of WEEE at end of life.





2 CUTTING / SAWING / CORE DRILLING / REAMING / GAUGING

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 (\emptyset 25 – 250 mm) or with release sphere (\emptyset 300 – 350 mm).

Segments welded by cold fusion: extreme tear strength and 100% segment used. Re-segmentable core bit.





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

Ømm	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.



Go to www.virax.com

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

0500 : Vacuum Pump for Core Drill

For core drills:

V 150+ / V 250 / V 35O / V 130 / V 200 / V 300.

For quickly clamping Virax core drills without damage to the floor or wall. "Suction" effect allows drill to be secured without anchor bolts, thus avoiding damage to the support (wall, ceiling, tiling, etc.).

Supplied without slot cap + gasket (ref. 050114).

Kg	Ref.
14,300	050043

0501 : Core Drill Accessories

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

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



2



Description	Ø max. mm	V 150+	V 250	V 350	Kg	Ref.
Water retriever + 2 seals	152	ok	-	-	2,000	050112
Seal for water retriever	152	ok	-	-	0,150	050113
Water retriever + 2 seals	250	-	ok	-	4,000	050122
Seal for water retriever	250	-	ok	-	0,300	050123
Water retriever + 2 seals	350	-	-	ok	5,000	050132
Seal for water retriever	350	-	-	ok	0,600	050133
Support stand cover plate + seal		ok	-	-	0,500	050114
Vacuum base seal		ok	-	-	0,150	050115
Support stand cover plate + seal		-	ok	ok	0,600	050124
Vacuum base seal		-	ok	ok	0,200	050125
Wheels for support stand		ok	*	*	1,000	050119
10 anti-lock washers		ok	ok	ok	0,050	050139
Anchor spindle		ok	ok	ok	1,100	050141
Adaptor F/F 1.1/4?-1/2?		ok	ok	ok	0,650	050145
Adaptor M/M 1.1/4"-1/2"		-	-	-	0,530	050144
Extension 1/2? x 200 mm		ok	ok	ok	0,900	050146
Extension 1.1/4? x 300 mm		ok	ok	ok	3,000	050147
Hilti® adaptor DD100-DD130 SDS 1/2"-1.1/4"	-	ok	ok	ok	0,420	050155
Water and dust vacuum cleaner	-	ok	ok	ok	10,000	050157
Centring bit		ok	-	-	1,000	050158
Hilti® adaptor DD160-DD250 1/2"-1.1/4"	-	ok	ok	ok	0,950	050160
Steel transport case		-	ok	ok		050174

CUTTING / SAWING / CORE DRILLING / REAMING / GAUGING

Description	Ø max. mm	V 150+	V 250	V 350	Kg	Ref.
Sharpening stone	-	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.

Ref.
050049



0500 : Electrical Water Pump

For core drills: V 150+ / V 250 / V 350 / V 130 / V 200 / V 300.

Easy, convenient and economical system, to supply the core drill with water. It is the ideal product to solve the damaging of the core bits due to insufficient water-suppling. Warning : Always keep the pump horizontally. Max lifting height: 1.8m.



Size mm	Voltage V	Kg	Ref.
340 x 190 x 280	220	1,640	050055

STEEL AND CAST IRON PIPE CUTTER

2101 : Steel Pipe Cutter

Max thickness: 5 mm.

For quickly cutting steel pipes (gas- API-etc...) cleanly and squarely. Also cuts stainless steel pipes (> 2 mm thick) with cutting wheels 210123 and grey cast iron with cutting wheels 210122.





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

Virax a daily player in environmental protection

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CITEO
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As a member of **Citeo**, an eco-organization funding the collection and sorting of paper, Virax is committed to preserving natural resources, by using recycled paper within the company and for all its advertising media, and participating in this funding via the eco-contribution.

2101 : Steel Pipe Cutter

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).





A pipe "	A pipe mm	L mm	H mm	E maxi mm	Kg	Ref.
2 - 4	60 - 114	1030	235	7	9,000	210145
4 - 6	114 - 165	1110	260	7	10,300	210165

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	Hmm	E max. ı	mm No. of whe	els 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 max. 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.

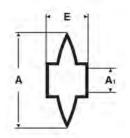


A pipe "	A pipe mm	L mm	H mm	E max. mm	No. of wheels	Kg	Ref.
2.1/2 - 6	76 - 150	600	175	7	8	6,850	210260
5 - 12	125 - 300	1000	260	8	9	16,500	210265



CUTTING / SAWING / CORE DRILLING / REAMING / GAUGING

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	Grey cast iron	42	9,6	8	5	0,285	210211
210220	Grey cast iron	47	11,1	9,5	5	0,390	210221
210210	Ductile cast iron	45	9,6	8	5	0,300	210261
210220	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
210260	Ductile cast iron	45	9,6	8	5	0,300	210261
210265	Ductile cast iron	50	11,1	9,5	5	0,375	210266
210260	Grey cast iron	42	9,6	8	5	0,285	210211
210265	Grey cast iron	47	11,1	9,5	5	0,390	210221

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	Hmm	E maxi mm	Kg	Ref.
6 - 28	1/4 - 1.1/8	142	55	3,2	0,385	210469



Virax in France, is also...

The Virax head office, located in Epernay, France, groups all activities: R&D department, Production Centre, Quality pole, Customer service, Purchasing department, After-Sales Service... up to the Storage and Distribution center.

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	Hmm	E maxi mm	Kg	Ref.
3 - 35	1/8 - 1.3/8	165	64	3,2	0,450	210471

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

2101 : Stainless Steel Pipe Cutter 10-90 mm

Max. thickness: 5 mm.

Excellent weight distribution giving improved inertia and providing high stiffness. Thrust ball bearing prevents slider wear and reduces the turning torque of the screw.

Ref. 210125 : Also works on steel pipes with cutting wheels 210121 fitted.

Ref. 210110 - 210130 : Steel pipe cutter (supplied with a steel cutting wheel). Also works on stainless steel pipes with cutting wheels 210123 fitted.

A mm	A " OD	L mm	H mm	E maxi mm	Kg	Ref.
10 - 42	1/8 - 1.1/4	310	118	5	1,740	210110
21 - 60	1/2 - 2	400	155	5	3,010	210125
27 - 90	3/4 - 3	460	177	5	4,220	210130





2104 : Stainless Steel Pipe Cutter 14-54 mm

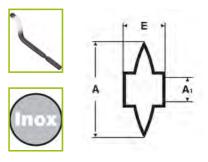
Max thickness: 3.2 mm.

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	Cutting Wheel	18,5	4,77	3,15	10	0,038	210360
210469 - 210471 - 210475	Cutting Wheel	18,5	4,77	3,15	10	0,038	210360
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 ans optimum tightening. Quick and tool-less wheel change.



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	Hmm	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 materialto be cut.

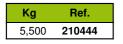




A mm	A " OD	L mm	Hmm	E maxi mm	Kg	Ref.
3 - 35	1/8 - 1.3/8	165	64	2	0,450	210443

2104 : Display Box of Copper Tube Cutters ZR 35

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







Virax certified ISO 14001 and OHSAS 18001 since 2009

And in 2016 our Environmental Management System was acknowledged through certification in its new version ISO 14001: 2015.

2

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

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 capaccording to the materialto be cut.

A mm	A " OD	L mm	Hmm	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

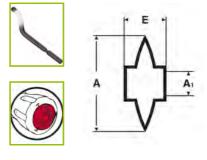
Max thickness: 2 mm.

Slider-mounted cutting wheel. Phosphate-coated cutting wheel and rollers. Knob provides excellent grip.



A mm	A " OD	L mm	Hmm	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	Cutting Wheel	18,5	4,77	3,15	10	0,030	210350
210437 - 210439 - 210441 - 210443 - 210445 - 210447	Cutting Wheel	18,5	4,77	3,15	10	0,030	210350
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 capaccording to the materialto 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

H mm

125

L mm

295

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

Max thickness: 8 mm.

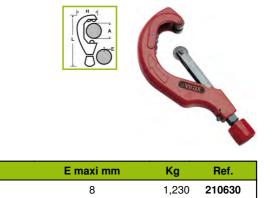
A mm

50 - 110

For pipes in plastic, composite materials and multilayer. Releasable nut for quick fast forward and reverse wheel adjustement. Fitted with 3 rollers to avoid crushing the pipe.

A " OD

2 - 4



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

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	Hmm	E maxi mm	Kg	Ref.
3 - 32	1/8 - 1.1/4	165	64	3	0,450	210487

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 \emptyset 6 to \emptyset 40 mm according to the type of tube. 1 spare wheel.

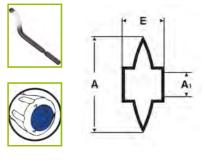
Retractable rotating reamer with interchangeable blades. Grooved rollers for cutting tight up against flanges.





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	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

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	Hmm	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



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

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 (Tricoclair®), 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.

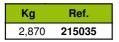




A mm	A " OD	L mm	Hmm	Kg	Ref.
32	1.1/4"	198	90	0,195	215032

2150 : Display Box of PC 32 Pipe Cutters

Display containing 12 pipe cutters (215032).





Benefit of VIRAX Soft Touch®

In addition to visually emphasize the hand's position on the tool, the Soft Touch® coating provides you with the best grip. On tools such as the PC42, it makes the tool easier to hold in the palm of your hand, and prevents cutting fatigue. On the ZR35, it enables to increase the torque applied to the slide, reducing fatigue and providing more accuracy when used. Pre-qualification and endurance tests have been carried out to determine the best combination between nuance – hardness – grain for the Soft Touch®.

2150 : PC 42 Plastic Tube Cutter up to 42 mm

Advantages

Patented ratchet mechanism:

Quick cutting with little cutting effort, no return of the blade during cutting. **Accurate:** The V-shaped blade enables easy, perpendicular cutting. **Integral chamfering tool:** For PVC tubes before pasting.

Material cut: PVC, PP, PE, PER, PEX, ABS, PEHD, CPVC, PPR, PB, multilayer. 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. Integral wire-cutter: max Ø: 12 mm, max cross section: 4 x 2.5 mm². Chamfer angle: 15°.





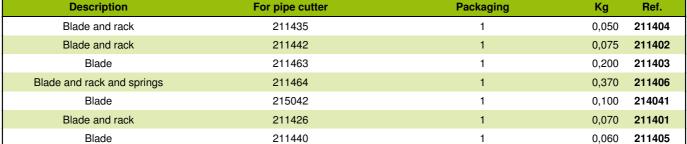
A mm	A " OD	L mm	H mm	Kg	Ref.
42	1.5/8	238	113	0,530	215042

2150 : Display Box of PC 42 Plastic Tube Cutters

Displays containing 6 tube cutters (215042).

Kg	Ref.
3,820	215060

2114 - 2140 : Blade - Plastic-composite Tube Cutter



2







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

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

2115 : Blade - Guillotine Pipe Cutter

Stainless steel blade.

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





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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 \emptyset 45 mm. Cuts the corugation at the top of the grove 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.



2



For corrugations	L mm	Hmm	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. Easy removal of the blank. 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
Basic kit - 5-piece hole saw set	22-25-29-32-39	1 arbor with Ø 6 mm pilot drill, 1 adaptor	0,590	220908



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. Easy removal of the blank. 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.





Ømm	Ø "	H mm	Kg	Ref.
15,9	5/8	50	0,025	220910
17,4	11/16	50	0,030	220911
19	3/4	50	0,030	220912
22,2	7/8	50	0,045	220914
25,4	1	50	0,060	220916
27	1.1/16	50	0,070	220917
28,6	1.1/8	50	0,080	220918
31,7	1.1/4	45	0,085	220920
33,3	1.5/16	45	0,090	220921
34,9	1.3/8	45	0,090	220922
38,1	1.1/2	45	0,090	220924
41,3	1.5/8	45	0,100	220926
44,4	1.3/4	45	0,085	220928
47,6	1.7/8	45	0,130	220930

Ømm	Ø "	Hmm	Kg	Ref.
50,8	2	45	0,140	220932
54	2.1/8	45	0,120	220934
57,1	2.1/4	45	0,130	220936
60,3	2.3/8	45	0,135	220938
63,5	2.1/2	45	0,210	220940
66,7	2.5/8	45	0,160	220942
76,2	3	45	0,205	220948
82,6	3.1/4	45	0,195	220952
88,9	3.1/2	45	0,365	220956
101,6	4	45	0,285	220964
104,8	4.1/8	45	0,500	220966
114,3	4.1/2	45	0,540	220972
127	5	45	0,650	220980

2209 : Accessories for Hole Saws

Description	Kg	Ref.
Arbor and pilot drill for saws Ø 14 a 130 mm	0,065	220900
Arbor and pilot drill for saws Ø 32 a 152 mm	0,220	220901
Pilot drill	0,020	220903





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

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

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 \emptyset 6 to 40 mm. For copper pipes: **reaming** inner \emptyset 6 to 42 mm - **reaming** outer \emptyset 6 to 40 mm. Impact and cold resistant polypropylene housing.

Packaging	Kg	Ref.
1	0,115	221250





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	Hmm	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







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

NEW

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



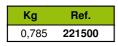


CHAMFERING TOOL

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.



2215 : Blade and Counter-Blade

For	Packaging	Kg	Ref.
221500	1	0,026	221501







Tools for manual cutting and reaming of plastic tubes and pipes up to \emptyset 315 mm.



VIPAX

MAKE THE MOST OF YOUR TALENT AS PER ANTHONY

Cold medallist from Worldskills France 2017

"VIRAX is the benchmark brand in the trade: Quality, French, Top-of-the-range, "

wirax



MANUAL HYDRAULIC BENDER	66
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MANUAL HYDRAULIC BENDER

2402 : Manual Hydraulic Bender

Advantages

Bending capacity: Gas pipes: \emptyset 3/8" to 4" (nfa 49115-en10255). Locksmith's pipes: \emptyset 12 à 45 mm. Multilayer pipes: \emptyset 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.

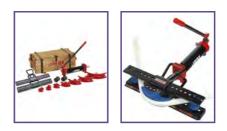
- All necessary precautions must be taken when filling the ram to avoid foreign matter

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	Туре	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
Multiplayer	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	Туре	Kg	Ref.
Ø 12 to 45	Manual - no.2	Sliding Cheeks	58,000	240279



Safety, one of the top concerns of Virax

Safety throughout the site is at the heart of Virax's concerns:

Emergency situations, incidents and accidents are avoided through a prevention process. The target is zero accident.

Mitigate, and whenever possible eliminate, nuisances and risks in terms of occupational health and safety for all staff and interveners. Focus on safety equipment.

POWERED HYDRAULIC BENDER

2408 : Powered Hydraulic Bender

Advantages

Bending capacity:

Gas pipes: \emptyset 3/8" to 4" (nfa 49115 - en 10255). **Locksmith's pipes**: \emptyset 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	Туре	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	□188,0 00	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	□303,0 00	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





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 - 1.1/2	n°1	10,750	240210
Dolly OC (x1)	3/8 - 1.1/2	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 encourages WorldSkills France

As an official supplier of the national finals of Plumbing, Heating and Metallic Roofing professionals, our objective is to support apprenticeship and professional training of young adults before the age of 23. Apprentices are able to express all their talent and invest in their future while promoting their trade.

2402 - 2408 : Cheeks 2.1/2"

For medium and heavy series gas pipes.



Description	Ø "	For ram	Kg	Ref.
Upper cheek	3/8 - 2.1/2	n°2	20,000	240221
Lower cheek	3/8 - 2.1/2	n°2	24,000	240220
Dolly (x1)	3/8 - 2.1/2	n°2	1,410	240116

2402 - 2408 : Hinged cheek 3"

For medium and heavy series gas pipes.



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



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2402-2408 : Sliding Cheeks - Locksmith's Conduit

For Locksmith's conduit.



225 e e

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).

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



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



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





Virax supports future professionals

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.



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

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



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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 \emptyset 22 mm, **multilayer pipes** up to \emptyset 32 mm, **stainless steel** and **zinc-platedtubes** up to \emptyset 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 steelrack and mechanism. Adaptable use: 1 hand for fast bending on most diameters, 2 hands for high strengthon 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.





2500 : Former for 2500 / 2503 Crossbow Bender

Bending

radius mm

40

45

50

50

54

70

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.

Kg

0,063

0,065

0,087

0,081

0,082

0,150

Ref.

250010

250012

250014

250015

250016

250018

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.

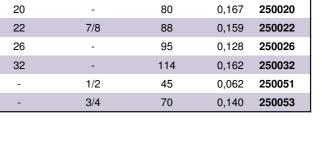
Pipe O.D. "	Pipe O.D. mm	Kg	Ref.
3/8 - 1/2 - 5/8	10 - 16	0,470	250001
3/4 - 7/8	18 - 22	0,600	250002
-	26 - 32	0,700	250003

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



Bending

radius mm

Pipe O.D. mm Ø ext. tube "



Kg

Ref.





Pipe O.D. mm Ø ext. tube "

3/8

-

-

5/8

-

10

12

14

15

16

18

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



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, a French story

Nearly a century ago, in 1920, two Frenchmen established Virax by launching its famous "Virax threader", the threader that "Turns around the Axis". Nowadays, it is still from Epernay, at the heart of the Marne and Champagne country, that Virax manufactures and distributes its professional product ranges in more than 40 countries.



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

-1-	

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

For hardened and annealed copper pipes: Ø 8 to 16 mm / wall thickness: 1 to 1.2 mm. Bending radius: approx. 3.85 D. Lightweight alloy body.

Rounded shape, can rest on the knee.

180° bending angle.

Handles designed for clamping in a parallel vice.

Pipe O.D. mm	Bending radius mm	Kg	Ref.
8	35	0,490	251408
10	40	0,925	251410
12	45	0,850	251412
14	50	1,340	251414
15	55	1,385	251415
16	60	1,730	251416





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:

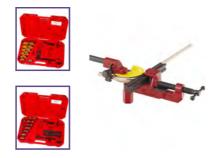
A proactive product plan. A constant innovation process. A focus on permanent improvement. Improved customer services. An assurance of optimum availability rate. **Customer satisfaction, the heart of our commitments.**



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.



Туре	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	Universal formers	12 - 15 - 18 - 22 mm	15,000	250273
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	Universal formers	12 - 15 - 18 - 22 mm	14,500	250283
With sliding guide	Standard formers	10 - 12 - 14 - 16 - 18 - 20 - 22 mm	15,000	250285
With sliding guide	Standard formers	12 - 15 - 18 - 22 mm	12,360	250286

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.

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Para -	

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
Loose Guide	8 - 10 - 20 - 22 mm	1,160	250210
Loose Guide	12 - 14 - 16 - 18 mm	1,180	250212

Description	Pipe O.D.	Kg	Ref.
Loose Guide	12 - 15 - 18 - 22 mm	0,935	250214
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
Sliding Guide + Pin	12 - 15 - 18 - 22 mm	0,270	250215
Sliding Guide + Pin	5/16 - 3/8 - 7/8"	0,280	250217
Sliding Guide + Pin	1/2 - 5/8 - 3/4"	0,290	250219

Wirax Make the most of your talent

3



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



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.

PORTABLE ELECTRIC BENDING MACHINE

2518 : Portable Battery-Powered Bender Eurostem® II

Advantages

For small and medium-sized series in the workshop or on site...

Self-contained:2 batteries (supplied) provide sufficient power for several hundred bends.

Accurate bends ensured by speed-reducer.

Handy mobile hook for easy pipe installation and removal.

Bending radius in accordance with European standard EN 1057. Bends up to 180°. Motor drive: - 14.4 V – 2,4 Ah Li-Ion battery. - Bending speed: 0 to 4 rpm.

Ref. 251806 : For PEX/AL/PEX pipes

Formers Ø	Counter former Ø	Kg	Ref.
12 - 14 - 16 - 18 - 22 mm	12/15 - 14/16 - 18/22 mm	16,400	251800
12 - 15 - 18 - 22 mm	12/15 - 18/22 mm	15,000	251805
16 - 20 - 26 - 32 mm	14/16 - 20 - 26 - 32 mm	15,000	251806
15 - 22 - 28 mm	12/15 - 18/22 - 28 mm	15,000	251845
15 - 18 - 22 mm	12/15 - 18/22 mm	14,000	251846
14 - 16 - 18 - 22 - 28 mm	14/16 - 18/22 - 28 mm	17,800	251854
1/2 - 5/8 - 3/4 - 7/8"	1/2 - 5/8 - 3/4 - 7/8"	14,000	251850



3



Capacities

Maximum capacity:

- Hard copper, locksmith and hydraulic pipes: Ø 10 to 28 mm, wall thickness 1 to 1.5 mm.

- Stainless steel: Ø 10 to 22 mm, wall thickness 1 mm, Ø 28 mm, wall thickness 1.2 mm.

– PEX/AI/PEX: Ø 14 à 32 mm.

Delivered with

- 2 Li-Ion batteries 14.4 V 2.4 Ah.
- 1 fast 45 min. charger.

- in a case.



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EXPORT Phone: +33 3.26.59.56.57 Fax: +33 3 26.59.56.70 Email: export@virax.com **Exploded views and manuals**: www.virax.com, Documentation section.



2518 : Portable Power Bender Eurostem® II

Advantages

For small and medium-sized series in the workshop or on site... Accurate bends ensured by speed-reducer. Handy mobile hook for easy pipe installation and removal.

Bending radius in accordance with French standard EN 1057. Bends up to 180° . **Motor drive**: 230 V - 50/60 Hz - 550 W. - Bending speed: 0 to 3 rpm.

Ref. 251808 : For PEX/AL/PEX pipes



Formers Ø	Counter former Ø	Kg	Ref.
12 - 14 - 16 - 18 - 22 mm	12/15 - 14/16 - 18/22 mm	14,170	251802
12 - 15 - 18 - 22 mm	12/15 - 18/22 mm	14,000	251807
16 - 20 - 26 - 32 mm	14/16 - 20 - 26 - 32 mm	15,000	251808
15 - 22 - 28 mm	12/15 - 18/22 - 28 mm	15,000	251847
15 - 18 - 22 mm	12/15 - 18/22 mm	14,000	251848
14 - 16 - 18 - 22 - 28 mm	14/16 - 18/22 - 28 mm	16,000	251856
1/2 - 5/8 - 3/4 - 7/8"	1/2 - 5/8 - 3/4 - 7/8"	14,000	251852



Capacities

Maximum capacity:

- Hard copper, locksmith and hydraulic pipes: Ø 10 to 28 mm, wall thickness 1 to 1.5 mm.
- Stainless steel: Ø 10 to 22 mm, wall thickness 1 mm, Ø 28 mm, wall thickness 1.2 mm.

- PEX/AI/PEX: Ø 14 à 32 mm.

Delivered with

- in a case.

2518 : Former and Counter-Former for Eurostem® II

Ref. 251826/251831 : For PEX/AL/PEX pipes. Ref. 251829 : For stainless steel pipes Ø 28 x 1.2 mm.



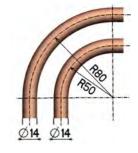
Туре	Pipe O.D. mm	Pipe O.D. "	Bending radius	Kg	Ref.
Formers and counter-former	10	-	40	0,260	251810
Former	12	-	45	0,220	251812
Former	14	-	50	0,290	251814
Former	15	-	55	0,325	251815
Former	16	-	60	0,380	251816
Former	18	-	70	0,590	251818
Formers and counter-former	20	-	77	0,930	251820

Туре	Pipe O.D. mm	Pipe O.D. "	Bending radius	Kg	Ref.
Former	22	-	77	0,710	251822
Formers and counter-former	25	-	98	1,720	251825
Formers and counter-former	26	-	98	1,700	251826
Formers and counter-former	28	-	98	1,560	251828
Formers and counter-former	28	-	112	□1,820	251829
Formers and counter-former	32	-	□112	□1,620	251831
Formers and counter-former	-	3/8	40	0,270	251860
Former	-	1/2	45	0,240	251863
Former	-	5/8	55	0,320	251866
Former	-	3/4	70	0,600	251869
Formers and counter-former	-	1.1/8	98	1,600	251879
Former	-	7/8	77	0,690	251872
Counter-former	12/15	-	-	0,055	251832
Counter-former	14/16	-	-	0,065	251833
Counter-former	18/22	-	-	0,085	251834
Counter-former	-	1/2 - 5/8	-	0,050	251882
Counter-former	-	3/4 - 7/8	-	0,080	251883

2518 : Concentric Radius Former for Eurostem® II

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

Ø mm	Bending radius	Kg	Ref.
12	75	0,410	251835
14	80	0,580	251836
16	90	0,780	251837
18	105	0,960	251838
22	120	1,380	251839



2518 : Accessories for Eurostem® II

Description	Kg	Ref.
Tripod	6,400	251809
Battery 14,4 V - 2,4 Ah Li-Ion	0,645	253244
230 V Charger - for 14,4 V battery - 2,4 Ah Li-Ion	0,740	251844
Mains adaptor 230V - 14,4V	0,980	252938





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VIRAX tools have incredibly long life cycles. They are really number 1.

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</u> 📒 CONNECTION / ASSEMBLY

CUTTING OIL

1101 - 1102 - 1105 : Mineral Cutting Oil

Specially designed for manual and powered threading. 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
5 L – Special Stainless steel	Container	4,600	110505



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, French manufacturer

In its Production Centre extending over more than 25,000 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.

ADJUSTABLE MANUAL THREADER

1265 - 1275 : Adjustable Manual Threader

Forged, heat-treated steel, reversible without removal, for right and left-hand threads. Two removable tubular steel handles, can be screwed end to end.

Adjustable rear guides for centring the threader on the pipe.

Opening lever disengages the dies from the pipe when threading completed for trimming metal shavings and removing the threader from the pipe.



Description	Pipe O.D. "	Pipe O.D. mm	Dies	Kg	Ref.
Single ratchet 1" to 3"	1.1/2 - 2, 2.1/2 - 3	40/49 - 50/60, 66/76 - 80/90	Right BSPT	19,100	126500
Single ratchet 1" to 3"	1 - 1.1/4, 1.1/2 - 2, 2.1/2 - 3	26/34 - 33/42, 40/49 - 50/60, 66/76 - 80/90	Right BSPT	20,000	126520
Single ratchet 2.1/2" to 4"	2.1/2 - 3, 3.1/2 - 4	66/76 - 80/90, 90/102 - 102/114	Right BSPT	25,200	127500
Single ratchet housing only	1 - 3	-	-	18,600	126599
Single ratchet housing only	2.1/2 - 4	-	-	23,150	127599

1245 - 1265 - 1275 : Set of Dies



Description	Pipe O.D. "	Pipe O.D. mm	For adjustable threader	Kg	Ref.
Right BSPT	1/4 - 3/8	3/8 - 12/17	1240 - 1245	0,575	124501
Right BSPT	1/2 - 3/4	15/21 - 21/27	1240 - 1245	0,560	124502
Right BSPT	1 - 1.1/4	26/34 - 33/42	1240 - 1245	0,530	124503
Right BSPT	1.1/2 - 2	40/49 - 50/60	1240 - 1245	0,470	124504
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
Left BSPT	1 - 1.1/4	26/34 - 33/42	1265	0,980	126513
Left BSPT	1.1/2 - 2	40/49 - 50/60	1265	0,910	126514
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

Virax has been certified ISO 9001 since 1997



And in 2016 our Quality Management System was acknowledged through certification in its new 2015 version.

4 CONNECTION / ASSEMBLY

MANUAL THREADER WITH INTERCHANGEABLE HEADS

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

Advantages

Reversible ratchet for increased manœuvrability. Ergonomic grip.

Heads can also be used on Mini Phenix / Phenix III B 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

Capacity : Steel: Right BSPT: Ø 1/8" to 1.1/4" Left BSPT: Ø 1/8" to 1.1/4" NPT : Ø 1/8" to 1.1/4" Stainless steel: Right BSPT: Ø 3/8" to 1.1/4". Tubular steel handles.

recommended.



Description	Case	Kg	Ref.
Single ratchet housing + handle - BSPT right and left : 3/8 - 1/2 - 3/4 - 1 - 1.1/4	Metal - Double (670 x 140 x 150 mm)	12,200	136267
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



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Phone: +33 3.26.59.56.57 Fax: +33 3 26.59.56.70 Email: export@virax.com **Exploded views and manuals**: www.virax.com, Documentation section.

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

Advantages

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

Capacity: Steel Right BSPT: Ø 1/8" to 2" Left BSPT: Ø 1/8" to 2" NPT : Ø 1/8" to 2". **Stainless steel** Right BSPT: Ø 3/8" to 1.1/4". Tubular steel handles.

Heads can also be used on Mini Phenix / Phenix III 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 - right and left BSPT : 3/8 -1/2 - 3/4 - 1 - 1.1/4 - 1.1/2 - 2	670 x 230 x 150 mm	27,600	136284
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	Capacity "	Kg	Ref.
1 ratchet 1 housing	1/8 - 1.1/4	1,130	136294
1 handle + 1 ratchet 1 housing	1/8 - 1.1/4	1,990	136290
2-part handle + 1 ratchet 1 housing	1/8 - 1.1/4	2,050	136295
1 handle + 2 ratchets 1 housing	1/8 - 1.1/4	2,100	136292
3-part handle + 1 ratchet 1 housing	1.1/2 - 2	2,565	136495
1 ratchet 1 housing	1.1/2 - 2	1,130	136494
2-part handle + 1 ratchet 1 housing	1.1/2 - 2	2,480	136490
2-part handle + 2 ratchets 1 housing	1/8 - 1.1/4	2,260	136095



<mark>4</mark> 📒 CONNECTION / ASSEMBLY

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 1/8" 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

Capacities

Steel:

Right-hand BSPT Ø 1/8" to 1.1/4" Left-hand BSPT Ø 1/8" to 1.1/4"

Delivered with

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

Tips

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



Virax, French manufacturing

Located in Epernay, the Capital of the Champagne region, the Virax company was formed about a century ago with the famous "Virax threader" that « Turns around the Axis ». The production centre now extends over more than 25 000 sqm.

1375 : Phenix III Portable Electric Threader

Advantages

For effortless threading up to 2" in all situations. Holding vice with anti-torque bar to steady the machine during threading operations.

Ideal for working in confined spaces (close to walls, etc.).

Bidirectional rotation.

Mechanical reverse control ensuring longer motor life.

Adaptor for octagonal heads 1/8 " to 1 1/4 " with unique locking system for securely holding the head during difficult operations.

Rotation speed: 26 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.
Phenix III + 4 Right heads BSPT: 1/2" - 3/4" - 1" - 1.1/4"	230	1100W - 50/60 Hz	18,800	137562
Phenix III + 6 Right heads BSPT: 1/2" - 3/4" - 1" - 1.1/4" - 1.1/2" - 2"	230	1100W - 50/60 Hz	22,800	137563

Capacities

Steel: Right BSPT Ø 1/8 to 2" Left BSPT Ø 1/8 to 2" NPT: Ø 1/8 to 2" **Stainless steel:** Right BSPT : Ø 1/8 to 2".

Delivered with

- 1 holding vice (ref. 137552)
- 1 adaptor for octagonal heads 1/8" to 1 1/4" (ref. 137553).

Tips

Virax cutting oil (ref. 110200) should be used for smooth die operation, ensuring a good cut and a perfect thread.



Virax committed to WEEE management

As a producer, Virax has implemented a process for collecting Waste from Electrical and Electronic Equipment (WEEE) in compliance with the European Directive 2012/19/UE. In compliance with its environmental commitment, Virax organizes the management and recycling of WEEE at end of life.



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.
Threader only - 230 V	Phenix III	7,500	137550
Holding vice	Phenix III	3,000	137552
Reducer for octagonal heads 1/8" to 1.1/4"	Phenix III	1,400	137553
Vice jaw inserts for stainless steel pipes (for mounting on blocking vice)	Phenix III	0,200	137507
Threader only - 230 V	Mini Phenix	5,800	138020
Holding vice	Mini Phenix	1,500	138022



COMPLETE HEADS & DIES

1362 - 1364 - 1370 : Drop Head Threaders

Advantages

Lubrification 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 and Phenix III, 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).





Туре	Type of thread	Ø"	Ø mm	Kg	Ref.
Steel	Right hand BSPT	1/8	6/10	0,445	136231
Steel	Right hand BSPT	1/4	8/13	0,460	136232
Steel	Right hand BSPT	3/8	12/17	0,445	136341
Steel	Right hand BSPT	1/2	15/21	0,520	136342
Steel	Right hand BSPT	3/4	20/27	0,570	136343
Steel	Right hand BSPT	1	26/34	0,720	136236
Steel	Right hand BSPT	1.1/4	33/42	0,720	136345
Steel	Right hand BSPT	1.1/2*	40/49	2,000	136438
Steel	Right hand BSPT	2*	50/60	2,150	136439
Steel	Left hand BSPT	1/8	6/10	0,460	136241

VIrax 90

Туре	Type of thread	Ø "	Ømm	Kg	Ref.
Steel	Left hand BSPT	1/4	8/13	0,460	136242
Steel	Left hand BSPT	3/8	12/17	0,440	136243
Steel	Left hand BSPT	1/2	15/21	0,510	136244
Steel	Left hand BSPT	3/4	20/27	0,575	136245
Steel	Left hand BSPT	1	26/34	0,720	136246
Steel	Left hand BSPT	1.1/4	33/42	0,725	136247
Steel	Left hand BSPT	1.1/2*	40/49	1,980	136448
Steel	Left hand BSPT	2*	50/60	2,150	136449
Steel	NPT	1/8	6/10	0,460	136251
Steel	NPT	1/4	8/13	0,450	136252
Steel	NPT	3/8	12/17	0,430	136253
Steel	NPT	1/2	15/21	0,520	136254
Steel	NPT	3/4	20/27	0,570	136255
Steel	NPT	1	26/34	0,720	136256
Steel	NPT	1.1/4	33/42	0,730	136257
Steel	NPT	1.1/2*	40/49	2,000	136458
Steel	NPT	2*	50/60	2,160	136459
Stainless steel	Right hand BSPT	3/8	12/17	0,460	137043
Stainless steel	Right hand BSPT	1/2	15/21	0,532	137044
Stainless steel	Right hand BSPT	3/4	20/27	0,596	137045
Stainless steel	Right hand BSPT	1	26/34	0,720	137046
Stainless steel	Right hand BSPT	1.1/4	33/42	0,730	137047

1362 - 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.



Туре	Type of thread	Ø "	Ømm	Kg	Ref.
Steel	Right hand BSPT	1/8	6/10	0,060	136201
Steel	Right hand BSPT	1/4	8/13	0,055	136202
Steel	Right hand BSPT	3/8	12/17	0,055	136203
Steel	Right hand BSPT	1/2	15/21	0,060	136204
Steel	Right hand BSPT	3/4	20/27	0,070	136205
Steel	Right hand BSPT	1	26/34	0,115	136206
Steel	Right hand BSPT	1.1/4	33/42	0,115	136207
Steel	Right hand BSPT	1.1/2 - 2	40/49 - 50/60	0,150	136408
Steel	Left hand BSPT	1/8	6/10	0,060	136211
Steel	Left hand BSPT	1/4	8/13	0,055	136212
Steel	Left hand BSPT	3/8	12/17	0,055	136213
Steel	Left hand BSPT	1/2	15/21	0,055	136214

CONNECTION / ASSEMBLY

Туре	Type of thread	Ø"	Ømm	Kg	Ref.
Steel	Left hand BSPT	3/4	20/27	0,070	136215
Steel	Left hand BSPT	1	26/34	0,115	136216
Steel	Left hand BSPT	1.1/4	33/42	0,115	136217
Steel	Left hand BSPT	1.1/2 - 2	40/49 - 50/60	0,150	136418
Steel	NPT	1/8	6/10	0,060	136221
Steel	NPT	1/4	8/13	0,060	136222
Steel	NPT	3/8	12/17	0,055	136223
Steel	NPT	1/2	15/21	0,060	136224
Steel	NPT	3/4	20/27	0,070	136225
Steel	NPT	1	26/34	0,115	136226
Steel	NPT	1.1/4	33/42	0,120	136227
Steel	NPT	1.1/2 - 2	40/49 - 50/60	0,150	136428
Stainless steel	Right hand BSPT	3/8	12/17	0,055	137003
Stainless steel	Right hand BSPT	1/2	15/21	0,065	137004
Stainless steel	Right hand BSPT	3/4	20/27	0,072	137005
Stainless steel	Right hand BSPT	1	26/34	0,120	137006
Stainless steel	Right hand BSPT	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,
- 5 L container of oil (Ref. 110605),
- 4 support legs,
- 1 safety pedal.

Tips

Use specially-designed dies and cutting wheels when working with zinc-coated and stainless steel.

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,
- 2 x 5 L synthetic threading oil (ref. 110605),
- 4 support legs,
- 1 safety pedal.

Tips

Use specially-designed dies and cutting wheels when working with zinc-coated and stainless steel.

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
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

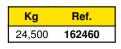
For machine 162120.

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.





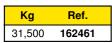
Wirax Make the most of your talent



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.



1624 : Grooving machine

It fits most machines currently on the market. 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". Adaptor optional.

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

1624 : Adaptor for the VIRAX Grooving Machine

These adaptors allow the Virax grooving machine to be mounted on most threading machines currently available.

For machine	Kg	Ref.
Virax 162120	1,150	162420
Virax 162140	1,500	162430
Virax 1620	1,500	162424
Ridgid 300	1,500	162421
Ridgid 300C	1,500	162422
Ridgid 535	1,500	162423
Rems Tornado and Magnum	1,500	162425
Rothenberger Supertronic 2SE	1,150	162420







Make the most of your talent

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 \emptyset 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 \emptyset 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.

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 $^\circ$ 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	Туре	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	Туре	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.



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.

CITEO

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



Virax a daily player in environmental protection

As a member of **Citeo**, an eco-organization funding the collection and sorting of paper, Virax is committed to preserving natural resources, by using recycled paper within the company and for all its advertising media, and participating in this funding via the eco-contribution.



Δ 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

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.



4 CONNECTION / ASSEMBLY

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



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 sets are supplied with a 230 V - 800 W reversible drill. 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.
230 V - 701 W reversible drill	0 to 850	3,690	252806
Tool holder	-	0,280	252802
Hexagonal drive	-	0,045	252804
Drill Bit	-	0,080	252801

2528 : Extrudax® Flanging Tools

าท	Ø"	Kg	Ref.
2	-	0,068	252822
	3/8	0,060	252860
	1/2	0,060	252861
	5/8	0,060	252862

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

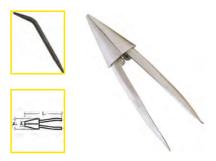
2610 : Tools for lead tube

261000 : Expanding Pliers

For expanding lead pipes. Pressed sheet steel. Striated surface.

261010 : Plumbers broach

For reshaping the ends of lead pipes. Phosphated steel, bent at 40 $^\circ.$



Description	A mm	A1 mm	Ømm	L mm	Kg	Ref.
Expanding Pliers	0 - 8	60	-	290	0,365	261000
Plumbers broach	-	-	16	270	0,375	261010



Virax in France, is also...

The Virax head office, located in Epernay, France, groups all activities: R&D department, Production Centre, Quality pole, Customer service, Purchasing department, After-Sales Service... up to the Storage and Distribution center.



\rm 📒 CONNECTION / ASSEMBLY

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 $(\ensuremath{\text{CLP}})$ for contact with drinking water.
- Complies with the GDF specifications.
- 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.

Easy to apply, thanks to its accurate and transparent spout. Resistant to vibration, corrosion and most solvents. Not to be used on pure oxygen or steam pipes, or on plastics.

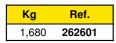
For more information, see our Technical data sheet available at www.virax.com, section Documentation > Technical Sheet.

* excluding installation meeting the TRGI 86/96 standard

Packaging	Kg	Ref.
1 bottle of Filetfix® III - 60 ml	0,100	262600

2626 : Display of Bottles of Filetfix® III

Display of 15 Bottles of Filetfix® III (262600).







Virax certified ISO 14001 and OHSAS 18001 since 2009

And in 2016 our Environmental Management System was acknowledged through certification in its new version ISO 14001: 2015.





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 cataphoresis 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.

Benefit of VIRAX Soft Touch®

The Soft Touch® coating offers the best possible grip. It reduces fatigue and minimizes the risk of the product slipping when handling it with wet hands.

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 \emptyset 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.

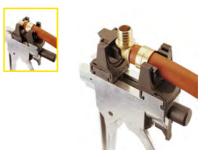
Delivered with

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



Go to www.virax.com

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

RADIAL CRIMPING

2529 : Viper® i26 Manual Hydraulic Press-Fitting Machine

Advantages

Multi-material press-fitting, up to \emptyset 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** by a high performance staged piston hydraulic device. **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.

Non-contractual photo

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 RF-P 16 / RF-P 20 / RF-P 25	390 x 190 x 120	42	4,250	252921
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.



Discover our YouTube channel

and its product demonstration videos! /VIRAX





CONNECTION / ASSEMBLY

2535 : Viper® M21+ Electro-mechanical Press Fitting Machine

Advantages

- The lightest in its category: only 2.2 kg battery included: weight minimized to improve user comfort.
- Secured cycle: electronic control of the crimping cycle with automatic adaptation of the load applied.

Modular: to work with inserts or mini crimping jaws.

Electromechanical crimper 20 kN on battery, with automatic piston return. **One Machine for 2 solutions:**

Use with mini crimping jaws: compact and light, for crimping in confined spaces and between manifolds.

Use with the mother jaws and inserts: compact, they are practical to store, transport and very light to use.

Inserts in offset version for certain profiles, allowing crimping as close as possible to an obstacle (e.g. along a wall).

Designed for user comfort:

Ergonomic use: Soft Touch® anti-slip grip, highly compact 360° pivoting head (only 33 cm long with mini crimping jaws).

Minimized weight (only 2.2 kg with battery / 3.4 kg with mini crimping jaws) and fast cycle to guarantee effective work.

Centre of gravity placed ideally, allowing to place it on its foot between two crimping operations, and improve user comfort.

Smart for increased safety:

Electronic card control of proper crimping performance with light and sound indicators. Calculation of the exact force to apply according to the coupling: extended lifetime. Secured crimping jaw locking, simple and fast changing. Crimping starts only when the battery is charged sufficiently. The user can stop crimping at any time by releasing pressure on the trigger. Automatic machine shutdown to save batteries.

Communicates:

Battery charge indicator.

Maintenance indicator at 20 000 cycles with early warning at 19 000 and 19 500. The machine connects to a PC to check the number of crimping operations performed and anticipate servicing.

Li-Ion 18V battery :

Battery available in 1.5 Ah version (ref. 253506), or 3 Ah version (ref. 253505) for twice the operating time. Battery platform common with the Viper® P25+ press fitting machine.

Wired adapter 230V - 18 V (ref. 253508) as an option or according to set reference for continuous mains operation.

M21+ supplied in standard with 2 1.5 Ah batteries. Size (with battery): $340 \times 240 \times 85$ mm.

View all systems compatible with VIRAX inserts and clamps at the end of the catalogue.







omposition	Size mm	Crimping force kN	Kg	Ref.	Composition	Size mm	Crimping force kN	Kg
Viper® M21+ 18 V - 1,5 Ah Ion - Without mother jaw	590 x 390 x 140	20	6,900	253500	Viper® M21+ 18 V - 1,5 Ah Li-Ion - Mother jaw - Inserts	590 x 390 x 140	20	8,700
Viper® M21+ 230V wire adapter – Vithout mother	590 x 390 x 140	20	6,300	253501	V12 / V14 / V16 / V18 / V22 Viper® M21+	140		
jaw Viper® M21+ 18 V - 1,5 Ah .i-Ion - Mother jaw	590 x 390 x 140	20	8,000	253502	18 V - 1,5 Ah Li-Ion - Mother jaw - Inserts U16 / U20 / U25	590 x 390 x 140	20	8,500
Viper® M21+ 18 V - 1,5 Ah Li-lon - Mother jaw - Inserts HA16 / HA20 / HA26	590 x 390 x 140	20	8,900	253510	Viper® M21+ 18 V - 1,5 Ah Li-lon - Mother jaw - Inserts V12 / V15 / V18 / V22 /	590 x 390 x 140	20	8,700
Viper® M21+ 18 V - 1,5 Ah Li-lon - Mother jaw - Inserts TH16 / TH20 / TH26	590 x 390 x 140	20	8,500	253511	V28 DViper® M21+ 18 V - 1,5 Ah Li-lon - Mother jaw - Inserts TH16 / TH20 / TH25 / TH32	590 x 390 x 140	20	8,700
Viper® M21+ 18 V - 1,5 Ah Li-lon - Mother jaw - Inserts RFP12 / RFP16 / RFP20	590 x 390 x 140	20	8,500	253512	Viper® M21+ 18 V - 1,5 Ah Li-lon - Mother jaw - Inserts RFP16 / RFP20 / RFP25	590 x 390 x 140	20	8,500
					Viper® M21+ 18 V - 1,5 Ah Li-Ion - Mother jaw - Inserts RFP16 /	590 x 390 x 140	□20	8,700

Capacities

Copper: Ø 12 – 28 mm.

Stainless steel: Ø 12 – 28 mm. PER, PEX: Ø 12 – 32 mm (inserts) / 40 mm (mini crimping jaws TH-U). Multilayer: Ø 12 – 32 mm (inserts) / 40 mm (mini crimping jaws TH-U). Electro-zinc steel (or carbon steel): Ø 12 – 28 mm.

Delivered with

- 2 Li-Ion 18 V 1.5 Ah batteries, 1 fast charger (except ref. 253501).
- 1 mother jaw (except ref. 253500 and 253501).
- In box.



Virax encourages WorldSkills France

As an official supplier of the national finals of Plumbing, Heating and Metallic Roofing professionals, our objective is to support apprenticeship and professional training of young adults before the age of 23. Apprentices are able to express all their talent and invest in their future while promoting their trade.

RFP20 / RFP25 / RFP32

💪 📒 CONNECTION / ASSEMBLY

2535 : Viper® ML21+ Electro-Mechanical Press Fitting Machine

Advantages

Slim format: for use in confined spaces. **Proven product**: all the technical benefits of the M21+ gun format. **Modular**: to work with inserts or mini crimping jaws.

Electro-mechanical 20 kN press fitting machine with automatic piston return.

Slim format for easier access in confined spaces: only 12 cm wide. Minimized weight (only 3.4 kg with mini crimping jaws). Centre of gravity located on the gripping zone for less user fatigue. Can be placed on its foot between two crimping operations, and improves user comfort. Control by easily accessible push button.

All the technical benefits of the Viper® M21+ press fitting machine (ref. 253502), visible on the previous page.

Dimensions (battery included): 314 x 119 x 79 mm.

View all systems compatible with VIRAX inserts and clamps at the end of the catalogue.





Description	Size mm	Crimping force kN	Kg	Ref.
Viper® ML21+ 18V – Mother jaw	390 x 390 x 140	20	6,575	253521
Viper® ML21+ 18V – Without mother jaw	390 x 390 x 140	20	5,472	253520
Viper® ML21+ 18V - Mother jaw - Inserts TH16-20-26	390 x 390 x 140	20	7,070	253522
Viper® ML21+ 18V - Mother jaw - Inserts RFP12-16-20	390 x 390 x 140	20	7,070	253523
Viper® ML21+ 18 V - Mother jaw - Inserts V12-14-16-18-22	390 x 390 x 140	20	7,270	253524
Viper® ML21+ 18 V - Mother jaw - Inserts U16-20-25	390 x 390 x 140	20	7,070	253525

Capacities

Copper: Ø 12 – 28 mm. Stainless steel: Ø 12 – 28 mm. PER, PEX: Ø 12 – 32 mm (inserts) / 40 mm (mini crimping jaws TH-U). Multilayer: Ø 12 – 32 mm (inserts) / 40 mm (mini crimping jaws TH-U). Electro-zinc steel (or carbon steel): Ø 12 – 28 mm.

Delivered with

- 2 Li-Ion 18 V
- 1.5 Ah batteries, 1 fast charger.
- 1 mother jaw (except ref. 253520).

- In box.



Virax has been certified ISO 9001 since 1997

And in 2016 our Quality Management System was acknowledged through certification in its new 2015 version.

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. Battery platform common with the VIPER® M21+ press fitting machine. Wired adapter 230V - 18 V (ref. 253508) as an option or according to set reference for continuous mains operation.

Size (with battery): 411 x 249 x 93 mm.

View all systems compatible with VIRAX inserts and clamps at the end of the catalogue.





Description	Size mm	Crimping force kN	Kg	Ref.
Viper® P25+ 18V – 2 Li-Ion batteries 3Ah	590 x 390 x 140	32-34	8,700	253261
Viper® P25+ Mains adaptor 230V	590 x 390 x 140	32-34	7,560	253262
Viper® P25+ 18V – 1 Li-Ion batterie 3Ah	590 x 390 x 140	32-34	8,050	253263

Capacities

Copper: Ø 12 - 54 mm. 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. 253261:

- 2 Li-Ion batteries 18 V - 3 Ah. - 1 fast 85 min. charger. - Without crimping jaws. - In a case.

Ref. 253262:

- 1 mains adapter 230 V 18 V. Without crimping laws. In a case.
- 1 Li-Ion batterie 18 V 3 Ah. 1 fast 85 min. charger. Without crimping jaws. In a case.

4 CONNECTION / ASSEMBLY

2536 : Viper® P30+ Electro-Mechanical Press Fitting Machine

Advantages

One the lightest machine in its category: 4,5kg without jaw. Crimping control by micro-processor:

Systematic crimping control with LED display (green or red). **Automatic return of the piston**.

USB/PC connection: Read numbers of cycles to anticipate maintenance (18 000 cycles).

180° pivoting head.

Maintenance indicator with preventive alert at 15 000 cycles before machine shutdown at 18 000 cycles.

Checks temperature and only works in optimum conditions (-10 $^\circ$ +50 $^\circ)$ in order to avoid wrong crimping.

230V – 50Hz power supply.

Ergonomic Soft Touch® handle for a perfect grip and comfort in use.

Optimum user safety: crimping control by electronic board. Systematic crimping control with LED display (green or red).

No-load cycle impossible to minimize risks of injury: a sensor detects the clamp when mounted on the Viper P30+.

The exact force required for crimping is calculated by the machine's internal program: moderate wear of mechanical components.

Size: 315 x 230 x 85 mm.

View all systems compatible with VIRAX inserts and clamps at the end of the catalogue.





Description	Size mm	Crimping force kN	Kg	Ref.
Viper® P30+ 230 V	460 x 450 x 140	32-35	7,800	253630

Capacities
Copper: Ø 12 - 54 mm.
Stainless steel: Ø 12 - 54 mm.
PER/PEX: Ø 12 - 32 mm.
Multilayer: Ø 12 - 110 mm.

Electro-zinc steel (or carbon steel): \emptyset 12 – 54 mm.

Delivered with - Without crimping laws. - In a case.



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.**



For	Description	Kg	Ref.
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
Viper® M20+ / P22+	Mains adaptor 230V - 14,4V	0,980	252938
Viper® M21+ / Viper® ML21+ / Viper® P25+	Mains adaptor 230V - 18V	0,900	253508
Viper® M21+ / Viper® ML21+	Mother jaw	1,150	753497



2529 - 2532 : Inserts for Models i10 / i26 / M20+ / M21+ / ML21+

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.



Profile	Ø	Туре	i10	i26	M20+	M21+/ML21+	Kg	Ref.
М	12	Off centred	-	-	ok	ok	0,220	252951
М	15	Off centred	-	-	ok	ok	0,205	252952
М	18	Off centred	-	-	ok	ok	0,185	252953
М	22	Standard	-	-	ok	ok	0,185	252954
М	15-18-22	-	-	-	ok	ok	0,850	990156
М	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
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
H-ML	14	Standard	ok	ok	ok	ok	0,190	252942
H-ML	16	Standard	ok	ok	ok	ok	0,180	252943
H-ML	18	Standard	ok	ok	ok	ok	0,170	252945
H-ML	20	Standard	ok	ok	ok	ok	0,160	252946
H-ML	26	Standard	-	ok	ok	ok	0,130	252948
H-ML	16-20-26	Standard	-	ok	ok	ok	0,770	990066
H-ML	32	Standard	-	ok	ok	ok	0,080	252949
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

4 CONNECTION / ASSEMBLY

Profile	Ø	Туре	i10	i26	M20+	M21+/ML21+	Kg	Ref.
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
ТН	14	Standard	ok	ok	ok	ok	0,290	252902
ТН	14	Off centred	-	-	ok	ok	0,290	253266
ТН	15	Standard	ok	ok	ok	ok	0,285	252903
TH	16	Standard	ok	ok	ok	ok	0,280	252904
ТН	16	Off centred	-	-	ok	ok	0,280	253268
TH	17	Standard	ok	ok	ok	ok	0,270	252905
ТН	18	Standard	ok	ok	ok	ok	0,260	252906
ТН	20	Standard	ok	ok	ok	ok	0,240	252907
ТН	20	Off centred	-	-	ok	ok	0,240	253271
TH	25	Standard	-	ok	ok	ok	0,200	252908
ТН	26	Standard	ok*	ok	ok	ok	0,190	252909
TH	16-20-26	Standard	ok*	ok	ok	ok	0,850	990019
ТН	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
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



Virax, French manufacturing

Located in Epernay, the Capital of the Champagne region, the Virax company was formed about a century ago with the famous "Virax threader" that « Turns around the Axis ». The production centre now extends over more than 25 000 sqm.

2525 : Mini crimping jaws for M21+/ML21+

Dedicated to the Viper® M21+/ML21+ 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.

HEN

Ø mm	Profile	Kg	Ref.
16	G	1,800	252529
20	G	1,800	252530
26	G	1,800	252531
32	G	1,800	252532
40	G	1,800	252556
12	М	1,800	252507
15	Μ	1,800	252508
18	М	1,800	252509
22	М	1,800	252510
12-15-18-22	М	8,800	252595
12	RF	1,800	252545
16	RF	1,800	252546
18	RF	1,800	252547
20	RF	1,800	252548
12-16-20	RF	5,500	252590
25	RF	1,800	252549
32	RF	1,800	252550
14	ТН	1,800	252512
16	ТН	1,800	252514
18	ТН	1,800	252516
20	TH	1,800	252517

Ømm	Profile	Kg	Ref.
25	TH	1,800	252518
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
18	U	1,800	252524
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

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.



4 CONNECTION / ASSEMBLY

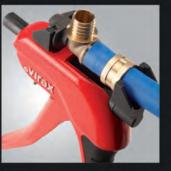
Ømm	Profile	Kg	Ref.	Ø mm	Profile	Kg	Ref.
16	G (Geberit Original)	1,900	253130	17	TH	1,900	2530
20	G (Geberit Original)	1,900	253131	18	ТН	2,040	2530
26	G (Geberit Original)	1,900	253132	20	TH	1,980	2530
32	G (Geberit Original)	1,900	253133	25	ТН	1,900	2530
40	G (Geberit Original)	1,900	253134	26	TH	1,900	2530
50	G (Geberit Original)	1,900	253135	16-20-26	TH	6,900	9900
12	Н	1,900	253090	32	ТН	1,900	2530
14	Н	1,900	253091	40	TH	1,900	2530
16	Н	1,900	253092	50	ТН	1,900	2530
20	Н	1,900	253095	63	ТН	4,856	2530
12-16-20	Н	7,000	990113	14	U	1,900	2531
25	Н	1,900	253096	16	U	1,900	2531
26	Н	1,900	253097	18	U	1,900	2531
32	Н	1,900	253098	20	U	1,900	2531
12	HA	1,900	253102	25	U	1,900	2531
16	HA	1,900	253104	16-20-25	U	6,300	9900
20	HA	1,900	253105	32	U	1,900	2531
26	HA	1,900	253106	40	U	1,900	2531
16-20-26	HA	7,400	990062	50	U	1,900	2531
32	HA	1,900	253107	63	U	5,030	2531
40	HA	1,900	253108	63	U*	2,300	2531
12	М	1,900	253051	75	U*	2,640	2531
14	М	1,900	253050	90	U*	3,310	2531
15	М	1,900	253052	110	U*	3,890	2531
16	М	1,900	253059	63-110	U**	2,430	2531
18	М	1,900	253053	12	V	1,900	2530
22	М	1,900	253054	14	V	1,900	2530
28	М	1,900	253055	15	V	1,900	2530
12-15-18-22-28	М	10,200	990056	16	V	1,900	2530
35	М	1,900	253056	18	V	1,900	2530
42	М	1,900	253057	22	V	1,900	2530
54	М	1,900	253058	12-14-16-18-22	V	10,500	9900
12	ТН	1,900	253001	28	V	1,900	2530
14	TH	1,900	253002	35	V	1,900	2530
15	TH	1,900	253003	42	V	1,900	2530
16	TH	1,900	253004	54	V	1,900	2530



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Crimp PEX tubes easily with the Virax **Compact Manual Axial Crimping Tool!**





For heating floors and pipe networks installation in PEX series 5 pipe, in all situations.



MAKE THE MOST OF YOUR TALENT AS PER DENIS

Company manager - Grand Est region

VIRAX helps plumbing companies to move forward.



5 SOLDERING / WATERPROOFING / ROOFING

PIEZO TORCH	120	÷9•	PRESSURE REGULATOR
STANDARD TO	асн 122		ELECTRIC SOLDERING MACHINE
GP TORCH	123		RUBBER HOSE
XB III	123		COUPLING
MAPP® TORCH	124	virax	GAS CYLINDER - ACCESSORIES
	ON 125	SVIFAX And And Second	FLUX
WATERPROOF	ER TORCH 127		

SOLDERING / WATERPROOFING / ROOFING

PIEZO TORCH

5200 : Piezo Propane Torch

Advantages

Piezo-electric ignition. Ergonomic, comfortable handle. Gas flow control knob.

Threaded nipple for attaching straight and swivel couplings. M 16 x 1.5 left thread for France, 3/8" left for other countries. Range of eight interchangeable burners. Nickel-plated steel burner provides excellent wind resistance. Brass burner body, nickel finish.



Composition	Connection "	Kg	Ref.
Swivel coupling, Piezo standard handle	M 16 x 1,5	0,300	520000
Swivel coupling, Piezo standard handle, Turbojet Burner Ø 18 mm	M 16 x 1,5	0,670	520050
1,5 to 4 bar adjustable pressure regulator, 4m swivel hose, Piezo standard handle, Turbojet Burner Ø 18 mm	M 16 x 1,5	1,430	520061
Swivel coupling, Piezo standard handle	Left 3/8"	0,300	520001
Swivel coupling, Piezo standard handle, Turbojet Burner Ø 18 mm	Left 3/8 "	0,670	520051
Swivel coupling, Piezo standard handle, Turbojet Burner Ø 18 mm (Butane)	M 16 x 1,5	0,500	520042



5205 : HM Piezo Propane Torch

Piezo-electric ignition, torch shuts off automatically when the handle is released. Handle directly controls the gas supply and ignition of the flame and is designed to avoid any risk of accidental ignition. Nickel-plated steel burner. Range of eight interchangeable burners. Ergonomic, comfortable HM handle. Brass burner body, nickel finish. Gas flow control knob.

Composition	Connection "	Kg	Ref.
Swivel coupling, Piezo HM Handle	M 16 x 1,5	0,480	520500
Swivel coupling, Piezo HM Handle, Turbojet Burner Ø 18 mm	M 16 x 1,5	0,590	520501
Adjustable pressure regulator 1,5 à 4 bar, swivel hose 4 m, Piezo HM Handle, Turbojet Burner Ø 18 mm	M 16 x 1,5	1,400	520504
Swivel coupling, Piezo HM Handle	Left 3/8 "	0,470	520510
Swivel coupling, Piezo HM Handle, Turbojet Burner Ø 18 mm	3/8" Left	0,720	520511



5200 : Piezo Needlepoint Burner for Piezo Torches 5200/5205

Pointed flame.

TIP: Propane gas is to be preferred to butane because at 0 °C:

- Butane produces no pressure,
- Propane provides a pressure of 4 bar.



5

Nozzle Ø int. Mm	Flow rate kg/h 3 bar	Type of gas	Pipe Ø mm tin solder	Pipe Ø mm P or Ag solder	Energy supplied kJ/h at 4 bar	Kg	Ref.
11	0,120	Butane or Propane	22	-	5500	0,300	520011
14	0,180	Butane or Propane	32	16	8200	0,305	520012
18	0,410	Butane or Propane	35	22	18800	0,240	520013
22	0,560	Propane	42	32	25700	0,300	520014

5200 : Piezo Turbojet® Burner for Piezo Torches 5200 / 5205

Wrap-around flame.

TIP: Propane gas is to be preferred to butane because at 0 °C:

- Butane produces no pressure,
- Propane provides a pressure of 4 bar.



Nozzle Ø int. Mm	Flow rate kg/h 4 bar	Type of gas	Pipe Ø mm tin solder	Pipe Ø mm P or Ag solder	Energy supplied kJ/h at 4 bar	Kg	Ref.
13	0,210	Propane	32	16	9600	0,290	520020
18	0,460	Propane	35	22	21100	0,240	520021
22	0,710	Propane	>42	42	32300	0,315	520022

5200 : Piezo Gyroflam® Burner for Piezo Torches 5200/5205

Produces a flame that fully wraps around a pipe.

Ideal for quick brazing.

TIP: Propane gas is to be preferred to butane because at 0 °C:

- Butane produces no pressure.

- Propane provides a pressure of 4 bar without any difficulty.



Description	Type of gas	For Ø max. mm	Kg	Ref.
Gyroflam brazer for Piezo torch	Propane	22	0,270	520025



Safety, one of the top concerns of Virax

Safety throughout the site is at the heart of Virax's concerns:

Emergency situations, incidents and accidents are avoided through a prevention process. The target is zero accident.

Mitigate, and whenever possible eliminate, nuisances and risks in terms of occupational health and safety for all staff and interveners. Focus on safety equipment.



5 📕 SOLDERING / WATERPROOFING / ROOFING

STANDARD TORCH

5210 : Standard Propane Torch X 200

Operates at full capacity when the trigger is pressed, reducing to a simple (adjustable) pilot flame when released. Threaded nipple for connecting straight or swivel couplings. Range of seven interchangeable burners. Smooth, easy to operate on/off trigger. General control valve. Air ring for soft flame.

Composition	Connection "	Kg	Ref.
Swivel coupling, X 200 Handle	M 16 x 1,5	0,490	521000
Swivel coupling, X 200 Handle, Turbo 007 Burner	M 16 x 1,5	0,830	521050
1,5 to 4 bar adjustable pressure regulator, 4 m swivel hose, X200 handle, Turbo burner 007	M 16 x 1,5	1,460	521060
Swivel coupling, X 200 Handle	Left 3/8 "	0,500	521001



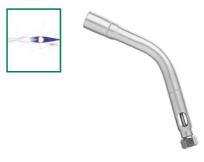
5210 : Needlepoint Burner for Standard Torch with handle X 200

Pointed flame.

TIP: Propane gas is to be preferred to butane because at $0 \circ C$:

- Butane produces no pressure,

- Propane provides a pressure of 4 bar without any difficulty.



Description	Nozzle Ø int. Mm	Flow rate kg/h 3 bar	Type of gas	Pipe Ø mm tin solder	Pipe Ø mm P or Ag solder	Energy supplied kJ/h at 4 bar	Kg	Ref.
Dard 81	9	0,060	Butane or Propane	16	-	2700	0,115	521010
Dard 82	17	0,290	Butane or Propane	22	16	13300	0,150	521011
Dard 87	18	0,420	Propane	35	22	19300	0,186	521012

5210 : Turbojet® Burner for Standard Torch with Handle X 200

Wrap-around flame.

TIP: Propane gas is to be preferred to butane because at 0 °C:

- Butane produces no pressure,

- Propane provides a pressure of 4 bar without any difficulty.



Description	Nozzle Ø int. Mm	Flow rate kg/h 3 bar	Type of gas	Pipe Ø mm tin solder	Pipe Ø mm P or Ag solder	Energy supplied kJ/h at 4 bar	Kg	Ref.
Turbo burner 007	18	0,480	Propane	42	32	22000	0,195	521020
Turbo burner 008	22	0,740	Propane	> 42	42	34000	0,275	521021

5210 : Gyroflam® Brazer for Standard Torch with Handle X 200

Produces a flame that fully wraps around the pipe. Ideal for quick brazing.

WARNING: Never attach this accessoy to a Piezo handle, or you may destroy the flint.

TIP: Propane gas is to be differnet to butane because at 0 °C:

- Butane produces no pressure.

- Propane provides a pressure of 4 bar without any difficulty.



Description	Burner	Type of gas	Pipe Ø max. mm	Kg	Ref.
990	87 or 007	Propane	25	0,090	521030
997	008	Propane	54	0,150	521031

GP TORCH

5212 : GP Standard Torch

Soft soldering up to Ø 42 mm. Hard soldering (40% silver) up to Ø 28 mm.

Needlepoint burner Ø 18 mm. Ergonomic handle.

Description	Kg	Ref.
GP air-propane torch	0,400	521200



XB III

5215 : Autonomous Propane/Butane Torch XB III

Advantages

Can be used at very low temperatures (approx. -15°C). Gas supply: 90 min. Works in any position.

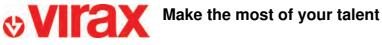
Immediately usable in any position, for soft and hard soldering (Ø 14 mm), bending and shrinking plastic, annealing pipes, loosening rusted nuts and unfreezing pipes.

Capacity:

Soft soldering : Ø 54 mm. Hard soldering (40% -Ag) : Ø 14 mm.



Description	Type of ignition	Capacity gas	Autonomy	Kg	Ref.
Torch + cardridge	Piezo	210g - 380ml	1h30	0,610	521560
Torch only	Piezo	-	-	0,190	521562
Cardridge	-	210g - 380ml	1h30	0,360	521516



5

SOLDERING / WATERPROOFING / ROOFING

5215 : Autonomous Torch XB III Display

Display containing 8 Piezo ignition XB III torches.



Description	Type of ignition	Capacity gas	Autonomy	Kg	Ref.
8 x Torch + cardridge	Piézo	210g - 380ml	1h30	5,700	521565

MAPP® TORCH

5217 : MAPP® Gas Torch

Advantages

Easy and fast use in all positions. Long operating time up to 2.50 hrs. Very broad range of operating temperatures: -20°C to 49°C.

Torch running on MAPP® gas for **higher performance**, reaching temperatures up to 2400°C, allowing to work in ambient temperatures from -20°C to 49°C. Easy to use with its **ergonomic handle**, light weight, Piezo lighting and can be used in all positions.

Safe work with its on/off trigger protected in case of shock, its accurate flow adjustment and safety valve for safe cartridge changing.

Interchangeable tip, with anti-tripping for launching loose. Connection 1 "(US) $\,$

Gas torch available alone or in a kit with gas cartridge. Also offered in case with 2 gas cartridges (ref. 521740) and 2 additional tips (ref. 521741).





Description	Capacity gas	Autonomy	Soft brazing	Hard brazing	Supplied with	Kg	Ref.
MAPP® Pro kit	399,7g - 788ml	2.5 hrs	Ø 54mm max	Ø 18mm max	MAPP® extra-wide Turbojet® burner	1,180	521735
MAPP® Pro gas torch alone	-	-	Ø 54mm max	Ø 18mm max	MAPP® extra-wide Turbojet® burner	0,330	521720
MAPP® gas cartridge	399,7g - 788ml	2.5 hrs	-	-	-	0,850	521700
Brazing MAPP® Pro case	2 x 399,7g - 788ml	2 x 2h30	Ø 54mm maxi	Ø 18mm maxi	MAPP® extra-wide Turbojet® burner	3,475	521740
Multifunction MAPP® Pro case	2 x 399,7g - 788ml	2 x 2h30	Ø 54mm maxi	Ø 18mm maxi	MAPP® extra-wide Turbojet® burner, MAPP® extra-thin needle-point burner, MAPP® hot air burner	3,765	521741

5217 : Tip for MAPP® Pro Torch

Broad range of interchangeable tips for the MAPP® Pro torch.

Extra-thin needle-point burner: Soft welding, precise and stable flame. Extra wide Turbojet® burner: Strong welding, cyclone effect for even and fast heating. Hot air burner head: Stripping and shrinking work, powerful hot air flow and resists to wind. Soft flame burner head: Shrinking and heating work (soft welding Ø 22 mm), soft and powerful wind-proof flame.





Description	Soft brazing	Hard brazing	Kg	Ref.
MAPP® extra-thin needle-point burner	Ø 10 mm max	-	0,090	521721
MAPP® extra-wide Turbojet® burner	Ø 50 mm max	Ø 18 mm max	0,105	521724
MAPP® hot air burner	-	-	0,210	521725
MAPP® soft flame burner	Ø 22 mm max	-	0,120	521726

SOLDERING IRON

5240 : Soldering Iron - X 100 Handle

Gradual flame control. Threaded nipple for connecting straight or swivel couplings. Malleable cast iron combustion chamber. Optimum conservation of heat. Ergonomic handle. 3 types of electrolytic copper swivel tips providing 360° adjustment. Stainless steel burner. Nipple for Ø int. 6 mm hose.

Composition	Connection "	Kg	Ref.
Swivel coupling, X 100 handle	M 16 x 1,5	0,340	524000
Swivel coupling, X 100 handle, Burner and tip 300	M 16 x 1,5	1,040	524054
Fixed 2 bar pressure regulator, 4 m swivel hose, X 100 handle, Burner and Tip 300	M 16 x 1,5	1,950	524070

5240 : Burner and Tip for X 100 Handle Soldering Iron

* fits the Piezo soldering iron, the new model X 300 handle soldering iron (5241) and the new model X 100 handle soldering iron (5240).

Description	Kg	Ref.
New model burner without tip	0,440	524010
Tip 250 (new model sold in pairs with screws)*	0,530	523020
Tip 300 (new model sold in pairs with screws)*	0,645	523021
Tip 400 (new model sold in pairs with screws)*	0,805	523022





Virax supports future professionals

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.





5230 : Display Box of Tips 300

Display box containing 15 tips 300 (523021).

Kg	Ref.
5,610	523029



5218 : Autonomous Soldering Iron

Advantages

Handy with its integrated gas cartridge.

Operating time: up to 90 minutes with a single cartridge. **Simple to use**: piezo lighting and usable in all positions.

Very light, less than 500 g.

Soldering iron to be used everywhere, in all work positions and weather conditions. Autonomous and easy to use with its interchangeable gas cartridge.

Ergonomic **Titanium** / **Aluminium** handle limiting risks of burns while being very sturdy. Accurate, with flame adjustable with a knob, the tip reaching a temperature of 560 °C promptly.

Supplied in a case with 2 gas cartridges.





Description	Type of ignition	Capacity gas	Autonomy	Kg	Ref.
Autonomous soldering iron kit	Piezo	2 x 60g - 110ml	2 x 1.5 hrs	2,500	521850
Copper tip	-	-	-	0,250	521855
Cartridge	-	60g - 110ml	1.5 hrs	0,115	521860



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.

WATERPROOFER TORCH

5250 : Waterproofer's Torch - X 400 Handle

General shut-off valve. Constant pilot light adjustment.

Heat and bitumen-resistant handle. Threaded nipple for connecting straight or swivel couplings. Rounded handle for a good, easy grip even without gloves. Set of two interchangeable burners fitting onto single connecting tubes. All burners fitted with an adjustable stand. Long trigger for easy operation with or without gloves.

Tip: Use only with propane gas.

Operating pressure: 4 bar.

Composition	Connection "	Kg	Ref.
Swivel coupling, X 400 handle	M 16 x 1,5	0,540	525000
X 400 handle, Connecting tube 240 mm, Jet 3 burner Ø 42 mm	M 16 x 1,5	1,080	525070
X 400 handle, Connecting tube 240 mm, Jet 4 burner Ø 52 mm	M 16 x 1,5	1,080	525072
4 bar fixed pressure regulator, Waterproofer 10m straight hose, X 400 handle	M 16 x 1,5	2,130	525090

5250 : Burner for X 400 Handle Waterproofing Torches

Circular burner.



Description	Nozzle Ø int. Mm	Flame Ø mm	Flame L mm	Flow rate kg/h 4 bar	Energy supplied kJ/h at 4 bar	Kg	Ref.
Jet 3	42	60	600	4,1	179500	0,270	525013
Jet 4	52	90	800	7,9	347000	0,370	525014

5250 : Connecting Tubes for Jet Burners 3-4 for X 400 Handle Waterproofing torches

Description	L mm	Kg	Ref.
Single 31	240	0,140	525021
Single 33	350	0,190	525022
Single 34	660	0,280	525023





Virax, a French story

Nearly a century ago, in 1920, two Frenchmen established Virax by launching its famous "Virax threader", the threader that "Turns around the Axis". Nowadays, it is still from Epernay, at the heart of the Marne and Champagne country, that Virax manufactures and distributes its professional product ranges in more than 40 countries.

5 SOLDERING / WATERPROOFING / ROOFING

PRESSURE REGULATOR

5260 : Propane Pressure Regulator

Stepless pressure adjustment from 1.5 to 4 bar. French version provided with couplings to NF EN 560. 4 different international versions, one of them is in accordance with DIN 4811/1. Supplied with a swivel coupling.



Description	Туре	Type of gas	Cylinder coupling	Male hose coupling	Flow rate kg/h	Kg	Ref.
Adjustable 1,5 to 4 bar	NF (France)	Propane	Left Female 21,7 x 1,814	Left M 16 x 1,5	-	0,410	526000
Adjustable 1,5 to 4 bar	А	Propane	Left Female 21,7 x 1,814	Left 3/8"	-	0,410	526001
Fixed 2 bar	For soldering iron	Propane	Left Female 21,7 x 1,814	Left M 16 x 1,5	8	0,350	526010
Fixed 4 bar	For waterproofer's torch	Propane	Left Female 21,7 x 1,814	Left M 16 x 1,5	15	0,350	526020

ELECTRIC SOLDERING MACHINE

5270 : Cobraz® Electric Soldering Machine

Advantages

Electrically operated (230 V): for safe soldering (no flame), without damaging or annealing the copper pipe. Safe and Easy to use: No flame. No gas. Immediately operational.

Easy to carry: comes complete with carrying case with space for storing pliers and cables. Supplied with:

- 2 cylindrical electrodes,
- 1 bottle of Virax Smartflux 250g,
- 1 coil of Ø 2 mm soft braze 250 g,
- 1 wire brush.





Туре	Capacity	Cable m	Secondary voltage V	Current intensity	Power W	Kg	Ref.
Cobraz 28	Soft soldering: Ø 6 - 28 mm	3,00	5,2	10	840	9,930	527022

5270 : Cobraz® Accessories

Description	Туре	Kg	Ref.
Pair of electrodes with holder	Prismatic	0,090	527030
Pair of electrodes with holder	Rod / cylindrical	0,120	527032
Pairs of electrodes without holder	Rod / cylindrical	0,020	527038
5 x Pairs of electrodes without holder	Rod / cylindrical	0,260	527033
Soft soldering Ø 2 mm - 250 g	-	0,250	528346
Smarflux: Brazing paste for preparing the braze of copper pipes	-	0,280	528420



5

RUBBER HOSE

5280 : Propane/Butane Rubber Hose

In accordance with NF EN 559. Ø 6 X 12 mm.



Packaging	Lm	Connection "	Connection "	Kg	Ref.
PVC box	4,00	Left M 16 x 1,5	Swivel coupling, Straight coupling	0,580	528013
Plastic bag	10,00	Left M 16 x 1,5	2 straight couplings	1,400	528037
Plastic bag	4,00	Left 3/8"	Swivel coupling, Straight coupling	0,570	528012
Dispenser box	40,00	-	Supplied without couplings with 20 hose clamps	6,230	528040
Bulk	20,00	-	Supplied without couplings	2,600	528030

COUPLING

5282 : Swivel Coupling

Swivel nipple coupling. Avoids the hose wrapping around the handle. For fitting bear directly onto the nipple. In accordance with NF EN 560.

Thread size	Kg	Ref.
M 16 x 1,5 Left	0,055	528210
3/8" Left	0,060	528211





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129 **VIRAX**

SOLDERING / WATERPROOFING / ROOFING

GAS CYLINDER - ACCESSORIES

5282 : Gas Cylinder - 1,6 kg

Supplied empty. In accordance with EN 1442. 528265: Purge. Stop valve.

Description	Kg	Ref.
Gas cylinder - 1,6 kg	4,050	528260
Tapered stem valve	0,320	528265
Straight filling connector - NF connexion	0,145	528270

5282 : Flint Ignitor

Description	Kg	Ref.
1 x	0,070	528280
20 x	1,415	528282
Box of 6 packs of 6 spare flints	0,065	528285

ot de 2 ARE FLAI

5282 : Flame Shield

50% more efficient.1 side glass fibre (guaranteed asbestos-free), 1 side aluminium. Very good heat resistance : protects ceilings, floors, walls and their finishes during welding. Reduces the risk of fire. For use with commercially available propane and butane torches. Ideal for maximum protection when working in corners. Cuts and folds easily to any shape.

Set of 2	Size mm	E mm	Kg	Ref.
1 x	280 x 200	15	0,290	528290
20 x	280 x 200	15	7,200	528294

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







5284 : Universal Brazing Flux

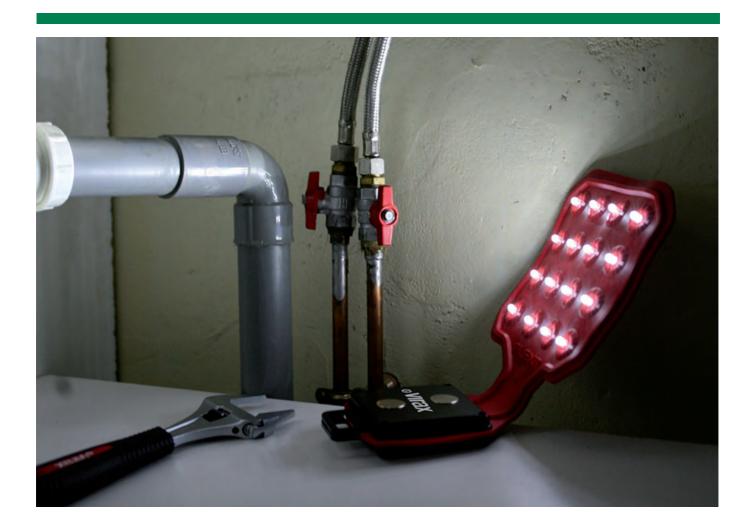
Ripoflux: Flux paste for silver and phosphorus-copper brazing. Ensures good wetting of copper and its alloys, when melted, for producing high-quality brazed joints.

Smartflux: For preparing the solder of copper domestic hot and cold water pipes: changes colour when soldering temperature is reached, non flowing, easy brush application. Particularly recommended for use with the Cobraz 28 and Cobraz 54 electric soldering machines.

Description	Capacity	Kg	Ref.
Ripoflux	125 ml	0,240	528400
Smartflux	250 g	0,280	528420



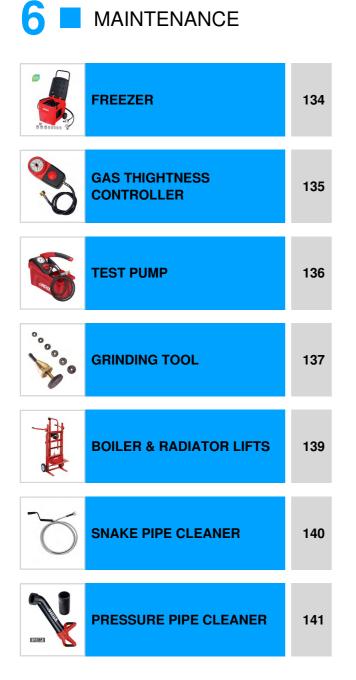




MAKE THE MOST OF YOUR TALENT AS PER LUIS

Installer - Spain

"I have purchased almost every single VIRAX product, as these are simply the best. " MAINTENANCE



ELECTRIC CABLE PIPE CLEANER	145
HIGH PRESSURE PIPE CLEANER	149
PIPE INSPECTION	152
CLEANING PUMP	157
HYGIENE	160



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 ${\ensuremath{{\rm B}}}$ allows radiators and values 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.
ç	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. 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	3/8	-	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



Virax, French manufacturer

In its Production Centre extending over more than 25,000 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.



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.

3 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).





Description	Presssure bar	Coupling "	Tank capacity L	Kg	Ref.
Manual test pump	50	1/2 - 3/8	5	4,200	262035
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



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

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).



6



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.





6

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
no. 1, 2, 3 or 5	18	0,010	262118
no. 1, 2, 3 or 5	20	0,015	262120

Cutter-holder	Ømm	Kg	Ref.
no. 1, 2, 3 or 5	22	0,020	262122
no. 1, 2, 3 or 5	23	0,020	262123
no. 1, 2, 3 or 5	26	0,025	262126
no. 1, 2, 3 or 5	30	0,040	262130
no. 1, 2, 3 or 5	17	0,010	262117
no. 1, 2, 3 or 5	24	0,025	262124
no. 1, 2, 3 or 5	32	0,040	262132

2645 : Recti 9® Tap Reamer Tool Set

Tap seat refacing tool. Cutter produces a high quality ground finish. M8 thread. Brass components. Micrometric feed control. Permanent, precise grinding control.

Characteristic	Kg	Ref.
Flat cutters: Ø 15 - 16 - 24 mm - Tapered cutter: Ø 15 mm - 3 Adaptors (264501, 264502, 264503)	2,100	264550
Flat cutters: Ø 15 - 16 - 18 - 19 - 21 - 24 mm - Tapered cutter: Ø 15 mm - 9 Adaptors (264501 to 264509) - 3 Extensions (264540, 264542, 264544)	3,600	264560
without accessories	0,450	264500

2645 : Accessories for Recti 9® Tap Reamer Tool

Ref. 264510, Ref. 264511, Ref. 264513, Ref. 264514 for fitting onto Porcher single hole tap.

Description	Ømm	L mm	Kg	Ref.
Adaptor	3/8" - 17/150	-	0,210	264501
Adaptor	1/2" - 18/150	-	0,215	264502
Adaptor	3/4" - 20/150	-	0,225	264503
Adaptor	19/150 - 21/150	-	0,220	264504
Adaptor	23/150 - 26/150	-	0,225	264505
Adaptor	18/125 - 19/125	-	0,215	264506
Adaptor	20/125 - 21/125	-	0,220	264507
Adaptor	23/125 - 25/100	-	0,230	264508
Adaptor	20/100 - 22/100	-	0,220	264509
Adaptor	□18/125	-	0,170	264510
□Adaptor	□18/150	-	0,165	264511
Extension	-	10	0,015	264540

Description	Ømm	L mm	Kg	Ref.
Extension	-	20	0,020	264542
Extension	-	40	0,035	264544
Cutter	13	-	0,010	264513
Cutter	14	-	0,010	264514
Cutter	15	-	0,010	264515
Cutter	16	-	0,007	264516
Cutter	18	-	0,008	264518
Cutter	19	-	0,010	264519
Cutter	21	-	0,012	264521
Cutter	24	-	0,015	264524
Tapered cutter	15	-	0,011	264535





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





2636 : Cylinder / Water Heater Lift

Advantages

Safe and effortless thanks to the self-braking winch. **Strong**: load up to 150 kg.

Space saving thanks to the folding arms.

Strong belt to hold the water heater.

Folding arm and winch to save space during storage.

New self-braking winch for more safety and less effort during handling operations.

Integrated extension for installation in high location (does not require any tools for mounting). Accurate: 4 balls under the forks for accurate positioning.

Integrated extension for installation in high location (does not require any tools for mounting). Numerous protective rubber strips.

- Overall width: 0,65 m.

Specific boiler lift accessories:

- Horizontal Cradle*.

- Radiator adaptor*: enables a radiator to be installed from a water heater lift.

Built for safety and stability when moving blocks-telescopic radiator.

Deep tray (19 cm) to accommodate the majority of radiators.

*Compatible only with the cylinder/ water heater lift ref. 263620





Description	Max load kg	Max lifting height without / with extension m	Kg	Ref.
Cylinder / water heater lift	150	1,17 / 1,90	42,000	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

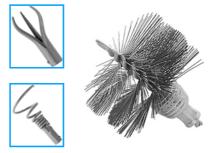
Simple, economical pipe cleaner for everyday use.

Auger Pipe Cleaner No. 4: 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.
ſ	no. 2 : 8	1,50	30	Steel	0,320	290120
	no. 4 : 15	5,00	80	Claw 42 mm	5,900	290140

2901 : Accessories for Furet Auger



Description	For	Use	Ømm	Lm	Kg	Ref.
Extension	Furet no. 2	-	8	1,50	0,330	290121
Extension	Furet no. 4	-	15	5,00	5,400	290141
Steel brush	Furet no. 2	Finishing tool for scraping	30	-	0,015	290122
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



Virax committed to WEEE management

As a producer, Virax has implemented a process for collecting Waste from Electrical and Electronic Equipment (WEEE) in compliance with the European Directive 2012/19/UE. In compliance with its environmental commitment, Virax organizes the management and recycling of WEEE at end of life.

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
6	12,600	290215

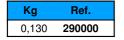




2900 : Pair of Gloves

Designed to protect your hands against mechanical risks. 100% polyamide / Polyurethane coating. Complies with EN420 and EN388 standards (classification 4131). Size 10.







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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-thubs, 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





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 turnsover 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





Virax certified ISO 14001 and OHSAS 18001 since 2009

And in 2016 our Environmental Management System was acknowledged through certification in its new version ISO 14001: 2015.

2905 : Swivel Head for Closet Auger

Kg	Ref.
0,115	290512



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
8	25 - 50	6,40	7,50	7,50	17,270	290602

2906 : Accessory for Drum-Type Manual Pipe Cleaner

Tools	Ø mm	Lm	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



Description	Ømm	Lm	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.

-	
OVIRAX	1

L	Kg	Ref.
1	1,000	290400



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ELECTRIC CABLE PIPE CLEANER

2910 : Portable Electric Drum Type Pipe Cleaner VAL 35 / VAL 35E

Advantages

For pipes Ø 30 to 75 mm. Highly effective thanks to its articulated gimlet (VAL 35E) on steel core cable. Variable speed control.

VAL 35: manual cable feed and return. VAL 35E: less effort thanks to automatic 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.

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).





Туре	Pipe Ø mm	cable Ø mm	Feed / Return	Reach m	Kg	Ref.
VAL 35	40 - 50	8	Manual	7,50	11,300	291000
VAL 35E	40 - 50	8	Automatic	7,50	11,920	291001





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 \emptyset 6.3 or \emptyset 8 mm to work in small

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.





Туре	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 Accessories VAL 80 / VAL 80E

Ref. 291223: For clearing basins, sinks, showers, etc. Adapt on VAL 80 / VAL 80E with cables ref. 291011, 291012, 291014.

Description	For	Kg	Ref.
Drum	VAL 80 / VAL 80E	6,770	291223
Troley	VAL 80	7,150	291221



Virax a daily player in environmental protection

CITEO

As a member of **Citeo**, an eco-organization funding the collection and sorting of paper, Virax is committed to preserving natural resources, by using recycled paper within the company and for all its advertising media, and participating in this funding via the eco-contribution.

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 \emptyset 25 cm wheels.

Perfect result thanks to the 8 tools supplied and its steel core cable for an optimum resistance/flexibility ratio.

 \emptyset 16 mm (also exists in \emptyset 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







2931 : Cable segment pipe cleaner VAL 96QC

Advantages

'Quick Change' system: instant swapping of \emptyset 16 mm and \emptyset 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).

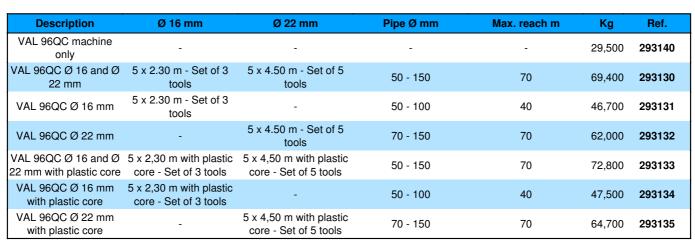
Feet with rubber anti-slip protection for better operating stability.

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.



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.





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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.

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

Presssure bar	Pump flowrate I/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.

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.

Presssure bar	Pump flowrate I/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.





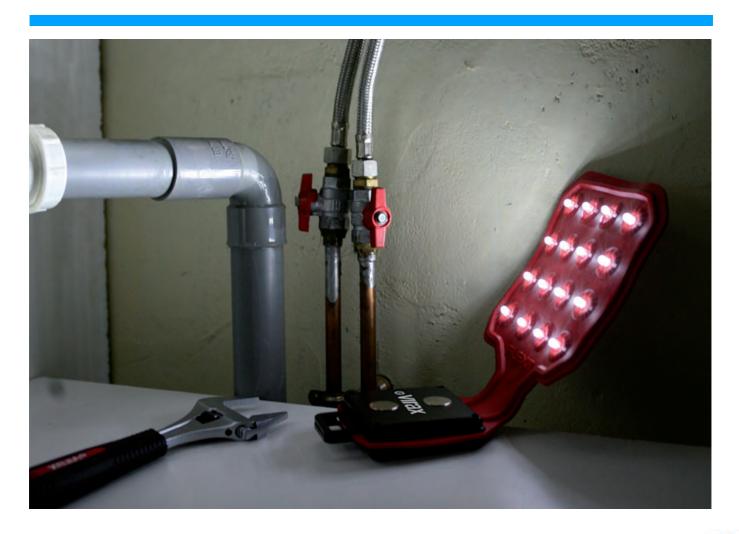


2932 : Accessories for High Pressure Pipe Cleaner

- 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.



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 INSPECTION

2941: Colour Digital Inspection Mini Camera Visioval®

Advantages

Image always horizontal thanks to the self-levelling head. **Colour touch screen** for intuitive use.

Application on Smartphone or tablet to view / transfer the image.

Possible head localisation on the 16-metre cable version.

Colour CCD camera head:

Self-levelling image to maintain it horizontal whatever the position of the camera head. Watertight head IP 68 down to 9 m deep. 4 built-in LEDs (power 100 Lux). Head \emptyset 17 mm on 1.2 m semi-rigid cable: for inspections of \emptyset 20 - 75 mm / 3/4" - 3" in confined areas (ref. 294110).

3,5" (9 cm) colour touch screen:

Touch screen with intuitive browsing in the many settings: zoom x2, adjustable brightness, black & white image function, time stamping.

Live viewing during inspection possible on Smartphone and tablet via the Mini Visioval® app (under los only).

Power supply / Battery life:

Internal rechargeable lithium battery 3.7 V/ 4.2 Ah, battery life several hours.

Photo / video / voice recording:

Resolution: Photos 720 x 480 (jpeg) / Videos 640 x 480 (avi) Built-in microphone to record voice comments on real-time videos or photos. 3 transfer modes: via SD card, USB port (cable supplied), or built-in Wifi transmitter for Smartphone or tablet transfer using the Mini Visioval® app (with synchronisation function), to later add annotations to the image, send by email or SMS.

Cable 16 m (ref. 294121): to be used with the Mini Visioval® ref. 294110:

Head Ø 25 mm to inspect the Ø 40 - 100 mm / 1.1/2" - 4" up to 16 metres distance (can negotiate 90° bends in 50 mm internal diameter pipes)

4 built-in LEDs (power 125 Lux).

Head fitted with a 512 Hz transmitter to be detected by the Virax localizer ref. 294130. Other characteristics of the head equivalent to those of the Mini Visioval® ref. 294110. Cable in turret open with guide for easy storage an cleaning. Base with anti-slip and anti-scratch rubber pads.

Description	Camera head	For pipes internal Ø mm	Built-in record function	Possibility of localisation	Autonomy	Kg	Ref.
Mini Visioval® 1,2 m	Fixed self-tilting	20 - 75	Yes	No	3-5hrs	3,000	294110
Mini Visioval® kit 1,2 m + cable 16 m	Fixed self-tilting	20 - 75 / 40 (50) - 100	Yes	Yes	3-5hrs	12,000	294120
Cable 16 m	Fixed self-tilting	40 (50) - 100	Yes	Yes	3-5hrs	9,000	294121

Capacities

Ref. 294110: Head Ø 17 mm on 1.2 m semi-rigid cable: for inspections of Ø 20 - 75 mm / 3/4" - 3" in confined areas (ref. 294110). Ref. 294121: Head Ø 25 mm to inspect the Ø 40 - 100 mm / 1.1/2" - 4" up to 16 metres distance (can negotiate 90° bends in 50 mm internal diameter pipes).





VIrax 152

Delivered with

- Ref. 294110:
- -1 cable 1.2m.
- -1 USB mini-cable.
- -1 SD card.
- -1 charger for internal battery.
- -In plastic case.

Ref. 294121:

- -1 cable 16 m.
- -2 AA batteries to supply the 512 Hz transmitter. -In plastic case.

- Ref. 294120:
- -1 Mini Visioval camera ref. 294110.
- -1 cable 16 m ref. 294121.

-In plastic case.

2941 : Locator for Mini Visioval®

Advantages

Allows to locate the 16 m cable head of the Mini Visioval®.

Localisation up to **2.45 m deep**.

Intuitive search with **visual and sound indications** of the Mini Visioval®.

Locator ref. 294130 :

Used to find the exact position of the 512 Hz transmitter of the Mini Visioval® 16 m cable head.

Easy and intuitive search with direction display on 3.5" screen of the Mini Visioval® and sound indications.

Two search models:

- A geolocalisation mode to find and move above the probe.

- A depth mode to determine the distance between the probe and the locator.

Also allows to detect the 640 Hz, 33 Khz active, 50/60 Hz passive frequencies. Telescopic design for easy storage.

Operates only with the Mini Visioval® camera (ref. 294110) associated with the 16 m cable (ref. 294121).

Supplied in a plastic shock-proof case.

Description	Kg	Ref.
Locator	4,500	294130
Complete Mini Visioval® kit + 16 m cable + Locator	16,500	294135







Virax in France, is also...

The Virax head office, located in Epernay, France, groups all activities: R&D department, Production Centre, Quality pole, Customer service, Purchasing department, After-Sales Service... up to the Storage and Distribution center.





2941 : Thermal camera Mini Visioval®

Advantages

Allows to **view thermal anomalies in heating circuits. Detects temperatures between -20°C and 220°C.** Intuitive use thanks to the **touch screen** of the Mini Visioval®.

Easy and fast detection of a leak, clogged or faulty radiator/heating floor, bad insulation or fluid flow by measuring temperature differences.

Easy and intuitive thermography with settings adjustable directly on the wide 3.5" screen of the Mini Visioval®: hot and cold spot automatic viewing in a zone and display of a specific point's temperature.

Temperature range measured between -20°C and 220°C with selectable colour contrast. Many adjustments on the touch screen. Emissivity adjustable according to the material. High resolution image, with saving Photos 720 x 480 (jpeg) / Videos 640 x 480 (avi). Smartphone (iOS) or tablet transmission thanks to the Mini Visioval® app (with synchronisation function), to add annotations to the image. Transmission possible via email

or SMS. Operates only with the Mini Visioval® camera (ref. 294110). Supplied in a plastic shock-proof case.

Description	Kg	Ref.
Thermal module for Mini Visioval®	1,000	294140
Mini Visioval® camera + Thermal module kit	4,000	294145
Complete Mini Visioval® kit + Cable 16 m + Localizer + Thermal module	17,500	294150







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-1011	0.7	v	Dallery.	

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
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.

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

CLEANING PUMP

2950 : Sludge Removal Pump / Descaling 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).

Descaling pump: compact and effective to descale boiler heating elements (copper and steel only).

Translucent, anti-impact plastic tank **to view the fluid level**. Manual flow reverser (ref. 295020: electric - ref. 295000: mechanical) 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 and 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.

Accessory available for the sludge removal pump only: 20 m transparent pipe extension (ref. 295022) to connect to the water inlet, drains, etc.





Description	Pump flowrate I/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
Descaling pump	28	0,130	15	10	Boiler	8,700	295000

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.



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.

Description	Pump flowrate I/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")







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.

Descaling fluid:

(ref. 295010) to descale boilers with heating elements in copper or steel only. A mix of acids, anti-foaming agents and corrosion inhibitors to avoid damaging pipes. Colour indicator to see whether the acid is powerful enough or not.

Neutralising agent:

(ref. 295015) for neutralising the acidity remaining in the heating element after descaling. Neutralises 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.

Sanitizer:

(ref. 295026) for heated floors. Algae and bacteria destruction to optimise thermal performance. Compatible with all metals.

Protector:

(ref. 295027) for radiators and heated floors. Improves the installation's lifetime by slowing down sludge and corrosion return. 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
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
VIRAFAL® sludge remover for heated floors	Heated floor	1 L Container	-	-	ok	1,400	295056
Sanitizer	Heated floor	1 L Container	-	ok	-	1,200	295026



MAINTENANCE

Description	Use	Packaging	295000	295020	295050	Kg	Ref.
Protector	Radiator / Heated floor	1 L Container	-	ok	-	1,200	295027
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

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

3600 : Gel with natural micro granulates

High performance cleansing gel for the hands, with natural micro granulates, for perfect, rapid cleaning.

Very easy to use, on dry hands and without water. No rinsing required.

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... Practical non-screw lid.

Dermatologically tested, without petroleum solvents, biodegradable and non-toxic.

Pleasant smell (orange).

500 ml bottle, handy, for taking everywhere with you.

L	Packaging	Kg	Ref.
500 ml	Container	0,530	360020















Three pumps to descale, clean, flush and rinse all your installations.





MAKE THE MOST OF YOUR TALENT AS PER JORIS

Silver medallist from Worldskills France 2017

"Working with VIRAX tools on a daily basis and during the tests is reassuring."





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FIXTUB

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.

Pi	pe Ø mm	Max. arm length mm	Kg	Ref.
	8 - 30	60	0,220	200010
	20 - 60	100	0,830	200020



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.

1	1	-			
		-			
- 4		2	A.	À	

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.

Α "	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.

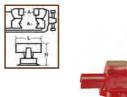
Α "	A mm	Kg	Ref.
2.1/2 - 12	76 - 325	34,000	200350





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

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



WORKBENCH

2005 : Folding Portable Stand

Very sturdy angle-section legs.



H mm	P mm	Equipment	Kg	Ref.
925	835	No vice	15,000	200500



Go to www.virax.com

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



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 is only available for users with an existing table.



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 is only available for users with an existing table.





Working dimensions mm	E mm	Hmm	Kg	Ref.
1080 x 610 - No wheels / handle	32	840	25,000	200910
1080 x 610 - With wheels / handle	32	840	26,500	200911



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and its product demonstration videos! /VIRAX

PLUMBER'S TABLE

2012 : Professional Plumber's Table

Beechwood worktop. With lower tray. Tubular legs. Max load: 200 kg.

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U N		
	1	

Working dimensions mm	Emm	Hmm	Kg	Ref.
700 x 500	30	830	19,000	201202

LIGHTING

2628 : Flexible, multi-angle lamp

Advantages

Innovative: Ultra-thin and flexible body for turning the light in multiple ways.

Functional: bend, fold or wrap the lamp on or around objects to position it.

Powerful: 16 LEDs with high angle of diffusion, up to 200 lumens.

Silicone body makes it possible to transform the lamp into a headlight to illuminate a specific place or into a lantern for shining the light over a wide perimeter.

Practical: 2 powerful magnets and 1 loop provide even more ways to position the lamp. 4 lighting modes: economical - intermediate - powerful - warning.

Maximum autonomy of 70 hours.

Splash-resistant (IP52).

3 AA batteries i	ncluded.
------------------	----------

Kg

0,250

Size mm	Kg	Ref.
293 x 144 x 20	0,250	262801







2628 : Flexible multi-angle lamps display

Display of 6 flexible multi-angle lamps (262801).

Ref.

262800

167 **VIrax**



FITTER'S TOOL-BAG & CHEST

3826 : Textile backpack with rollers

Advantages

Double use: Back pack or trolley. **Thick and strong fabric:** 1200 x 1200 deniers. **Multiple storages and high capacity:** adapts to your needs.

High mobility: telescopic handle integrated to the back of the bag, wheels fitted on metal shaft and ball bearings.

Many compartments ensuring easy tool access: wide opening main compartment with 2 internal pockets and removable internal tool holder, 2 external compartments with zipper, and 2 side pockets with adjustable strap for long tools.

Reflective strip for high visibility in the dark.

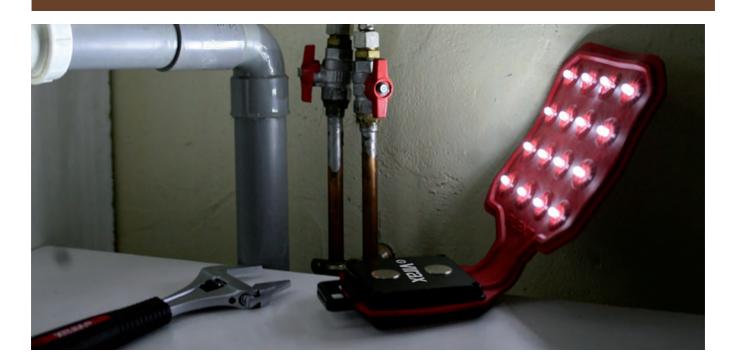
Comfortable use: **reinforced padded back** and adjustable padded straps (straps stored in the back when pack used as trolley), ergonomic and strong upper handle.

Tools sold separately.





Description	Max load kg	Internal dimensions mm	External dimensions mm	Kg	Ref.
Textile backpack with rollers	15	450 x 350 x 200	500 x 420 x 250	3,000	382653



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 : Mini textile back pack

Textile back pack with adjustable strap, ideal for easy carrying of small tooling. Thick and strong 1200 x 1200 denier fabric, with lined back. Large main compartment with zipper. Inside compartment with elastic closing.

DescriptionMax load kgInternal dimensions mmExternal dimensions mmKgRef.Mini textile back pack5445 x 355 x 115450 x 360 x 1200,350382651



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.**









3826 : HQ worksite box

Sealed to rain and water projections thanks to the cover engaging in the tray. High rigidity: triple folding tray angle piece, angle piece of the double folding cover. Strong: 10/10th thick metal sheet and reinforced hinges. Lid opening locking strap. 2 round carry handles with horizontal locking. Locking possible with padlock (not supplied). Volume: 104 litres.

Removable tool tray in option.

Tools sold separately.

Description	External dimensions mm	Kg	Ref.
HQ worksite box	850 x 350 x 350	13,000	382620
Removable tray for HQ worksite box	450 x 290 x 80	0,800	382621

3826 : Tools Chest

Smart: 1 large removable storage tray.

Tough: chock resistant and bad weather proof material.

Ergonomic handle with metal fasteners, retracts into the cover for stacking chests.

Closes with a padlockable metal-hinged clasp.

Tools sold separately.

Internal dimensions mm	External dimensions mm	Kg	Ref.
420 x 170 x 160	500 x 240 x 230	2,000	382640
560 x 180 x 200	650 x 280 x 255	4,250	382641

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

3826 : Metal Fitter's Tool Bag

Painted sheet metal. Replaceable strap. Lid with closing flaps.

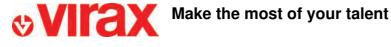
Internal dimensions mm	External dimensions mm	Kg	Ref.
545 x 175 x 245	570 x 180 x 270	3,920	382685











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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Drum-Type Manual Pipe Cleaner Ductile Cast Iron Pipe Cutter E Electric Drum Type Pipe Cleaner VAL 80 / VAL 80E Electric Drum Type Pipe Cleaner: VAL 90 Electric High Pressure Pipe Cleaner Electric Ram Electric Test Pump Electrical Water Pump Etaugriff® Pipe Vice Expansion Pliers PEX series 5 Extra-Wide Multigrip Pliers with Fast Locking Button Extra-Wide Opening Adjustable Wrench Extra-Wide Opening Multigrip Pliers Extrudax® Accessories Extrudax® Flanging Tools Extrudax® T-Flange Tool Set F Fast Copper Tube Cutter 6-67 mm Fast Stainless Steel Tube Cutter 6-67 mm Fast feed 6-65 mm plastic pipe cutter Filetfix® III	2906 2102 2912 2920 2932 2408 2620 0500 2002 2534 0182 0182 0170 0182 2528 2528 2528 2528 2528 2528 2528 2	6 2 Cat. 6 6 6 3 6 2 7 4 1 1 1 1 1 4 4 4 4 4 2 2 2 2 2 4	45 Page 146 147 150 72 137 44 164 101 17 21 17 103 103 103 102 Page 50 47 51 104



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Former for Gas Pipes Medium and Heavy	2402	3	70
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* Material	STEEL / CARBON STEEL		MULTI-LAYER / PE-RT CO	PPER	PEX / PB / P	ER / PE	CO
système/syst	EM	*	Ø		52	7.0	
A							
AC-FIX Press			12-16-20-25-32		RF-P/U	H/U	
AC-FIX Press-Mult			16-18-20-32	RF	P/H-ML/U	H/U	
			25		RF-P/U	H/U	
ACOME MT			12-16-20-25		RF-P	H M	_
AHLSELL A-press	elforzinkad		12-15-18-22-28 35		M	M	
AHLSELL A-press I	koppar		12-15-18-22-28 35-42-54		V -	V V	
AHLSELL A-press	rostfritt		12-15-18-22-28 35		M	M	
AIRBEL Pressclim			12-15-18-22-28 35		M	M	-
AIRBEL Sertinox			15-18-22-28 35		M -	M	_
ALB Sistema multi	capa		14-16-18-20-32		ML/TH/U	H/TH/U	
ANQUIER Aser	Jupu		26 12-16-20-25		H-ML/TH RF-P	H/TH	
			14-16-18-20-26-32		TH	H TH	-
APE Raccordi a pre	essare		40-50-63		-	U	
B							_
BAMPI Balpex			14-16-18-20-26-32		TH	TH	
ARBI Easypress			40-50 12-16-20-25-32		- RF-P / U	TH H/U	-
Draibi Labyprood			16-20-32	RF-P	/H-ML/U/TH	TH/H/U	
			18		H-ML / U	H/U	
BARBI Multipex			25		RF-P / U	H/U	
			26 40-50-63		TH / H-ML	TH/H U	
BRASELLI Pressfitt	ina PE-X		16-20-25-32		RF-P	-	
BRASELLI Pressfitt	× I		16-18-20-25-32		U	U	
	•		40-50		-	U	
BROEN Ballofix Pre BROSSETTE Eurob			15-18-22 12-16-20-25		M/V RF-P	M/V H	-
BUCCHI tech MP	d5ll		14-16-20-26-32		TH	TH	-
CHIBRO Pressfittin	n		15-18-22-28		М	М	
	5		35 14-16-18-20-25-32		- U	M U	_
COES Coesklima K	-Fit		40-50		- U	U	
			63-75	1	-	Ŭ	
COMAP PexPress	Altech		12-16-20-25		RF-P	Н	
COMAP SkinPress			14-16-18-20-26-32		TH	TH	
			40-50-63 12-14-15-16-18-22-28		- V	TH V	-
COMAP Sudopress	; Cu		35-42-54		-	V	
COMAP XPress			12-15-18-22-28		М	M	
			35-42-54 15-18-22-28		- M	M	-
COMAP XPress			35-42-54		M	M	
COMISA Evo Press			14-16-18-20-26-32		H-ML / TH	H/TH TH	
JOINING EVU FIESS			25 40-50-63	+	TH 	TH	
COMPTOIR DE PIC	ARDIE		16-20		U / TH	U/TH	
Multiquick NTM			26	<u> </u>	TH	TH	
CONEL Connect M			16-20-32	Th	H/H-ML/U	TH/H/U	

PER	BRASS / BRONZE STA	AINLESS S	STEEL V		
systèn	ME/SYSTEM	*	Ø	S 2	
)					
	Laser Multi Dalpex		14-16-18-20-26-32	TH	TH
			40-50-63 14-16-18-20-26-32	- TH	TH
	ex Systems		40	-	TH
	Maximétal BUNDROHR Multitubo		16-20-32 16-20-25-32	RF-P / U U	UU
			40-50-63-75	-	U
	Monflex		16-18-20-25-32	U	U
			40-50-63-75 15-18-22-28	- M/V	U M/V
EFFEBI P	resslige		35	- TH/H-ML/U	M/V
EFFEBI T	of Multipinza		16-18-20-32 25	TH / U	TH/H/U TH/H/U
			26 15-18-22-28	TH / H-ML M	TH/H M
EMCAL (C-Stahl		35	-	М
EMCAL F	Perfect Aqua		16-20-25-32 40-50-63	U -	U
EMCAL F	Presso		16-20-26-32	TH	TH
	PRESSO Nox		40 15-18-22-28	- M	TH
			35 14-16-18-20-26-32		M
emmeti	Gerpex-Fivpress		40-50	-	TH
ESTA RO	HR Simplesta		15-18-22-28 35	M	
EUROTU	BI EUROPA Pressfitting System		12-15-18-22-28	М	М
EUROTUBI EUROPA Pressfitting System		35 12-15-18-22-28	- M	M	
F	DI LUNUFA FIESSIILIII JUSIEIII		35		М
			14-16-18-20-32	H-ML / TH / U	H/TH/U
FAR RUB	INETTERIE Pressfar		25 26	TH / U H-ML / TH	H/TH/U H/TH
			40	-	H/TH/U
			50-63 12-14-15-16-18-22-28	- V	TH/U V
FRØ Raf	RONIO BQ press rame		35-42-54	-	V
	RONIO BQ press carbon steel		15-18-22-28 35-42-54	- V	V
	OOR Duo Press Ferco Pex		16-20-25-32 16-20-25-32	RF-P / TH / U RF-P / TH / U	TH/U TH/U
FERCOFL	LOOR Duo Press Multifer		18	TH / U	TH/U
FG Stainl	less STEEL		15-18-22-28 35	M	
FILTUBE	Instalpress		12-15-18-22-28	М	М
			35-42-54 15-18-22-28	- M	M
	Instalpress S ESTANDAR Eco-Press		35-42-54	 RF-P	М
	S ESTANDAR ECO-PIESS		16-20-25-32 16-20-25-32	RF-P/U	- U
	S ESTANDAR MOLTICARA		18 16-20-25-32	U RF-P / U	UU
FORNAR			16-20-26-32	TH	TH
FRABO F	rabopress C-Steel		15-18-22-28 35-42-54	- -	V V
FRABO F	rabopress H2O		12-15-18-22-28	V	V V
	rabopress 316		15-18-22-28	- V	V
	•		35-42-54 16-20	- TH/U	V TH/U
FRABO N	Aulti-Brass		26-32	TH	TH
FRABO N	/lulti-Plus		16-20-32 26	H-ML/U H-ML	H/U H
FRANKIS	CHE Alpex Duo-Alpex L		16-20-26-32	TH	TH
	CHE Alpex Duo XS CHE Turatec System		16-20-26-32 16-20-26-32	<u></u>	TH
CI/IVIN-III	יטווב ונומנט טאַזנלווו		16-20-26-32	H-ML	H
FRIATEC Friatherm Uni			40		Н



virax ALL SYSTEMS COMPATIBLE WITH VIRAX JAWS AND INSERTS. STAINLESS STEEL STEEL / CARBON STEEL MULTI-LAYER / PE-RT COPPER PEX / PB / PER / PE COPPER BRASS / BRONZE * MATERIAL 62 1000 SYSTÈME/SYSTEM SYSTÈME/SYSTEM * Ø * Ø G Κ 12-15-18-22-28 Μ М 16-20-25-32 TH/U GEBERIT MAPRESS 35 M 26 TH KAN Kan-Therm 40 14-16 Μ GEBERIT MAPRESS 12-15-18-22-28 M Μ 50-63 М M 15-18-22-28 35 KAN Kan-Therm 12-15-18-22-28 M Μ 35-42-54 GEBERIT MAPRESS М 16-20-25-32 TH/U 16-20-26-32 G 26 TH KAN Kan-Therm I RP **GEBERIT Mepla** 40-50 40 -H-ML/TH/U 14-16-18-20-32 H/TH/U 50-63 TH/U H/TH/U 15-18-22-28 М 25 KAN Kan-Therm **GENERAL FITTINGS Series 5S00** 26 H-ML/TH H/TH 35-42-54 40 16-20-25-32 H/U U KE KELIT Kelox 50 TH/U 40-50-63-75 H-ML/TH/U 16-20-32 H/TH/U 15-18-22-28 М KF KFI IT Steelfix GIACOMINI Multistrato/Giacoflex/Giacotherm H-ML/TH H/TH 35-42-54 26 15-18-22-28 Μ 40-50 KE KELIT Steelfix GLOBAL PIPING SYSTEM Ac-Fix Press RF-P/L 12-16-20-25-32 H/U 35-42-54 KING INDUSTRIAL Press-ID 16-18-20-32 H-ML/RF-P/U 12-16-20-25-32 RF-P H/U GLOBAL PIPING SYSTEM Ac-Fix Press-Multi H/U 14-16-20-26 25 RF-P/U COMAP connector TH KME Q-tec GLOBAL TRADE Aqualpress System 16-20-25-32 U U 16-20-26 HA Oventrop connector 16-18-20-25-32 U U 15-18-22-28 М GOLAN KOHI FR Inox Pres 40-50-63 35 14-16-18-20-26-32 TH HAKA GERODUR Hakathen-L TH TH 16-20-26-32 NICOLL Fluxo 12-14-15-16-18-22-28 40-50-63 V V HAMMEL ROBINETTERIE 32-42-54 V 14-16-18-20-25-32 TH/U HAMMEL ROBINETTERIE TH 16-20-26 TH 26 TH N.T.M Winnv-AL 40-50 HAMMEL ROBINETTERIE 12-16-20-25 RF-P Η 16-20-26-32 TH TH 63 HEIMA Press-Fittings TH 14-16-18-20-32 U 40-50 NUPI & NUPIGECO Multinupi 16-18-20-25-32 U 40-50-63 **HELIROMA Klimapress** 40-50-63-75 16-20-25-32 U 0 HELIROMA Romapress RF-P 16-20-26-32 HA HENCO PE-Xc/AL/PE-Xc 14-16-18-20-26 TH TH OVENTROP Cofit P 40 14-16-20-26-32 TH TH 63 **HEROTEC** Tempuss-press TH 14-16-18-20-25-26-32 TH PB TUB Sertipress RF-P TΗ 12-16-20-25 **HERZ Pipefix** TH 12-15-18-22-28 М 40-50-63 PB TUB Serti-Steel PB TUB Alpex Duo & Turatec TH 16-20-26-32 16-18-20-25-32 U IBP >B<Flex F5 16-18-20-25-32 U 40-50-63-75 16-20-25-26-32 PERFILTUBO Perfialupex 40-50-63 IBP >B<Flex F9 TH TH М 15-18-22-28 12-14-15-16-18-22-28 V V PERFILTUBO Perfipress IBP >B<Press 35-42-54 35-42-54 PEXTUBE Pextube 16-20-25-32 RF-P 15-18-22-28 V IBP >B<PRESS PIFTRO RAVANI TH 16-18-20-26-32 35-42-54 16-18-20-26-32 TH 15-18-22-28 PIPELIFE RADOPRESS V IBP >B<PRESS CARBON 40-50-63 35-42-54 16-18-20-25-32 U 16-18-20-26-32 40-50-63 TH TH POLYSAN Rainbow IDROSANITARIA BONOMI Idropress 40-50-63 TH 16-20-26-32 H-ML Μ 15-18-22-28 М PF connectors ILTA INOX Chibro Pressfitting 40-50 35 М PRANDELLI Multyrama H-ML/TH/U 16-20 H-ML PFM connectors 14 26-32 H-ML/TH U/RF-P/H-ML/TH U/H/TH 16-20-32 U/H-ML 18 U/H INDUSTRIAL BLANSOL Multipex 15-18-22-28 М 25 26 U/RF-P U/H **BACCORDERIE METALLICHE (BM) Inoxpres** 35 H-ML/TH H/TH М 15-18-22-28 40-50-63 Ш RACCORDERIE METALLICHE (RM) Steelpres 35 М 12-15-18-22-28 М INSTALPRESS Carbon Steel TH/H-ML/U 14-16-18-20 35 М RBM Tita-fix 26-32 TH / HM-L 14-16-18-20-26-32 TH TH IPA Ipalpex 40-50-63 40-50-63 16-20-25-32 TH 16-20-25-32 For information U RF-P **ISOLTUBEX** Isolpex **RIFENG Raccords F5** 40-50-63-75 RF-P/I 16-20-25-32 **ISOLTUBEX RIFENG Raccords F9** 16-20-25-26-32 TH 18 RF-P **RIQUIER A sertir** 12-16-20-25 15-18-22-28 ISOTUBI Numepress Μ М М RUBINETTERIE BRESCIANE BONOMI 15-18-22-28 TH/H-ML/U TH/H/U 09/2016 -16-18-20-32 CU-NI turbo TH/U TH/H/U **IVAR Multi-Press** RUBINETTERIE BRESCIANE BONOMI 15-18-22-28 М 26 TH / H-ML TH / H Stainless steel turbo 40-50 TH/U 15-18-22-28 М RUBINETTERIE BRESCIANE BONOMI TH/H-ML/U 16-20-32 TH/H/U Steel turbo TH/H/U **IVAR Plastic-Multi-Press** TH/II 25 14-16-18-20-32 TH / H-ML / U TH/H-M TH/H RUBINETTERIE BRESCIANE BONOMI

TH/U

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TH/H/U

TH/H

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TH/H-ML

26

40-50-63

Press turbo

ALL SYSTEMS COMPATIBLE WITH VIRAX JAWS AND INSERTS.

* MATERIAL	STEEL / CARBON STEEL		MULTI-LAYER / PE-RT CO	PPER PEX/PB/	PER / PE
SYSTÈME/SYS	TEM	*	Ø	S	
S					
U			16-20-32	TH/U	TH/U
SANHA 3 fit-pres	S		26 40-50	TH	TH TH
			14-16	V	V/M
SANHA Pressfittin	nas		12-15-18-22-28	V / M	V/M
UNININITIO	igo		35 42-54	- V	V/M V
			15-18-22-28	M/V	M/V
SANHA NiroSan			35	-	M/V
			42-54 12-15-18-22-28	- M / V	V
SANHA Therm			35	-	M / V
			42-54	-	V
SCHWER Aquapre	ess		15-18-22-28 35-42-54	M	
SESTA Sistema m	ultiotroto		16-20	H-ML/TH/U	H/TH/U
SESTA SISTELLIA IL	IUIUSUALO		18-26-32	TH	TH
SOMATHERM Sor	nex Multi		16-20-32 26	TH / H-ML / U TH / H-ML	
SOMATHERM Sor	napress		12-16-20-25-32	RF-P/U	H/U
STPC Sopalpex Fi	it		16-20-26	TH	TH
STELBI Polikraft			14-16-18-20-26-32 40-50	TH -	TH TH
SYSTERM Wopre>	(14-16-20-26-32	HA	HA
T			16-20-32	TH / U	TH/U
TERMICALINE Ter	mipex		26	TH	TH
			14-16	V	V/M
THERMADOR			12-15-18-22-28 35	V / M	V / M V / M
			42-54	-	V / IVI
TIEMME Cobra-Po	ex series 1700		16-20-25-32	RF-P	-
TIEMME AL-Cobra	a pex		14-16-18-20-25-26-32 40-50-63	TH	TH TH
			16-20-25-32	U	U
TRA Multitrapress	5		40-50-63	-	Ŭ
TRA Trapress			12-16-20-25-32 16-18-20-25-32	RF-P U	H
TWEETOP			40-50-63-75	-	U
U			10.00.00		1 11
UNICAL Max Mult	ipex		16-20-32 26	U H-ML	U H
			16-20-32	TH / H-ML / U	TH/H/U
UNIDELTA Deltall			26	TH / H-ML	TH/H
			40 50-63	-	TH/H/U TH/U
UPONOR Multicou	iche / Multilaver		16-20-25-32	U	U
	unio / mulliayd		40-50-63-75-90-110	-	U

SYSTÈME/SYSTEM	*	Ø		20
V				
		16-20	H-ML/TH/U	H/TH/U
Valsir Mixal		26	H-ML / TH	H/TH
		32	H-ML / TH / U	H/TH/U
		14	H-ML / H	H
		16-20	H-ML/TH/U	H/TH/U
Valsir Pexal (laiton/brass)		26	H-ML/TH	H/TH
raion i onal (alton) oracoj		32	H-ML/TH/U	H/TH/U
		40-50-63	-	TH/U
		75-90 16-20-32	-	U H/TH/U
VALSIR (PPSU) Bravopress		26	H-ML/TH/U H-ML/TH	H/TH
VAN MARCKE Tubipex Alu		16-18-20-26-32	TH	TH
		12-15-18-22-28	V	V
VIEGA Prestabo		35-42-54	V	V V
		12-14-15-16-18-22-28	V	V
VIEGA Profipress		35-42-54	-	V V
VIEGA Sanpress		12-14-15-16-18-22-28	V	v
Bronze connectors for stainless steel pipes		35-42-54	-	ý V
		15-18-22-28	V	V
VIEGA Sanpress inox		35-42-54	-	V
VSH Skinpress		14-16-18-20-26-32	TH	TH
VOH OKIIIPI ESS		40-50-63	-	TH
VSH Sudopress		12-15-18-22-28	V	V
Voli Oddopicas		35-42-54	-	V
VSH Xpress Carbon		12-15-18-22-28	M	M
		35	-	M
VSH Xpress		12-15-18-22-28	M	M
Terripicee		35-42-54	-	M
VSH Xpress inox		15-18-22-28	М	M
W		35-42-54	-	M
		16-20-25-32	U	U
WAVIN Tigris		40-50-63	U	U
WIEDLAND Cuprotherm CTX		14-16-20	TH	TH
		10 20		
ZETAESSE Europex Isopex (insulated)		14-16-20	TH / U	TH/U
		26-32	TH	TH
ZETAESSE HydroSan / ThermoSan (insulated)		14-16-20	TH / U	TH/U
ZEWOTHERM		14-16-20-26-32	TH	TH
ZEWOTTENW		40-50-63	-	TH

STAINLESS STEEL

BRASS / BRONZE

COPPER

virax































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