

ENJOY THE **DIFFERENCE**



GENERAL CATALOGUE 

V.2019-06-01

Hydraulic Hose & Tubing Processing Equipment

op[®]

PEOPLE, PASSION
& **SOLUTIONS**

 OP USA INC.

IT'S
FLUIDMEC
WORLD

Member of

www.fluidmecworld.com



ENJOY THE **DIFFERENCE**

People, passion and solutions are the strength features of O+P.

For more than 30 years we have been producing equipment for hydraulic pipelines, offering customized solutions gained from research, precision and quality. Wideness of range, development and innovation make O+P a unique, young and dynamic brand.

This is **Enjoy the difference.**

Today O+P is part of It's Fluidmec World Group, a net of multi-professional and synergic companies successfully satisfying every request within the hydraulic, pneumatic and automation field. Values, know-how and inter-professional experience sharing enable us to carefully monitor the whole production process while also starting up new trades with competence and reliability.

This is **Enjoy the difference.**

PASSION

The history of our companies roots lives in our people and within the industrial area of Brescia, Italy, where we have been born and raised. This makes us a real family who faces any challenge with great passion.

PEOPLE

Person-respect is at the heart of the relationships within the O+P culture. Loyalty, ethics and transparency are the hallmarks of our team and this has allowed O+P to continuously develop trusting and reassuring relationships with our customer's worldwide.

STRENGTH

Our ruggedized and robust equipment best reflects the "one" of our group and our organization. We focus on integrity, safety and flexibility of our products combining strength and power with user-friendliness and -intuitiveness.

SOLUTIONS

From our clever concepts to our streamlined development processes, O+P offers impressive expertise in engineering while ensuring the utmost attention to detail. The wideness of our range provides focused solutions allowing us to successfully face any difficulty. This results in our ability to consistently meet each project requirement for even the most unique applications.

PRECISION

We aim at developing a high-quality product, which can be reliable and always of higher performance. Under this view, we care for every detail and meet our customers' needs with precision, reliability and know-how.

DYNAMIC

We are a SMART and bright reality who never gives up against formalities. We promote development and innovation within our organization, always searching for new evolutionary and future-oriented solutions.

OUR PROMISE

We stand out for the strength of our passion. We produce our equipment offering customized solutions, which are always more advanced and diversified for their typology and aim of use, without renouncing user-friendliness or precision.

ENJOY THE **DIFFERENCE**

A DYNAMIC REALITY A TIGHT GROUP

With more than thirty years of experience within the hose and tube processing equipment industry, today O+P boasts a wide range of products and remarkable services which are available in several markets worldwide. Throughout the many years, O+P has made a name for itself among the international key players of the hydraulic industry. Manufactured in compliance with EC standards, all of our products ensure **quality, innovation and safety** which are results of the fact that we produce all of the mechanical components in our equipment through our own company Sinde Srl, properly set up for this purpose making it a critical piece to O+P's consistent quality.

Our continuous growth is also being supported by the global expansion of our sales network together with our hefty R&D investments, which are essential for a steady flow of new products. Thanks to this, an ever-growing number of companies purchase our machines and are always voicing their satisfaction. Ultimately, this is continuously increasing our prestige and trustworthiness worldwide.

Fluidmec Spa, Sinde Srl, Effegi Systems Srl, Brescia Hydropower Srl, Brescia Hydroservice Srl, Uniseals Srl, Polo Srl.

OP USA INC. - OUR AMERICAN BRANCH

OP USA INC., our branch in Massachusetts, is fully operational to best serve our Canadian, South American and of course US customers, offering sales support, technical service and stock equipment. Every O+P product is made in Italy but completely adapted for local use, by offering a full range of different voltages, UL and CSA certifications and imperial converted tooling and controls.

Beyond being CE Certified, our company is also an ISO 9001:2015 and can boast membership to associations such as NAHAD (The Association for Hose and Accessories Distribution) and the Hose Safety Institute.

OP USA INC has its own website, www.opusainc.com, where it offers a live chat support timely all our American customers on and technical or sales request.



Online



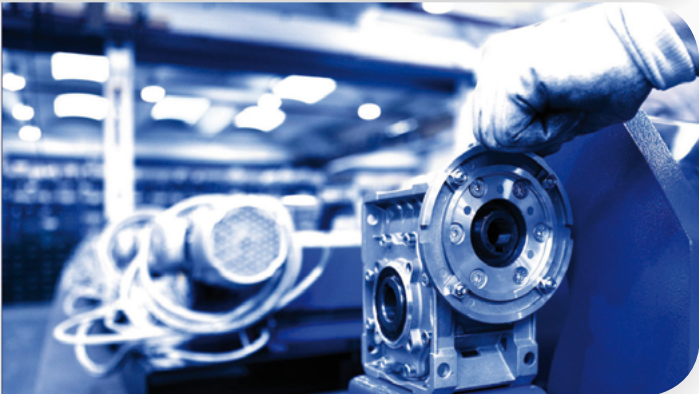
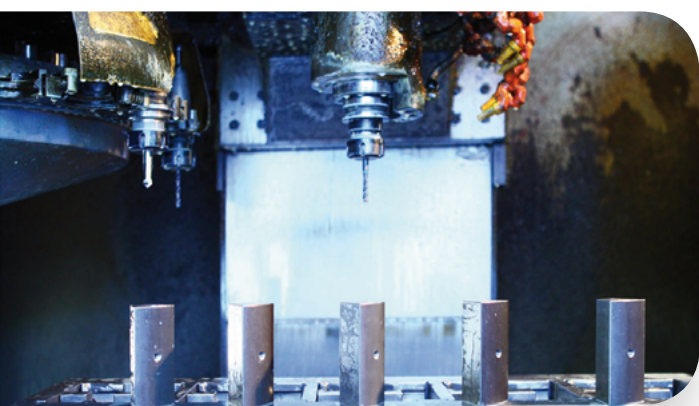
DESIGN

The continuous growth of our company is being supported by considerable investment efforts focused on Research and Development of strategic products we believe can fully meet the global markets expectations.

Reliability and functionality of our equipment, together with a steady Improvement of our technical skills in designing high quality products has encouraged the expansion of our business, from domestic to the international stage.

The O+P brand has gained, by the time, its reputation and confidence among the most respected industry dealers while offering a wide range of products via a widespread distribution partnership networks all over the world.





QUALITY

All O+P equipment is EC certified and manufactured in compliance with the highest quality standards.

The company has been continuously searching for always more advanced, and functional solutions, without ever renouncing the operator's safety.

Furthermore, O+P gained the quality certification **UNI EN ISO 9001:2015** with the aim to better monitor the quality of our products.

O+P demonstrates its avoidance of any outsourcing through the set up of its sister company named Sinda Srl, which is properly committed with the production of the mechanical components of our equipment: on the other hand, assembling, testing and stocking of the end products continue to be, and are strictly performed within O+P premises.

Our stock availability worldwide is steadily replenished in order to always grant spot deliveries of every product from our range.

Standards & Certifications



All OP machines conform to the following standards:

• MACHINE DIRECTIVE (2006/42/EC)

Reference standards:

- | | |
|--------------------|-----------------------|
| UNI EN ISO 12100-1 | Safety of the machine |
| UNI EN ISO 13850 | Safety of the machine |
| | Emergency stop system |

• LOW VOLTAGE DIRECTIVE (2006/95/EC)

Reference standard:

- EN 60204-1 Safety of the machine
Electric equipment of the machine

• DIRECTIVE ON THE ELECTROMAGNETIC COMPATIBILITY (EMC) (2004/108/EC)

Reference standards:

- CEI EN 61000-6-4 Emission
CEI EN 61000-6-2 Immunity

Associated to:



ASSOFLUID

Italian Association of Manufacturing and Trading Companies in Fluid Power Equipment and Components



CONFINDUSTRIA

Main Organization Representing Italian Manufacturing and Services Companies



NAHAD

The Association for Hose and Accessories Distribution

NAHAD
HOSE SAFETY INSTITUTE

NAHAD HOSE SAFETY INSTITUTE

Institute committed to Hose Assembly Safety, Quality and Reliability

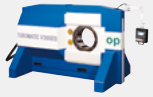


ENJOY THE **DIFFERENCE**

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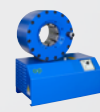
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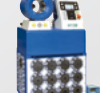
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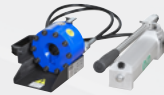
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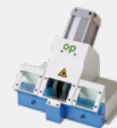
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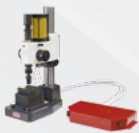


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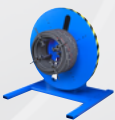
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ENJOY THE **DIFFERENCE**

Hose Processing Equipment

NEW ES4 ELECTRONIC CONTROL FOR V-SERIES CRIMPERS

Technology, innovation and evolution, the new **ES4 electronic control** provided with all our v-series crimping machines grant excellent performance and highest precision during the whole working process by enabling the implementation of any required customization.

A simple and intuitive software, supported by a new **touch screen colour display**, allows even less experienced operators to quickly learn how to use the machine after a few uses.

MAIN FEATURES

- Colour (16 million) TFT display with 7" touch screen (resolution 800x480 pixel);
- 3 cycles: manual, semiautomatic and automatic;
- Settable crimping and opening diameter;
- Crimping diameter correction;
- Settable crimping time;
- Single/double cycle stroke counter;
- Metric/imperial (mm/inches) converter;
- Storage and recall of 1000 alphanumeric codes containing the crimping parameters;
- USB for data storage from ES4 to PC and vice versa;
- Technical service warning for ordinary and extraordinary maintenance of the machine (set by O+P Srl);
- "Standby" energy saving mode.



OPTIONAL



Pressure controlled crimping - allows you to set the pressure of the crimping.



Crimping speed control system - designed to perform volume crimping of very high pressure hoses, where a very slow crimping speed is required in order to grant maximum hose safety and enhanced crimping results.



Quality check - The crimping process succeeds through a combined control of preset diameter and pressure parameters.



Multistep - possibility to set and store up to 25 steps with different crimping diameters.



BARCODE - creation and recall of recipes previously entered through their matching to a BARCODE. The BARCODE reader is provided with the kit.



WEB CAM - installed at the rear side of the machine, it allows to visualize the whole processing phase through a TFT 8" monitor (provided with the kit) positioned at the front side of the machine. The WEBCAM comes complete with LED light that enables a better lighting during the crimping process.



Connection from ES4 to PC through Ethernet LAN port or WIFI - allows you to display the ES4 panel of the machine on a PC for creating or editing recipes. Two types of control are available upon request:

- machine control from PC by means of a software to be installed: no possibility to use the crimping machine in the meantime;
- machine control from PC by means of a hardware key to be installed: possibility to use the crimping machine in the meantime.



ES3 ELECTRONIC CONTROL

ES3 electronic control ensures supreme and risk-free performance.

Even more technologically advanced and easy to use, the electronic control of our ES-series crimping machines grants **excellent performance and highest precision during the whole working process.**

A **simple and intuitive software**, supported by a **touch screen colour display**, allows even less experienced operators to quickly learn how to use the machine after a few uses.

MAIN FEATURES

- 3 cycles: manual, semiautomatic and automatic;
- 5.7" touch screen display with 320x240 pixel resolution and 262.000 colours;
- Settable crimping diameter;
- Settable opening diameter;
- Crimping diameter correction;
- Settable crimping time;
- Storage and recall of 200 alphanumeric codes containing the crimping parameters;
- Total and partial stroke counter;
- Codes archive;
- Mm and inches version.



OPTIONAL



Pressure controlled crimping - allows you to set the pressure of the crimping.



Crimping speed control system - designed to perform volume crimping of very high pressure hoses, where a very slow crimping speed is required in order to grant maximum hose safety and enhanced crimping results.



USB port for pen drive connection for data storage from ES3 to PC. **Data transfer** through USB port (it enables data transfer through a standard USB flash drive from the memory of one ES3 electronic board to another, without any need to set them once again on a new crimping machine).



Quality check - The crimping process succeeds through a combined control of preset diameter and pressure parameters.



Multistep - possibility to set up to **5 different diameters**.

EL ELECTROMECHANICAL CONTROL

The EL electromechanical control includes 2 new controllers that allow you to set the crimping and reopening time, so as to optimize the production cycle.

The crimping diameter is set by the vernier dial.

MAIN FEATURES

- On/off button;
- Emergency button;
- Close button;
- Open button;
- Reopening adjustment after crimping;
- Crimping time adjustment;
- LED engine overheated;
- LED limit-switch proximity damaged;
- LED diameter achieved.



Hose Processing Equipment

PATENTED DIES QUICK CHANGE SYSTEM

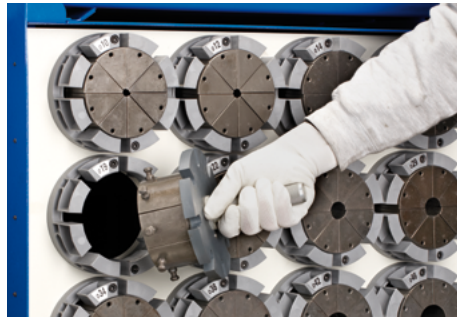
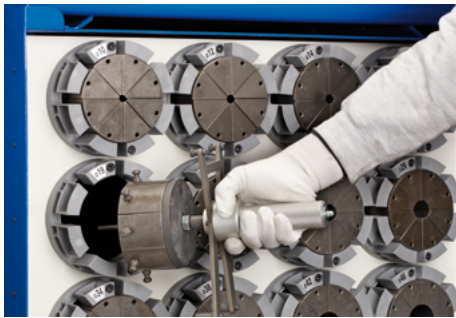
Hose crimpers use different set of dies to process different hose diameters. Manual change may therefore result in a waste of valuable time for the operator.

The **O+P quick change tool** allows to replace the complete set of dies through a single and easy operation thus avoiding the removal of one die at a time.

The peculiarity of this patented system is represented by a centering guide which enables an accurate positioning of the dies into the crimping head.

Such method makes the operation extremely quicker and easier without any risk for the operator and the machine.

As a matter of fact, an incorrect positioning of the dies segments can damage the masterdies and the dies as well, causing an interruption of the working cycle and consequent high reparation costs.



CLEANING AND MAINTENANCE KIT

SPEND A LITTLE BIT MORE TODAY TO SAVE MUCH MORE IN THE FUTURE

The life of your crimping machine can be now extended thanks to the **Cleaning and Maintenance Kit** that O+P offers to the owners of our H144, H135, H130, H80, H79, H59, H54, H79 12V and H54 12V crimpers.

This **simple and inexpensive system** provides for the proper maintenance of the mechanical components and seals, granting a longer working life of the machine and helping to avoid the burdensome and expensive costs of an extraordinary maintenance.

This unique product is characterized by both **quick and easy use** and ensures **the perfect cleaning of the "crimping head" in less than 30 minutes, with no need for disassembly.**

THE KIT COMES COMPLETE WITH:

- SOLVENT
- SPRAY GUN WITH RESERVOIR
- CONNECTION HOSE
- WEDGES
- TOOL





CRIMPING DIES

High volume crimping

Standard volume crimping

 Diameter mm	High volume crimping																Standard volume crimping																	
	V350 ES	V340 ES	V300 ES	V3401 ES -V3001 ES	V250 IES	V160 IES	V159 ES	V150 ES	V59 ES	V59/E ES	N120 EL	N120 ES	S500 ES	S220 ES	S77 ES	S33 PI	H170 EL	H144 ES	H144 EL	H135 ES	H135 EL	H135/E EL	H135 24V	H130 ES	H130 EL	H130/E EL	H130 12V	H88 ES	H88 EL	H554 ES				
DIES LENGTH (mm)																																		
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12	60	60	60	60	60	60	60	60	85	60	*	*	60	60	85	*	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	60	50
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111	145	145	145	145	145	135	126				*	*	145	145		*	130	130	130															
116	145	145	145	145	145	135	126				*	*	145	145		*	130	130	130															
121	145	145	145	145	145	135	126				*	*	145	145		*	130	130	130															
126	145	145	145	145	145	135	126				*	*	145	145		*	130	130	130															
131	145	145	145	145	145	135	126				*	*	145	145		*	130	130	130															
136	145	145	145	145	145						*	*	145	145		*																		
146	145	145	145	145	145						*	*	145	145		*																		
156	145	145	145	145	145						*	*	145	145		*																		
166	145	145	145	145	145						*	*	145	145		*																		
178	145	145	145	145	145						*	*	145	145		*																		
190	145	145	145	145	145						*	*	145	145		*																		
200					145						*	*				*																		
205	250	250	220	220							*	*	250			*																		
220	250	250	220	220							*	*	250			*																		
235	250	250	220	220							*	*	250			*																		
250	250	250	220	220							*	*	250			*																		
270	250	250	220	220							*	*	250			*																		
290	250	250	220	220							*	*	250			*																		
400											*	*	300			*																		

on request

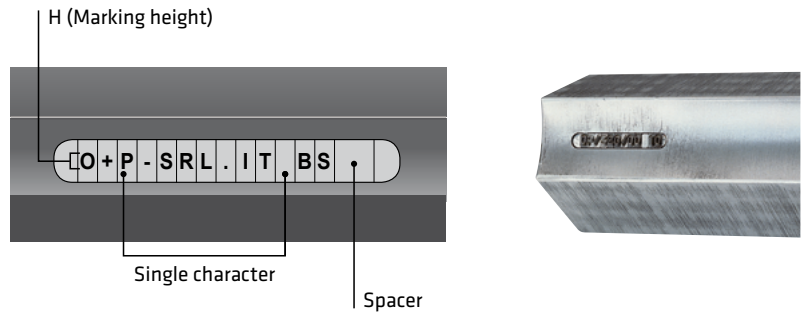


Service

Diameter mm	Service															
	H83/EEL	H83/EPM	H83/EPI	H83/E12V	H64 PM	H47/E EL	H47 PM	H47 PI	H47 E	H25 PI	H25	J67 EL	TNT8			
10	60	60	60	60	46	55	55	55	55	10	10	85	*			
12	60	60	60	60	46	55	55	55	55			85	*			
13										12	12		*			
14	60	60	60	60	46	55	55	55	55			85	*			
15																
16	60	60	60	60	46	55	55	55	55	15	15	85	*			
18																
19	60	60	60	60	55	55	55	55	55			85	*			
21																
22	60	60	60	60	55	55	55	55	55			85	*			
24																
25	60	60	60	60	55	65	65	65	65			85	*			
27																
29	70	70	70	70	60	65	65	65	65			85	*			
30																
33																
34	70	70	70	70	60							85	*			
36																
38	85	85	85	85	65							85	*			
39																
42	85	85	85	85	65							85	*			
45																
46	85	85	85	85	65							85	*			
48																
50					65							85	*			
51																
54					65							85	*			
58													*			
63													*			
69													*			
73													*			
77													*			
86													*			
90													*			
96													*			
103													*			
106													*			
111													*			
116													*			
121													*			
126													*			
131													*			
136													*			
146													*			
156													*			
166													*			
178													*			
190													*			
200													*			
205													*			
220													*			
235													*			
250													*			
270													*			
290													*			
400													*			

MARKING DIES

They allow the marking of the ferrule during the crimping operation.



It is possible to buy a single character or multiple spacers.

Examples of hose marking



AVAILABLE DIAMETERS

- For crimping machines **H** models
 - Ø 12 - 14 mm H 1,5 mm
 - Ø 16 - 19 - 22 - 25 - 29 mm H 2 mm
 - Ø 34 - 38 - 42 - 46 - 50 - 54 - 58 - 63 - 69 - 73 mm H 3 mm
- For crimping machines **V** models
 - Ø 12 - 14 mm H 1,5 mm
 - Ø 16 - 19 - 22 - 25 - 29 mm H 2 mm
 - Ø 34 - 38 - 42 - 46 - 50 - 54 - 58 - 63 - 69 - 73 - 77 - 86 mm H 3 mm
- For crimping machine **H144** and **H170EL**
 - Ø 103 - 106 - 111 - 116 - 121 - 131 mm H 4 mm
- For crimping machines **V160** and **V159**
 - Ø 103 - 106 - 111 - 116 - 121 - 126 - 131 mm H 4 mm

SPECIAL DIES

Besides standard dies, O+P provides other types of dies such as:



INTERLOCK DIES Longer than the standard dies, suitable for crimping Interlock ferrules.



SPECIAL DIES Profiles and dimensions upon customer request.



TUBOMATIC V350 ES

CRIMPING (HIGH VOLUME CRIMPING)

Code: TUBV350ES

With a crimping force of 1000 ton, **Tubomatic V350 ES** crimping machine is able to crimp industrial hoses up to 10" with big flanges, but it can also be used for crimping insulators and rebar couplers that require a high crimping force.

MAIN FEATURES

- ES4 Siemens PLC control with 7" color touch-screen display
- Self lubricating moving components;
- Silent pump;
- Particularly narrow crimping head to crimp hose ends with large flanges or 90° fittings;
- Back limit switch;
- Protractor for orientation fittings;



TECHNICAL DATA	
CRIMPING FORCE	1100 US TONS
6 SPIRALS 2 PIECES	3"
INDUSTRIAL HOSE	12" *
MAX Ø	13.780"
DIE OPENING	Ø + 6.102"
VOLTAGE	Any 60HZ 3PH
CLOSING SPEED	0.276"/sec
CRIMPING SPEED	0.039"/sec
OPENING SPEED	1.575"/sec
MOTOR POWER	15 Kw (20 Hp) - A= 27.80
DIMENSIONS LxWxH	116.929"x68.898"x64.960"
WEIGHT WITHOUT OIL	22046 Lbs
OIL	300 Lt.
POWER PACK LxWxH	49.015"x29.724"x53.936"
WEIGHT POWER PACK	1020.74 Lbs

INCLUDED ACCESSORIES	
BACK LIMIT SWITCH	
ELECTRONIC CONTROL WITH TOUCH SCREEN - ES4	
PROTRACTOR FOR ORIENTATION FITTINGS	
SERVICE COUNTER	
HYDRAULIC POWER PACK INCLUDED, SEPARATED FROM THE MACHINE	
INDUSTRIAL HOSE CRIMP CALCULATOR	

OPTIONAL	
CRIMPING THROUGH PRESSURE CONTROL	INDUSTRY 4.0 KIT
CRIMPING SPEED CONTROL SYSTEM	CRIMPING DIAMETER SELF CORRECTION
QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL	DATA SAVE ON CSV FILE
MULTISTEP CRIMPING DIAMETERS	
BARCODE	WEBCAM
CONNECTION TO PC	
DISPENSER + STANDARD QUICK CHANGE	
ELECTRIC PEDAL	
MARKING DIES (15 CHAR.)	
SPECIAL DIES	
SIDE HOLDER TABLE	
SPECIAL VOLTAGES AVAILABLE	
FRONT AND REAR PROTECTION NET WITH ACTIVATION LIMIT SWITCH	

* WITH SPECIAL DIES

Product specifications could be modified without prior notice.



TUBOMATIC V340 ES

CRIMPING (HIGH VOLUME CRIMPING)

Code: TUBV340ES

With a crimping force of 830 ton, **Tubomatic V340 ES** crimping machine is able to crimp industrial hoses up to 10" with big flanges, but it can also be used for crimping insulators and rebar couplers that require a high crimping force.

MAIN FEATURES

- ES4 Siemens PLC control with 7" color touch-screen display
- Self lubricating moving components;
- Silent pump;
- Particularly narrow crimping head to crimp hose ends with large flanges or 90° fittings;
- Back limit switch;
- Protractor for orientation fittings;
- Mobile control board.



TECHNICAL DATA	
CRIMPING FORCE	914 US TONS
6 SPIRALS 2 PIECES	3"
INDUSTRIAL HOSE	12" *
MAX Ø	13.780"
DIE OPENING	Ø + 6.102"
VOLTAGE	Any 60HZ 3PH
CLOSING SPEED	0.354"/sec
CRIMPING SPEED	0.039"/sec
OPENING SPEED	1.732"/sec
MOTOR POWER	11 Kw (15 Hp) - A= 20.76
DIMENSIONS LxWxH	62.480"x 41.929"x 104.004"
WEIGHT WITHOUT OIL	(15432 Lbs)
OIL	300 Lt.
POWER PACK LxWxH	49.055"x26.378"x50"

INCLUDED ACCESSORIES	
BACK LIMIT SWITCH	
ELECTRONIC CONTROL WITH TOUCH SCREEN - ES4	
PROTRACTOR FOR ORIENTATION FITTINGS	
SERVICE COUNTER	
HYDRAULIC POWER PACK INCLUDED, SEPARATED FROM THE MACHINE	
INDUSTRIAL HOSE CRIMP CALCULATOR	

OPTIONAL	
CRIMPING THROUGH PRESSURE CONTROL	INDUSTRY 4.0 KIT
CRIMPING SPEED CONTROL SYSTEM	CRIMPING DIAMETER SELF CORRECTION
QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL	DATA SAVE ON CSV FILE
MULTISTEP CRIMPING DIAMETERS	
BARCODE	WEBCAM
CONNECTION TO PC	
DISPENSER + STANDARD QUICK CHANGE	
ELECTRIC PEDAL	
MARKING DIES (15 CHAR.)	
SPECIAL DIES	
SIDE HOLDER TABLE	
SPECIAL VOLTAGES AVAILABLE	
FRONT AND REAR PROTECTION NET WITH ACTIVATION LIMIT SWITCH	



TUBOMATIC V300 ES

CRIMPING (HIGH VOLUME CRIMPING)

Code: TUBV300ES

With a crimping force of 660 ton, **Tubomatic V300 ES** crimping machine is able to crimp industrial hoses up to 10" with big flanges, but it can also be used for crimping insulators and rebar couplers that require a high crimping force.

MAIN FEATURES

- ES4 Siemens PLC control with 7" color touch-screen display;
- Self lubricating moving components;
- Silent pump;
- Particularly narrow crimping head to crimp hose ends with large flanges or 90° fittings;
- Back limit switch;
- Protractor for orientation fittings;
- Mobile control board.



TECHNICAL DATA	
CRIMPING FORCE	725 US TONS
6 SPIRALS 2 PIECES	3"
INDUSTRIAL HOSE	12" *
MAX Ø	13.780"
DIE OPENING	Ø + 6.102"
VOLTAGE	Any 60HZ 3PH
CLOSING SPEED	0.354"/sec
CRIMPING SPEED	0.039"/sec
OPENING SPEED	1.574"/sec
MOTOR POWER	7.5 Kw (10 Hp) - A= 14.39
DIMENSIONS LxWxH	(60.236"x39.173"x96.456")
WEIGHT WITHOUT OIL	13476 Lbs
OIL	300 Lt.
POWER PACK LxWxH	49.150"x26.772"x49.780"

INCLUDED ACCESSORIES	
BACK LIMIT SWITCH	
ELECTRONIC CONTROL WITH TOUCH SCREEN - ES4	
PROTRACTOR FOR ORIENTATION FITTINGS	
SERVICE COUNTER	
HYDRAULIC POWER PACK INCLUDED, SEPARATED FROM THE MACHINE	
INDUSTRIAL HOSE CRIMP CALCULATOR	

OPTIONAL	
CRIMPING THROUGH PRESSURE CONTROL	INDUSTRY 4.0 KIT
CRIMPING SPEED CONTROL SYSTEM	CRIMPING DIAMETER SELF CORRECTION
QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL	DATA SAVE ON CSV FILE
MULTISTEP CRIMPING DIAMETERS	
BARCODE	WEBCAM
CONNECTION TO PC	
DISPENSER + STANDARD QUICK CHANGE	
ELECTRIC PEDAL	
MARKING DIES (15 CHAR.)	
SPECIAL DIES	
SIDE HOLDER TABLE	
SPECIAL VOLTAGES AVAILABLE	
FRONT AND REAR PROTECTION NET WITH ACTIVATION LIMIT SWITCH	

* WITH SPECIAL DIES

Product specifications could be modified without prior notice.



TUBOMATIC V340I ES - V300I ES

CRIMPING (HIGH VOLUME CRIMPING)

Code: TUBV340IES - TUBV300IES

Tubomatic **V340I ES** and **V300I ES** are ideal for crimping industrial hoses up to 10" with big flanges.

MAIN FEATURES

- ES4 Siemens PLC control with 7" color touch-screen display;
- Self lubricating moving components;
- Silent pump;
- Particularly narrow crimping head to crimp hose ends with large flanges or 90° fittings;
- Back limit switch;
- Hydraulic power pack included.
- Mobile control board.



TECHNICAL DATA		
V340IES - CRIMPING FORCE	914 US TONS	
V300IES - CRIMPING FORCE	725 US TONS	
V340IES - 6 SPIRALS 2 PIECES		3"
V300IES - 6 SPIRALS 2 PIECES		
V340IES - INDUSTRIAL HOSE		12" *
V300IES - INDUSTRIAL HOSE		
V340IES - MAX Ø		13.780"
V300IES - MAX Ø		
V340IES - DIE OPENING		Ø + 6.102"
V300IES - DIE OPENING		
V340IES - VOLTAGE		Any 60HZ 3PH
V300IES - VOLTAGE		
V340IES - MOTOR POWER	11 Kw (15 Hp) - A= 20.76	
V300IES - MOTOR POWER	7.5 Kw (10 Hp) - A= 14.39	
V340IES - DIMENSIONS LxWxH	47.244"x37.402"x81.890"	
V300IES - DIMENSIONS LxWxH		
V340IES - WEIGHT WITHOUT OIL		Lbs 11541
V340IES - OIL		300 Lt.
V300IES - OIL		
V340IES - POWER PACK LxWxH	36.417"x26.339"x51.732"	
V300IES - POWER PACK LxWxH	36.417"x26.339"x49.921"	
V340IES - POWER PACK WEIGHT		Lbs 871
V300IES - POWER PACK WEIGHT		

INCLUDED ACCESSORIES		
BACK LIMIT SWITCH		
ELECTRONIC CONTROL WITH TOUCH SCREEN - ES4		
PROTRACTOR FOR ORIENTATION FITTINGS		
SERVICE COUNTER		
HYDRAULIC POWER PACK INCLUDED, SEPARATED FROM THE MACHINE		
INDUSTRIAL HOSE CRIMP CALCULATOR		

OPTIONAL		
CRIMPING THROUGH PRESSURE CONTROL		INDUSTRY 4.0 KIT
CRIMPING SPEED CONTROL SYSTEM		CRIMPING DIAMETER SELF CORRECTION
QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL		DATA SAVE ON CSV FILE
MULTISTEP CRIMPING DIAMETERS		
BARCODE		WEBCAM
CONNECTION TO PC		
DISPENSER + STANDARD QUICK CHANGE		
ELECTRIC PEDAL		
MARKING DIES (15 CHAR.)		
SPECIAL DIES		
SIDE HOLDER TABLE		
SPECIAL VOLTAGES AVAILABLE		
FRONT AND REAR PROTECTION NET WITH ACTIVATION LIMIT SWITCH		

* WITH SPECIAL DIES

Product specifications could be modified without prior notice.



TUBOMATIC V250 IES

CRIMPING (HIGH VOLUME CRIMPING)

Code: TUBV250IES

Tubomatic V250 IES volume crimping machine is ideal for crimping hydraulic hoses up to 3" six spirals and industrial hose up to 10" (with special dies).

MAIN FEATURES

- ES4 Siemens PLC control with 7" color touch-screen display;
- Self lubricating moving components;
- Silent pump;
- Particularly narrow crimping head to crimp hose ends with large flanges or 90° fittings;
- Back limit switch;
- Protractor for orientation fittings;
- Hydraulic power pack included.



TECHNICAL DATA	
CRIMPING FORCE	551 US TONS
6 SPIRALS 2 PIECES	3"
INDUSTRIAL HOSE	10" *
MAX Ø	(10.630")
CRIMPING/HOUR	1000 ■
CLOSING SPEED	0.563"/sec
CRIMPING SPEED	0.063"/sec
OPENING SPEED	0.854"/sec
DIE OPENING	(Ø + 5.906")
VOLTAGE	Any 60HZ 3PH
MOTOR POWER	11 Kw (15 Hp) - A= 20.76
DIMENSIONS LxWxH	53.150"x26.181"x71.850"
WEIGHT WITHOUT OIL	6717 Lbs
OIL	300 Lt.
POWER PACK LxWxH	53.150"x26.181"x74.213"
POWER PACK WEIGHT	694 Lbs)

INCLUDED ACCESSORIES	
BACK LIMIT SWITCH	
ELECTRONIC CONTROL WITH TOUCH SCREEN - ES4	
PROTRACTOR FOR ORIENTATION FITTINGS	
SERVICE COUNTER	
HYDRAULIC POWER PACK INCLUDED, SEPARATED FROM THE MACHINE	
INDUSTRIAL HOSE CRIMP CALCULATOR	

OPTIONAL	
CRIMPING THROUGH PRESSURE CONTROL	INDUSTRY 4.0 KIT
CRIMPING SPEED CONTROL SYSTEM	CRIMPING DIAMETER SELF CORRECTION
QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL	DATA SAVE ON CSV FILE
MULTISTEP CRIMPING DIAMETERS	
BARCODE	WEBCAM
CONNECTION TO PC	
DISPENSER + PATENTED QUICK CHANGE	
ELECTRIC PEDAL	
MARKING DIES (15 CHAR.)	
SPECIAL DIES	
SIDE HOLDER TABLE	
SPECIAL VOLTAGES AVAILABLE	
FRONT AND REAR PROTECTION NET WITH ACTIVATION LIMIT SWITCH	

* THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE | * WITH SPECIAL DIES
Product specifications could be modified without prior notice.



TUBOMATIC V160 IES

CRIMPING (HIGH VOLUME CRIMPING)

Codice-Code: TUBV160IES

Tubomatic V160IES volume crimping machine is ideal for crimping hydraulic hoses up to 3" six spirals and industrial hose up to 6" (with special dies).

MAIN FEATURES

- ES4 Siemens PLC control with 7" color touch-screen display
- Self lubricating moving components;
- Silent pump;
- Particularly narrow crimping head to crimp hose ends with large flanges or 90° fittings;
- Back limit switch;
- Protractor for orientation fittings;
- Hydraulic power pack included.



TECHNICAL DATA	
CRIMPING FORCE	386 US TONS
6 SPIRALS 2 PIECES	3"
INDUSTRIAL HOSE	6" *
MAX Ø	8.386" (with dies of Ø 131 mm)
CRIMPING/HOUR	850 [■]
CLOSING SPEED	0.661"/sec
CRIMPING SPEED	0.075"/sec
OPENING SPEED	2.165"/sec
DIE OPENING	Ø + 5.118"
STANDARD VOLTAGE	Any 60HZ 3PH
MOTOR POWER	7,5 Kw (10 Hp) - A= 14.39
DIMENSIONS LxWxH	41.771"x34.488"x76.220"
WEIGHT WITHOUT OIL	4916 Lbs
OIL	180 Lt.

INCLUDED ACCESSORIES	
BACK LIMIT SWITCH	
ELECTRONIC CONTROL WITH TOUCH SCREEN - ES4	
PROTRACTOR FOR ORIENTATION FITTINGS	
SERVICE COUNTER	
HYDRAULIC POWER PACK INCLUDED, SEPARATED FROM THE MACHINE	
INDUSTRIAL HOSE CRIMP CALCULATOR	

OPTIONAL	
CRIMPING THROUGH PRESSURE CONTROL	INDUSTRY 4.0 KIT
CRIMPING SPEED CONTROL SYSTEM	CRIMPING DIAMETER SELF CORRECTION
QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL	DATA SAVE ON CSV FILE
MULTISTEP CRIMPING DIAMETERS	
BARCODE	WEBCAM
CONNECTION TO PC	
DISPENSER + PATENTED QUICK CHANGE	
ELECTRIC PEDAL	
MARKING DIES (15 CHAR.)	
SPECIAL DIES	
SIDE HOLDER TABLE	
SPECIAL VOLTAGES AVAILABLE	
FRONT AND REAR PROTECTION NET WITH ACTIVATION LIMIT SWITCH	

* THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE | * WITH SPECIAL DIES
Product specifications could be modified without prior notice.



TUBOMATIC V159 ES

CRIMPING (HIGH VOLUME CRIMPING)

Codice-Code: TUBV159ES

Tubomatic V159ES volume crimping machine is ideal for crimping hydraulic hoses up to 2"1/2 six spirals and industrial hose up to 6" (with special dies).

MAIN FEATURES

- ES4 Siemens PLC control with 7" color touch-screen display;
- Self lubricating moving components;
- Silent pump;
- "6 o'clock fixed position" of the die for greater stability of the hose during crimping;
- Particularly narrow crimping head to crimp hose ends with large flanges or 90° fittings;
- Back limit switch;
- Protractor for orientation fittings;
- Hydraulic power pack included.



TECHNICAL DATA	
CRIMPING FORCE	330 US TONS
6 SPIRALS 2 PIECES	2" 1/2
INDUSTRIAL HOSE	6" *
MAX Ø	6.260"
CRIMPING/HOUR	2400 [■]
CLOSING SPEED	0.866"/sec
CRIMPING SPEED	0.905"/sec
OPENING SPEED	0.984"/sec
DIE OPENING	Ø + 2.756"
VOLTAGE	Any 60HZ 3PH
MOTOR POWER	5.5 Kw (7.5 Hp) - A= 10.64
DIMENSIONS LxWxH	39.370"x45.669"x63.622"
WEIGHT WITHOUT OIL	3750 Lbs
OIL	185 Lt.

INCLUDED ACCESSORIES	
BACK LIMIT SWITCH	
ELECTRONIC CONTROL WITH TOUCH SCREEN - ES4	
PROTRACTOR FOR ORIENTATION FITTINGS	
BACK MIRROR	
SERVICE COUNTER	

OPTIONAL	
CRIMPING THROUGH PRESSURE CONTROL	INDUSTRY 4.0 KIT
CRIMPING SPEED CONTROL SYSTEM	CRIMPING DIAMETER SELF CORRECTION
QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL	DATA SAVE ON CSV FILE
MULTISTEP CRIMPING DIAMETERS	
BARCODE	WEBCAM
CONNECTION TO PC	
DISPENSER + PATENTED QUICK CHANGE	
ELECTRIC PEDAL	
MARKING DIES (15 CHAR.)	
SPECIAL DIES	
SIDE HOLDER TABLE	
SPECIAL VOLTAGE AVAILABLE	
FRONT AND REAR PROTECTION NET WITH ACTIVATION LIMIT SWITCH	

[■] THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE | * WITH SPECIAL DIES
Product specifications could be modified without prior notice.



TUBOMATIC V150 ES

CRIMPING (HIGH VOLUME CRIMPING)

Code: **TUBV150ES**

Tubomatic V150ES volume crimping machine is ideal for crimping hydraulic hoses up to 2" 1/2 six spirals and industrial hose up to 4" (with special dies).

MAIN FEATURES

- ES4 Siemens PLC control with 7" color touch-screen display;
- Self lubricating moving components;
- Silent pump;
- Particularly narrow crimping head to crimp hose ends with large flanges or 90° fittings;
- Back limit switch;
- Protractor for orientation fittings;
- Hydraulic power pack included.



TECHNICAL DATA	
CRIMPING FORCE	340 US TONS
6 SPIRALS 2 PIECES	2 1/2"
4 SPIRALS 2 PIECES	-
2 SPIRALS	-
INDUSTRIAL HOSE	4"
MAX Ø	4.645"
CRIMPING/HOUR	1365 ¹
CLOSING SPEED	0.472"/sec
CRIMPING SPEED	0.086"/sec
OPENING SPEED	1.377"/sec
DIE OPENING	Ø + 2.755"
VOLTAGE	Any 60HZ 3PH
MOTOR POWER	5.5 Kw (7 Hp) - A= 10.74
DIMENSIONS LxWxH	36.220"x28.740"x63.188"
WEIGHT WITHOUT OIL	2707 Lbs
OIL	220 lt.
POWER PACK LxWxH	34.055" x 28.937" x 45.669"
WEIGHT POWER PACK	645.95 Lbs

INCLUDED ACCESSORIES	
BACK LIMIT SWITCH	
ELECTRONIC CONTROL WITH TOUCH SCREEN - ES4	
PROTRACTOR FOR ORIENTATION FITTINGS	
BACK MIRROR	
SERVICE COUNTER	
HYDRAULIC POWER PACK INCLUDED, SEPARATED FROM THE MACHINE	

OPTIONAL	
CRIMPING THROUGH PRESSURE CONTROL	INDUSTRY 4.0 KIT
CRIMPING SPEED CONTROL SYSTEM	CRIMPING DIAMETER SELF CORRECTION
QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL	DATA SAVE ON CSV FILE
MULTISTEP CRIMPING DIAMETERS	
BARCODE	WEBCAM
CONNECTION TO PC	
DISPENSER + PATENTED QUICK CHANGE	
ELECTRIC PEDAL	
MARKING DIES (15 CHAR.)	
SPECIAL DIES	
SIDE HOLDER TABLE	
SPECIAL VOLTAGE AVAILABLE	
FRONT AND REAR PROTECTION NET WITH ACTIVATION LIMIT SWITCH	

¹ THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE | * WITH SPECIAL DIES
Product specifications could be modified without prior notice.



TUBOMATIC V59 ES

CRIMPING (HIGH VOLUME CRIMPING)

Code: TUBV59ES

Tubomatic V59 ES volume crimping machine is ideal for crimping hydraulic hoses up to 1" six spirals and 1" 1/4 four spirals.

MAIN FEATURES

- ES4 Siemens PLC control with 7" color touch-screen display;
- Self lubricating moving components;
- Silent pump;
- "6 o'clock fixed position" of the die for greater stability of the hose during crimping;
- Particularly narrow crimping head to crimp hose ends with large flanges or 90° fittings;
- Back limit switch
- Protractor for orientation fittings;
- Hydraulic power pack included.



TECHNICAL DATA	
CRIMPING FORCE	155 US TONS
6 SPIRALS 2 PIECES	1"
4 SPIRALS 2 PIECES	1" 1/4
2 BRAIDS 2 PIECES	1" 1/2*
INDUSTRIAL HOSE	-
MAX Ø	♦ (2.638")
CRIMPING/HOUR	3900 ■
CLOSING SPEED	0.457"/sec
CRIMPING SPEED	0.216"/sec
OPENING SPEED	0.457"/sec
DIE OPENING	Ø + 1.970"
VOLTAGE	Any 60HZ 3PH
MOTOR POWER	5.5 Kw (7.5 Hp) - A= 10.64
DIMENSIONS LxWxH	25.984"x28.346"x58.661"
WEIGHT WITHOUT OIL	1199 Lbs
OIL	70 Lt.

INCLUDED ACCESSORIES	
BACK LIMIT SWITCH	
ELECTRONIC CONTROL WITH TOUCH SCREEN - ES4	
PROTRACTOR FOR ORIENTATION FITTINGS	
BACK MIRROR	
SERVICE COUNTER	

OPTIONAL	
CRIMPING THROUGH PRESSURE CONTROL	INDUSTRY 4.0 KIT
CRIMPING SPEED CONTROL SYSTEM	CRIMPING DIAMETER SELF CORRECTION
QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL	DATA SAVE ON CSV FILE
MULTISTEP CRIMPING DIAMETERS	
BARCODE	WEBCAM
CONNECTION TO PC	
DISPENSER + PATENTED QUICK CHANGE	
ELECTRIC PEDAL	
MARKING DIES (15 CHAR.)	
SPECIAL DIES	
SIDE HOLDER TABLE	
SPECIAL VOLTAGE AVAILABLE	
FRONT AND REAR PROTECTION NET WITH ACTIVATION LIMIT SWITCH	

* WITH SPECIAL DIES | * WITH SPECIAL DIES Ø 54 MM UPON REQUEST | * THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE
 Product specifications could be modified without prior notice.



TUBOMATIC V59/E ES

CRIMPING (HIGH VOLUME CRIMPING)

Code: **TUBV59EES**

Tubomatic V59 ES volume crimping machine is ideal for crimping hydraulic hoses up to 1" six spirals and 1"¼ four spirals.

MAIN FEATURES

- ES3 control with 5.7" color touch-screen display;
- Self lubricating moving components;
- Silent pump;
- Particularly narrow crimping head to crimp hose ends with large flanges or 90° fittings;
- Hydraulic power pack separated from the machine.



TECHNICAL DATA	
CRIMPING FORCE	155 US TONS
6 SPIRALS 2 PIECES	1"
4 SPIRALS 2 PIECES	1" 1/4
2 SPIRALS	1" 1/2*
INDUSTRIAL HOSE	-
MAX Ø	♦ (2.638")
CRIMPING/HOUR	1363 ■
CLOSING SPEED	0.212"/sec
CRIMPING SPEED	0.212"/sec
OPENING SPEED	0.504"/sec
DIE OPENING	Ø + 1.970"
VOLTAGE	Any 60HZ 3PH
MOTOR POWER	5.5 Kw (7.5 Hp) - A= 10.64
DIMENSIONS LxWxH	31.496"x25.591"x55.118"
WEIGHT WITHOUT OIL	1261 Lbs
OIL	45 Lt.
POWER PACK LxWxH	25.197"x24.409"x29.331"
WEIGHT POWER PACK	243 Lbs

INCLUDED ACCESSORIES	
ELECTRONIC CONTROL WITH TOUCH SCREEN - ES3	
HYDRAULIC POWER PACK INCLUDED, SEPARATED FROM THE MACHINE	

OPTIONAL	
CRIMPING THROUGH PRESSURE CONTROL	
CRIMPING SPEED CONTROL SYSTEM	
USB KIT	
QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL	
MULTISTEP CRIMPING DIAMETERS	
DISPENSER + STANDARD QUICK CHANGE	
BACK LIMIT SWITCH	
BACK MIRROR	
ELECTRIC PEDAL	
MARKING DIES (15 CHAR.)	
SPECIAL DIES	
SIDE HOLDER TABLE	
SPECIAL VOLTAGE AVAILABLE	
FRONT AND REAR PROTECTION NET WITH ACTIVATION LIMIT SWITCH	

* WITH SPECIAL DIES | * WITH SPECIAL DIES Ø 54 MM UPON REQUEST | * THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE

Product specifications could be modified without prior notice.



TUBOMATIC N120 ES - N120 EL

CRIMPING (HIGH VOLUME CRIMPING)

Code: TUBN120ES - TUBN120EL

Tubomatic N120ES and N120EL are particularly quick and high volume crimping machines, ideal for crimping nuts for flexible hose fittings: they can also be used for further applications such as high/low pressure cables and hoses up to a diameter of 120 mm (4.724").

MAIN FEATURES

- ES4 Siemens PLC control with 7" color touch-screen display (for N120 ES);
- Silent pump;
- Vertical working position.



< N120EL

TECHNICAL DATA



CRIMPING FORCE	90 US TONS
MAX Ø	4.724"
CRIMPING/HOUR	2500
DIE OPENING	Ø + 0.945"
VOLTAGE	Any 60HZ 3PH
MOTOR POWER	4 Kw (5.5 Hp)
DIMENSIONS LxWxH	42.520"x31.890"x50.787"
CLOSING SPEED	0.335"/sec
CRIMPING SPEED	0.106"/sec
OPENING SPEED	3.642"/sec
WEIGHT WITHOUT OIL (EL)	1003 Lbs
OIL	65 lt

INCLUDED ACCESSORIES



ELECTRONIC CONTROL WITH TOUCH SCREEN - ES4	
ELECTRO-MECHANICAL CONTROL (EL)	
VERNIER DIAL (EL)	
SERVICE COUNTER (ES)	

OPTIONAL



CRIMPING THROUGH PRESSURE CONTROL	INDUSTRY 4.0 KIT
CRIMPING SPEED CONTROL SYSTEM	CRIMPING DIAMETER SELF CORRECTION
QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL	DATA SAVE ON CSV FILE

MULTISTEP CRIMPING DIAMETERS

BARCODE (ES)		WEBCAM (ES)	
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CONNECTION TO PC		
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AUTOMATIC LUBRICATING SYSTEM (ES-EL)	
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DISPENSER + STANDARD QUICK CHANGE (ES-EL)	
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ELECTRIC PEDAL (ES)	
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ELECTRIC PEDAL (EL)	
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MARKING DIES (15 CHAR.) (ES-EL)	
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SPECIAL DIES (ES-EL)	
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SPECIAL VOLTAGE AVAILABLE	
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* WITH SPECIAL DIES Ø 104 MM UPON REQUEST | * THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE

Product specifications could be modified without prior notice.



TUBOMATIC S500 ES

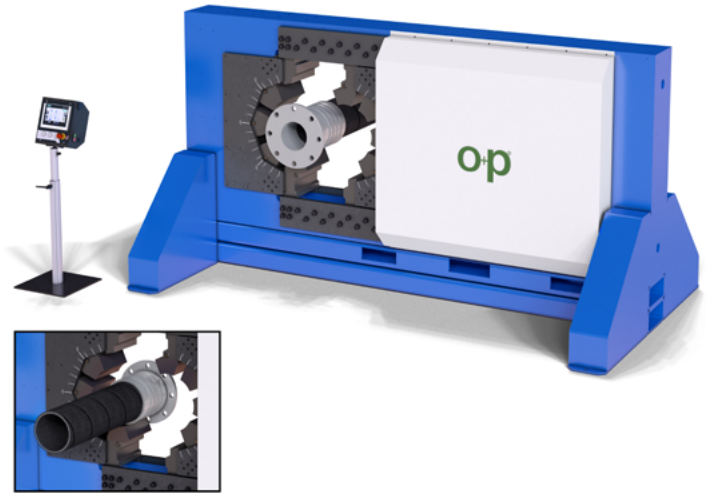
CRIMPING (HIGH VOLUME CRIMPING)

Code: TUBS500HES

With a maximum opening of 500 mm (19.686") with respect to the diameter to be crimped, **S500 ES** crimping machine is able to crimp industrial hoses up to 12" with big flanges, thanks to the extra stroke of its dies holders.

MAIN FEATURES

- ES4 Siemens PLC control with 7" color touch-screen display
- Self lubricating moving components;
- Silent pump;
- "6 o'clock fixed position" of the die for greater stability of the hose during crimping;
- Particularly narrow crimping head to crimp hose ends with large flanges or 90° fittings;
- Back limit switch;
- Protractor for orientation fittings;
- Hydraulic power pack included;
- Mobile control board.



TECHNICAL DATA	
CRIMPING FORCE	914 US TONS
6 SPIRALS 2 PIECES	3"
INDUSTRIAL HOSE	12"
MAX Ø	19.685"
DIE OPENING	Ø + 5.511"
MACHINE EXTRA STROKE	Ø + 19.685"
CLOSING SPEED	0.354"/sec
CRIMPING SPEED	0.039"/sec
OPENING SPEED	1.732"/sec
VOLTAGE	Any 60HZ 3PH
MOTOR POWER	11 Kw (20 Hp) - A= 21.96
DIMENSIONS L x W x H	127.953"x70.866"x66.929"
WEIGHT WITHOUT OIL	25684 Lbs
OIL	300 lt
POWER PACK LxWxH	49.055"x26.339"x49.961"

INCLUDED ACCESSORIES	
ELECTRONIC CONTROL WITH TOUCH SCREEN - ES4	
PROTRACTOR FOR ORIENTATION FITTINGS	
SERVICE COUNTER (ES)	
HYDRAULIC POWER PACK INCLUDED, SEPARATED FROM THE MACHINE	
INDUSTRIAL HOSE CRIMP CALCULATOR	

OPTIONAL	
CRIMPING THROUGH PRESSURE CONTROL	INDUSTRY 4.0 KIT
CRIMPING SPEED CONTROL SYSTEM	CRIMPING DIAMETER SELF CORRECTION
QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL	DATA SAVE ON CSV FILE
MULTISTEP CRIMPING DIAMETERS	
BARCODE (ES)	WEBCAM (ES)
CONNECTION TO PC	
DISPENSER + STANDARD QUICK CHANGE	
ELECTRIC PEDAL (ES)	
MARKING DIES (15 CHAR.) (ES-EL)	
SPECIAL DIES (ES-EL)	
SPECIAL VOLTAGE AVAILABLE	
BACK LIMIT SWITCH	
SIDE HOLDER TABLE	

*SPECIAL DIES BETWEEN Ø 290 AND Ø 400 MM UPON REQUEST
Product specifications could be modified without prior notice.



TUBOMATIC S220 ES

CRIMPING (HIGH VOLUME CRIMPING)

Code: TUBS220ES

With a maximum opening of 220 mm (8.661") with respect to the diameter to be crimped, **S220 ES** crimping machine is able to crimp industrial hoses up to 10" with big flanges, thanks to the extra stroke of its dies holders.

MAIN FEATURES

- ES4 Siemens PLC control with 7" color touch-screen display;
- Self lubricating moving components;
- Silent pump;
- "6 o'clock fixed position" of the die for greater stability of the hose during crimping;
- Particularly narrow crimping head to crimp hose ends with large flanges or 90° fittings;
- Back limit switch;
- Protractor for orientation fittings;
- Hydraulic power pack included.



TECHNICAL DATA	
CRIMPING FORCE	470 US TONS
6 SPIRALS 2 PIECES	3"
INDUSTRIAL HOSE	10"
MAXIMUM Ø	8.661"
MACHINE EXTRA STROKE	Ø + 12.204"
CRIMPING / HOUR	1200
CLOSING SPEED	0.650"/sec
CRIMPING SPEED	0.071"/sec
OPENING SPEED	0.937"/sec
DIE OPENING	Ø + 2.631"
VOLTAGE	Any 60HZ 3PH
MOTOR POWER	11 Kw (15 Hp) - A= 21.96
DIMENSIONS	47.28"x46.1"x88.65"
WEIGHT WITHOUT OIL	7165 Lbs
OIL	300 lt.
POWER PACK LxWxH	37.575"x26.339"x51.732"
WEIGHT POWER PACK	694.49 Lbs

INCLUDED ACCESSORIES	
DOUBLE EFFECT CYLINDER	
BACK LIMIT SWITCH	
ELECTRONIC CONTROL WITH TOUCH SCREEN - ES4	
PROTRACTOR FOR ORIENTATION FITTINGS	
SERVICE COUNTER	
HYDRAULIC POWER PACK INCLUDED, SEPARATED FROM THE MACHINE	
INDUSTRIAL HOSE CRIMP CALCULATOR	

OPTIONAL	
CRIMPING THROUGH PRESSURE CONTROL	INDUSTRY 4.0 KIT
CRIMPING SPEED CONTROL SYSTEM	CRIMPING DIAMETER SELF CORRECTION
QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL	DATA SAVE ON CSV FILE
MULTISTEP CRIMPING DIAMETERS	
BARCODE	WEBCAM
CONNECTION TO PC	
DISPENSER + PATENTED QUICK CHANGE	
ELECTRIC PEDAL	
MARKING DIES (15 CHAR.)	
SPECIAL DIES	
SIDE HOLDER TABLE	
SPECIAL VOLTAGE AVAILABLE	

* ACCORDING TO THE FITTING | * WITH SPECIAL DIES

Product specifications could be modified without prior notice.



TUBOMATIC S77 ES

CRIMPING (HIGH VOLUME CRIMPING)

Code: TUBS77ES

Tubomatic S77 ES was especially designed to crimp hoses having tight and complex bends thanks to a frontal rift which facilitates hose passage thus increasing productivity. This peculiarity becomes especially useful in the automotive industry, where the combined use of flexible hoses and tubing is becoming more and more common.

However, it can also be used for crimping complex flexible hydraulic hoses up to a diameter of 95 mm (3.740").

MAIN FEATURES

- ES4 Siemens PLC control with 7" color touch-screen display;
- Self lubricating moving components;
- Silent pump;
- "6 o'clock fixed position" of the die for greater stability of the hose during couplings;
- Particularly narrow crimping head to crimp hose ends with large flanges or 90° fittings;
- Hydraulic power pack included.



TECHNICAL DATA	
CRIMPING FORCE	49 US TONS
MAX Ø	♦ (3.740")
CLOSING SPEED	0.925"/sec
CRIMPING SPEED	0.177"/sec
OPENING SPEED	1.260"/sec
CRIMPING/HOUR	2430 ■
DIE OPENING	Ø + 1.614"
MACHINE EXTRA STROKE	+ 3.661"
FRONTAL OPENING	3.150"
VOLTAGE	Any 60HZ 3PH
MOTOR POWER	2.2 Kw (3 Hp)
DIMENSIONS LxWxH	43.307"x35.433"x84.448"
WEIGHT WITHOUT OIL	2425 Lbs
OIL	100 Lt.

INCLUDED ACCESSORIES	
ELECTRONIC CONTROL WITH TOUCH SCREEN - ES4	
SERVICE COUNTER	

OPTIONAL	
CRIMPING THROUGH PRESSURE CONTROL	INDUSTRY 4.0 KIT
CRIMPING SPEED CONTROL SYSTEM	CRIMPING DIAMETER SELF CORRECTION
QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL	DATA SAVE ON CSV FILE
MULTISTEP CRIMPING DIAMETERS	
BARCODE	WEBCAM
CONNECTION TO PC	
DISPENSER + PATENTED QUICK CHANGE	
ELECTRIC PEDAL	
MARKING DIES (15 CHAR.)	
SPECIAL DIES	
SIDE HOLDER TABLE	
SPECIAL VOLTAGE AVAILABLE	

* WITH SPECIAL DIES Ø 54 MM UPON REQUEST | * THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE

Product specifications could be modified without prior notice.



TUBOMATIC S33 PI

CRIMPING (HIGH VOLUME CRIMPING)

Code: **TUBS33PI**

S33PI is a particularly quick high volume crimping machine, especially designed to crimp low pressure, brake and textile hoses up to a diameter of 37 mm (1.457").

MAIN FEATURES

- Air operated by air-oil multiplier;
- Wide crimping head for crimping hoses with complex bends;



TECHNICAL DATA	
CRIMPING FORCE (6bar)	9.92 US TONS
CRIMPING FORCE (9bar)	14.88 US TONS
HOSE	5/8"
MAXIMUM Ø	1.457"
MACHINE EXTRA STROKE	Ø + 1.969"
CLOSING SPEED	1.181"/sec
CRIMPING SPEED	3.937"/sec
OPENING SPEED	1.969"/sec
CLOSING TIME	1.7 sec
CRIMPING TIME	1.4 sec
CYCLE TIME	4.1 sec
DIE OPENING	Ø + 0.472"
FRONTAL OPENING	1.496"
AIR SUPPLY	9 bar max
DIMENSIONS LxWxH	(24.606"x14.173"x41.339")
WEIGHT	364 Lbs
CYLINDER	DOUBLE EFFECT

OPTIONAL						
	14	16.3	18	19.8	22	25.5
	26	26	26	26	26	26
PEDAL						



◀ **DIES**



◀ **HOSE CRIMPING SAMPLE**

Product specifications could be modified without prior notice.



TUBOMATIC H170 EL

CRIMPING (STANDARD VOLUME CRIMPING)

Code: TUBH170EL

Equipped with a wide opening, the **Tubomatic H170 EL** can crimp hydraulic hoses up to 4" with big flanges. It is ideal for crimping hydraulic hoses up to 2" 4 spirals.

MAIN FEATURES:

- ideal for crimping any type of fitting;
- new electronic device for managing the new electro-mechanical panel;
- warning LED for possible anomalies in the system;
- re-opening adjustment after crimping;
- settable crimping time.



◀ ELECTRO-MECHANICAL CONTROL

TECHNICAL DATA



CRIMPING FORCE	308 US TONS
6 SPIRALS 2 PIECES	1" 1/2
4SH 2 PIECES	2"
INDUSTRIAL HOSE	4"
MAX Ø	6.693"♦
CRIMPING/HOUR	865 ■
DIE OPENING	Ø + 61 mm
90° FITTINGS	2"
STANDARD VOLTAGE	375V-420V 50HZ 3PH
MOTOR POWER	5.5 Kw (7 Hp) - A= 10,74
DIMENSIONS LxWxH	32.284"x25.906"x32.992"
WEIGHT WITHOUT OIL	1102 Lbs
OIL	110 Lt.

INCLUDED ACCESSORIES



ELECTRO-MECHANICAL CONTROL	
VERNIER DIAL	

OPTIONAL



DISPENSER + PATENTED QUICK CHANGE	
BASE	
ELECTRIC PEDAL	
MARKING DIES (15 CHAR.)	
SPECIAL DIES	
BACK MIRROR	
CLEANING AND MAINTENANCE KIT	
SPECIAL VOLTAGES AVAILABLE	

* WITH SPECIAL DIES Ø 131 MM UPON REQUEST | ■ THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE

Product specifications could be modified without prior notice.



TUBOMATIC H144 ES

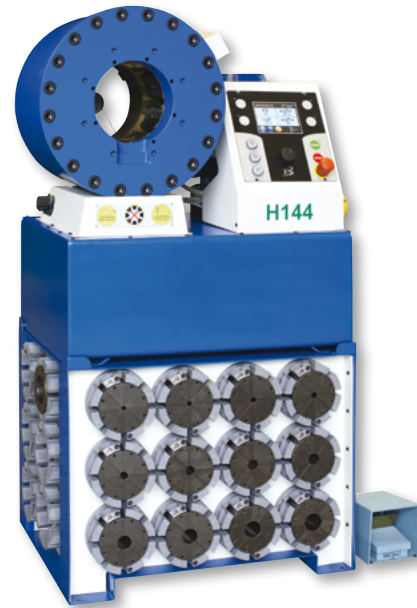
CRIMPING (STANDARD VOLUME CRIMPING)

Code: TUBH144ES

Tubomatic H144 ES is ideal for crimping hydraulic hoses up to 2" 1/2 six spirals and industrial hose up to 4".

MAIN FEATURES

- Ideal for crimping any type of fitting.
- ES3 Siemens PLC control with 5.7" color touch-screen display;
- Back limit switch.



◀ ES3 ELECTRONIC CONTROL WITH TOUCH SCREEN

OPTIONAL

CRIMPING SPEED CONTROL SYSTEM



PRESSURE CONTROL SYSTEM KIT



USB KIT



QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL



MULTISTEP CRIMPING DIAMETERS



DISPENSER + PATENTED QUICK CHANGE



BASE



ELECTRIC PEDAL



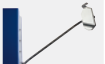
MARKING DIES (15 CHAR.)



SPECIAL DIES



BACK MIRROR



CLEANING AND MAINTENANCE KIT



SPECIAL VOLTAGES AVAILABLE



TECHNICAL DATA



CRIMPING FORCE	440 US TONS
6 SPIRALS 2 PIECES	2" 1/2
INDUSTRIAL HOSE	4"
MAX Ø	5.674"
CRIMPING/HOUR	703 [■]
DIE OPENING	Ø + 1.772"
90° FITTINGS	2"
VOLTAGE	Any 60HZ 3PH
MOTOR POWER	5.5 Kw (7.5 Hp) - A= 10.74
DIMENSIONS LxWxH	33.071"x30.315"x33.661"
WEIGHT WITHOUT OIL	1213 Lbs
OIL	110 Lt.

INCLUDED ACCESSORIES



ELECTRONIC CONTROL WITH TOUCH SCREEN - ES3



BACK LIMIT SWITCH



* THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE

Product specifications could be modified without prior notice.



TUBOMATIC H144 EL

CRIMPING (STANDARD VOLUME CRIMPING)

Code: **TUBH144EL**

Tubomatic H144 EL is ideal for crimping hydraulic hoses up to 2"½ six spirals and industrial hose up to 4".

MAIN FEATURES

- Ideal for crimping any type of fitting;
- New electronic device for managing the new electro-mechanical panel;
- Warning LED for possible anomalies in the system;
- Settable re-opening time after crimping;
- Settable crimping time.



◀ **ELECTRO-MECHANICAL CONTROL WITH ELECTRONIC DEVICE**

TECHNICAL DATA



CRIMPING FORCE	440 US TONS
6 SPIRALS 2 PIECES	2" 1/2
INDUSTRIAL HOSE	4"
MAX Ø	5.674"
CRIMPING/HOUR	703 [■]
DIE OPENING	Ø + 1.772"
90° FITTINGS	2"
VOLTAGE	Any 60HZ 3PH
MOTOR POWER	5.5 Kw (7.5 Hp) - A= 10.74
DIMENSIONS LxWxH	33.071"x25.984"x 33.661"
WEIGHT WITHOUT OIL	1210 Lbs
OIL	110 Lt.

INCLUDED ACCESSORIES



ELECTRO-MECHANICAL CONTROL WITH ELECTRONIC DEVICE



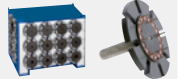
VERNIER DIAL



OPTIONAL



DISPENSER + PATENTED QUICK CHANGE



BASE



ELECTRIC PEDAL



MARKING DIES (15 CHAR.)



SPECIAL DIES



BACK MIRROR



CLEANING AND MAINTENANCE KIT



SPECIAL VOLTAGES AVAILABLE



[■] THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE

Product specifications could be modified without prior notice.



TUBOMATIC H135 ES

CRIMPING (STANDARD VOLUME CRIMPING)

Code: **TUBH135ES**

Tubomatic H135 ES is ideal for crimping hydraulic hoses up to 2" six spirals and up to 3" industrial hose.

MAIN FEATURES

- Ideal for crimping any type of fitting;
- ES3 Siemens PLC control with 5.7" color touch-screen display;
- Back limit switch.



◀ **ES3 ELECTRONIC CONTROL WITH TOUCH SCREEN**



TECHNICAL DATA



CRIMPING FORCE	345 US TONS
6 SPIRALS 2 PIECES	2"
INDUSTRIAL HOSE	3"
MAX Ø	5.315"
CRIMPING/HOUR	865
DIE OPENING	Ø + 1.693"
90° FITTING	2"
VOLTAGE	Any 60HZ 3PH
MOTOR POWER	5.5 Kw (7.5 Hp) - A= 10.64
DIMENSIONS LxWxH	32.283"x29.528"x32.283"
WEIGHT WITHOUT OIL	1047 Lbs
OIL	110 Lt.

INCLUDED ACCESSORIES



ELECTRONIC CONTROL WITH TOUCH SCREEN - ES3	
BACK LIMIT SWITCH	

OPTIONAL



CRIMPING SPEED CONTROL SYSTEM



PRESSURE CONTROL SYSTEM KIT



USB KIT



QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL



MULTISTEP CRIMPING DIAMETERS



DISPENSER + PATENTED QUICK CHANGE



BASE



ELECTRIC PEDAL



MARKING DIES (15 CHAR.)



SPECIAL DIES



BACK MIRROR



CLEANING AND MAINTENANCE KIT



SPECIAL VOLTAGES AVAILABLE



* WITH SPECIAL DIES Ø 104 MM UPON REQUEST | * THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE

Product specifications could be modified without prior notice.



TUBOMATIC H135 EL

CRIMPING (STANDARD VOLUME CRIMPING)

Code: **TUBH135EL**

Tubomatic H135 EL is ideal for crimping hydraulic hoses up to 2" six spirals and up to 3" industrial hose.

MAIN FEATURES

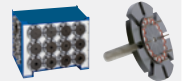
- Ideal for crimping any type of fitting;
- Electronic device for managing the new electromechanical panel;
- Warning LED for possible anomalies in the system;
- Settable re-opening time after crimping;
- Settable crimping time.



◀ **ELECTRO-MECHANICAL CONTROL WITH ELECTRONIC DEVICE**

OPTIONAL

DISPENSER + PATENTED QUICK CHANGE



BASE



ELECTRIC PEDAL



MARKING DIES (15 CHAR.)



SPECIAL DIES



BACK MIRROR



CLEANING AND MAINTENANCE KIT



SPECIAL VOLTAGES AVAILABLE



TECHNICAL DATA



CRIMPING FORCE	345 US TONS
6 SPIRALS 2 PIECES	2"
INDUSTRIAL HOSE	3"
MAX Ø	♦ 4.724"
CRIMPING/HOUR	865 [■]
DIE OPENING	Ø + 1.693"
90° FITTING	2"
VOLTAGE	Any 60HZ 3PH
MOTOR POWER	5.5 Kw (7.5 Hp) - A= 10.64
DIMENSIONS LxWxH	32.283"x25.984"x32.283"
WEIGHT WITHOUT OIL	1036 Lbs
OIL	110 Lt.

INCLUDED ACCESSORIES



ELECTRO-MECHANICAL CONTROL WITH ELECTRONIC DEVICE



VERNIER DIAL



* WITH SPECIAL DIES Ø 104 MM UPON REQUEST | * THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE

Product specifications could be modified without prior notice.



TUBOMATIC H135/E EL

CRIMPING (STANDARD VOLUME CRIMPING)

Code: **TUBH135/EEL**

Tubomatic H135/E EL is ideal to crimp hydraulic hoses up to 2" six spirals and up to 3" industrial hose.

MAIN FEATURES

- Ideal to crimp any type of fitting.



◀ **ELECTRO-MECHANICAL CONTROL**

TECHNICAL DATA



CRIMPING FORCE	330 US TONS
6 SPIRALS 2 PIECES	2"
INDUSTRIAL HOSE	3"
MAX Ø	◊ 4.370"
CRIMPING/HOUR	271 [■]
DIE OPENING	Ø + 1.693"
90° FITTING	2"
VOLTAGE	230V 60HZ 1PH
MOTOR POWER	4 Kw (5.5 Hp)
DIMENSIONS LxWxH	30.708"x24.803"x28.070"
WEIGHT WITHOUT OIL	704 Lbs

INCLUDED ACCESSORIES



VERNIER DIAL



NOT INCLUDED ACCESSORIES



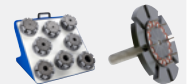
55 Lt. OIL



OPTIONAL



DISPENSER + PATENTED QUICK CHANGE



BASE



ELECTRIC PEDAL



MARKING DIES (15 CHAR.)



SPECIAL DIES



CLEANING AND MAINTENANCE KIT



SPECIAL VOLTAGES AVAILABLE



* WITH SPECIAL DIES Ø 104 MM UPON REQUEST | * THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE

Product specifications could be modified without prior notice.



TUBOMATIC H135 24V

CRIMPING (STANDARD VOLUME CRIMPING)

Code: TUBH13524V

The crimper **Tubomatic H135 24V** is ideal for crimping hydraulic hoses up to 2" six spirals and up to 3" industrial hose. This versatile machine can be used for several applications and it is perfect for outdoor service.

MAIN FEATURES:

- ideal for crimping any type of fitting;
- 24V c.c. electric power unit;
- electric limit switch that blocks the machine once the crimping diameter is reached;
- warning LED indicating when the crimping diameter is reached.



◀ ELECTRO-MECHANICAL CONTROL

TECHNICAL DATA



CRIMPING FORCE	330 US TONS
6 SPIRALS 2 PIECES	2"
INDUSTRIAL HOSE	3"
MAX Ø	4.370"♦
DIE OPENING	Ø + 1.693"
90° FITTING	2"
STANDARD VOLTAGE	24V
MOTOR POWER	4 Kw (5.3 Hp)
DIMENSIONS LxWxH	26.496"x16.614"x30.079"
WEIGHT WITHOUT OIL	639 Lbs

INCLUDED ACCESSORIES



VERNIER DIAL



NOT INCLUDED ACCESSORIES



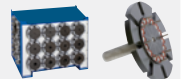
10 Lt. OIL



OPTIONAL



DISPENSER + PATENTED QUICK CHANGE



BASE



MARKING DIES (15 CHAR.)



SPECIAL DIES



CLEANING AND MAINTENANCE KIT





TUBOMATIC H130 ES

CRIMPING (STANDARD VOLUME CRIMPING)

Code: **TUBH130ES**

Tubomatic H130 ES is ideal for crimping hydraulic hoses up to 1" 1/4 six spirals and up to 2" four spirals.

MAIN FEATURES

- Ideal for crimping any type of fitting;
- ES3 Siemens PLC control with 5.7" color touch-screen display;
- Back limit switch



◀ **ES3 ELECTRONIC CONTROL WITH TOUCH SCREEN**

TECHNICAL DATA



CRIMPING FORCE	210 US TONS
6 SPIRALS 2 PIECES	1" 1/4
4 SP 2 PIECES	2"
INDUSTRIAL HOSE 2 PIECES	3"
MAX Ø	Δ 5.118"
CRIMPING/HOUR	780 ■
DIE OPENING	Ø + 1.378"
90° FITTINGS	2"
VOLTAGE	Any 60HZ 3PH/1PH
MOTOR POWER	4 Kw (5.5 Hp)
DIMENSIONS LxWxH	29.921"x27.165"x28.740"
WEIGHT WITHOUT OIL	650 Lbs
OIL	65 Lt.

INCLUDED ACCESSORIES



ELECTRONIC CONTROL WITH TOUCH SCREEN - ES3	
BACK LIMIT SWITCH	

OPTIONAL



CRIMPING SPEED CONTROL SYSTEM	
PRESSURE CONTROL SYSTEM KIT	
USB KIT	
QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL	
MULTISTEP CRIMPING DIAMETERS	
DISPENSER + PATENTED QUICK CHANGE	
BASE	
ELECTRIC PEDAL	
MARKING DIES (15 CHAR.)	
SPECIAL DIES	
BACK MIRROR	
CLEANING AND MAINTENANCE KIT	
SPECIAL VOLTAGES AVAILABLE	

* WITH SPECIAL DIES Ø 104 MM UPON REQUEST | * THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE

Product specifications could be modified without prior notice.



TUBOMATIC H130 EL

CRIMPING (STANDARD VOLUME CRIMPING)

Code: **TUBH130EL**

Tubomatic H130 EL is ideal for crimping hydraulic hoses up to 1" 1/4 six spirals and up to 2" four spirals.

MAIN FEATURES

- Ideal for crimping any type of fitting;
- New electronic device for managing the new electro-mechanical panel;
- Warning LED for possible anomalies in the system;
- Settable re-opening time after crimping;
- Settable crimping time.



◀ **ELECTRO-MECHANICAL CONTROL WITH ELECTRONIC DEVICE**

TECHNICAL DATA



CRIMPING FORCE	210 US TONS
6 SPIRALS 2 PIECES	1" 1/4
4 SP 2 PIECES	2"
INDUSTRIAL HOSE 2 PIECES	3"
MAX Ø	4.882"
CRIMPING/HOUR	780
DIE OPENING	Ø + 1.378"
90° FITTING	2"
VOLTAGE	Any 60HZ 3PH/1PH
MOTOR POWER	4 Kw (5.5 Hp)
DIMENSIONS LxWxH	29.921"x26.575"x28.149"
WEIGHT WITHOUT OIL	650 Lbs
OIL	65 Lt.

INCLUDED ACCESSORIES



ELECTRO-MECHANICAL CONTROL WITH ELECTRONIC DEVICE	
VERNIER DIAL	

OPTIONAL



DISPENSER + PATENTED QUICK CHANGE	
BASE	
ELECTRIC PEDAL	
MARKING DIES (15 CHAR.)	
SPECIAL DIES	
BACK MIRROR	
CLEANING AND MAINTENANCE KIT	
SPECIAL VOLTAGES AVAILABLE	

* WITH SPECIAL DIES Ø 104 MM UPON REQUEST | * THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE

Product specifications could be modified without prior notice.



TUBOMATIC H130/E EL

CRIMPING (STANDARD VOLUME CRIMPING)

Code: **TUBH130/EEL**

The crimper **Tubomatic H130/E EL** is ideal for crimping hydraulic hoses up to 2" four spirals.

MAIN FEATURES:

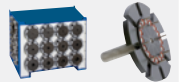
- ideal for crimping any type of fitting.



◀ **ELECTRO-MECHANICAL CONTROL**

OPTIONAL

DISPENSER + PATENTED QUICK CHANGE



BASE



ELECTRIC PEDAL



MARKING DIES (15 CHAR.)



SPECIAL DIES



CLEANING AND MAINTENANCE KIT



SPECIAL VOLTAGES AVAILABLE



TECHNICAL DATA



CRIMPING FORCE	275 US TONS
6 SPIRALS 2 PIECES	1" 1/4
4 SP 2 PIECES	2"
INDUSTRIAL HOSE	3"
MAX Ø	111 mm* (4.370")
CRIMPING/HOUR	246 ■
DIE OPENING	Ø + 35 mm (Ø + 1.378")
90° FITTINGS	2"
STANDARD VOLTAGE	375V-420V 50HZ 3PH
MOTOR POWER	2.2 Kw (2.9 Hp)
DIMENSIONS LxWxH	(26.299"x23.150"x26.024")
WEIGHT	206 Kg (454 Lbs)

INCLUDED ACCESSORIES



VERNIER DIAL



NOT INCLUDED ACCESSORIES



22 Lt. OIL



* WITH SPECIAL DIES Ø 104 MM UPON REQUEST | * THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE

Product specifications could be modified without prior notice.



TUBOMATIC H130 12V

CRIMPING (STANDARD VOLUME CRIMPING)

Code: TUBH13012V

Tubomatic H130 12V is ideal for crimping hydraulic hoses up to 2" four spirals and industrial hose up to 3".

This versatile machine can be used for several applications and it is perfect for outdoor service.

MAIN FEATURES

- Ideal for crimping any type of fitting;
- 12V power pack;
- Equipped with an electric limit switch indicating when the crimping diameter is reached.



◀ VERNIER DIAL

TECHNICAL DATA



CRIMPING FORCE	210 US TONS
6 SPIRALS 2 PIECES	1"
4 SP 2 PIECES	2"
INDUSTRIAL HOSE 2 PIECES	3"
MAX Ø	♦ 4.452"
DIE OPENING	Ø + 1.378"
90° FITTINGS	2"
VOLTAGE	12V D.C.
MOTOR POWER	1.6 Kw (2.1 Hp)
MAX. ABSORPTION	280 A
DIMENSIONS LxWxH	22.835"x19.685"x21.260"
WEIGHT WITHOUT OIL	317 Lbs
OIL	12 Lt.

INCLUDED ACCESSORIES



VERNIER DIAL



OPTIONAL



DISPENSER + STANDARD QUICK CHANGE



MARKING DIES (15 CHAR.)



SPECIAL DIES



* WITH SPECIAL DIES Ø 104 MM UPON REQUEST | * THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE

Product specifications could be modified without prior notice.



TUBOMATIC H88 ES

CRIMPING (STANDARD VOLUME CRIMPING)

Code: TUBH88ES

Tubomatic H88 ES is ideal for crimping hydraulic hoses up to 1" six spirals and up to 1 1/2" four spirals.

MAIN FEATURES

- Ideal for crimping any type of fitting;
- ES3 Siemens PLC control with 5.7" color touch-screen display;
- Back limit switch.



◀ **ELECTRONIC CONTROL**

TECHNICAL DATA



CRIMPING FORCE	150 US TONS
6 SPIRALS 2 PIECES	1"
4 SP 2 PIECES	1" 1/2"
4 SH 2 PIECES	1" 1/4**
MAX Ø	♠ 3.464"
CRIMPING/HOUR	680 ■
DIE OPENING	Ø + 1.890"
90° FITTINGS	1" 1/4
VOLTAGE	Any 60HZ 3PH/1PH
MOTOR POWER	4 Kw (5 Hp)
DIMENSIONS LxWxH	27.559"x24.212"x25.197"
WEIGHT WITHOUT OIL	386 Lbs
OIL	70 Lt.

INCLUDED ACCESSORIES



ELECTRONIC CONTROL WITH TOUCH SCREEN - ES3	
BACK LIMIT SWITCH	

OPTIONAL



CRIMPING SPEED CONTROL SYSTEM	
PRESSURE CONTROL SYSTEM KIT	
USB KIT	
QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL	
MULTISTEP CRIMPING DIAMETERS	
DISPENSER + PATENTED QUICK CHANGE	
BASE	
ELECTRIC PEDAL	
MARKING DIES (15 CHAR.)	
SPECIAL DIES	
BACK MIRROR	
SPECIAL VOLTAGES AVAILABLE	

* WITH SPECIAL DIES | * WITH SPECIAL DIES Ø 54 MM UPON REQUEST
 * THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE | ** ACCORDING TO THE FITTING
 Product specifications could be modified without prior notice.



TUBOMATIC H88 EL

CRIMPING (STANDARD VOLUME CRIMPING)

Code: **TUBH88EL**

Tubomatic H88 EL is ideal for crimping hydraulic hoses up to 1" six spirals and up to 1 1/2 " four spirals.

MAIN FEATURES

- Ideal for crimping any type of fitting;
- New electronic device for managing the new electro-mechanical panel;
- Warning LED for possible anomalies in the system;
- Settable re-opening time after crimping;
- Settable crimping time.



◀ **ELECTRO-MECHANICAL CONTROL**

OPTIONAL

DISPENSER + PATENTED QUICK CHANGE



BASE



ELECTRIC PEDAL



MARKING DIES (15 CHAR.)



SPECIAL DIES



BACK MIRROR



SPECIAL VOLTAGES AVAILABLE



TECHNICAL DATA



CRIMPING FORCE	150 US TONS
6 SPIRALS 2 PIECES	1"
4 SP 2 PIECES	1" 1/2*
4 SH 2 PIECES	1" 1/4**
MAX Ø	♣ 2.520"
CRIMPING/HOUR	680 ■
DIE OPENING	Ø + 1.890"
90° FITTINGS	1" 1/4
VOLTAGE	Any 60HZ 3PH/1PH
MOTOR POWER	4 Kw (5 Hp)
DIMENSIONS LxWxH	27.559"x26.575"x25.197"
WEIGHT WITHOUT OIL	381 Lbs
OIL	70 Lt.

INCLUDED ACCESSORIES



ELECTRO-MECHANICAL CONTROL



VERNIER DIAL



* WITH SPECIAL DIES | * WITH SPECIAL DIES Ø 54 MM UPON REQUEST
 * THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE | ** ACCORDING TO THE FITTING
 Product specifications could be modified without prior notice.



TUBOMATIC HS54 ES

CRIMPING (STANDARD VOLUME CRIMPING)

Code: **TUBHS54ES**

Tubomatic HS54ES is the ideal machine to crimp ropes and eyelet terminals in applications which require a relatively low crimping force. This makes it particularly suitable to be used in the automotive industry and for low pressure water systems.



◀ **ES3 ELECTRONIC CONTROL WITH TOUCH SCREEN**

TECHNICAL DATA	
CRIMPING FORCE	76 US TONS
MAX Ø	2.126"
CRIMPING/HOUR	1650
DIE OPENING	(Ø + 1.102")
90° FITTING	2"
STANDARD VOLTAGE	Any 60HZ 3PH
MOTOR POWER	3 kw (4 Hp)
DIMENSIONS LxWxH	24.213"x24.173"x23.307"
WEIGHT WITHOUT OIL	254 Lbs
OIL	50 Lt.

INCLUDED ACCESSORIES	
ELECTRONIC CONTROL WITH TOUCH SCREEN - ES3	
BACK LIMIT SWITCH	

*WITH SPECIAL DIES Ø 54 MM UPON REQUEST | *THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE
Product specifications could be modified without prior notice.

OPTIONAL

CRIMPING SPEED CONTROL SYSTEM



PRESSURE CONTROL SYSTEM KIT



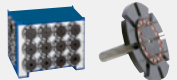
USB KIT



MULTISTEP CRIMPING DIAMETERS



DISPENSER + PATENTED QUICK CHANGE



BASE



ELECTRIC PEDAL



MARKING DIES (15 CHAR.)



SPECIAL DIES



BACK MIRROR



SPECIAL VOLTAGES AVAILABLE





TUBOMATIC H83/E EL

CRIMPING (STANDARD VOLUME CRIMPING)

Code: TUBH83/EEL

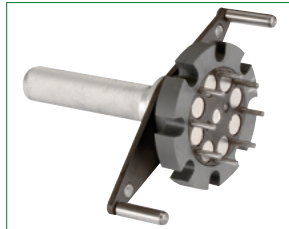
Tubomatic H83/E EL is ideal for crimping hydraulic hoses up to 1" six spirals and up to 1"½ four spirals.

MAIN FEATURES

- Ideal for crimping any type of fitting.



▲ DISPENSER



▲ PATENTED QUICK CHANGE

TECHNICAL DATA



CRIMPING FORCE	150 US TONS
6 SPIRALS 2 PIECES	1"
4 SP 2 PIECES	1" 1/2"
4 SH 2 PIECES	1" 1/4**
MAX Ø	♦ 2.520"
DIE OPENING	Ø + 1.654"
90° FITTINGS	1" 1/4"
VOLTAGE	Any 60HZ 3PH/1PH
MOTOR POWER	3 Kw (4 Hp)
DIMENSIONS LxWxH	23.228"x23.228"x21.259"
WEIGHT	264 Lbs
CYLINDER	SINGLE EFFECT

INCLUDED ACCESSORIES



ELECTRO-MECHANICAL CONTROL	
VERNIER DIAL	

ACCESSORI NON INCLUSI - NOT INCLUDED ACCESSORIES



30 Lt. OIL	
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OPTIONAL



DISPENSER + PATENTED QUICK CHANGE	
DISPENSER + PATENTED QUICK CHANGE	
BASE	
ELECTRIC PEDAL	
MARKING DIES (15 CHAR.)	
SPECIAL DIES	
SPECIAL VOLTAGES AVAILABLE	

* WITH SPECIAL DIES | * WITH SPECIAL DIES Ø 54 MM UPON REQUEST | ** ACCORDING TO THE FITTING
Product specifications could be modified without prior notice.



TUBOMATIC H83/E PM

CRIMPING (STANDARD VOLUME CRIMPING)

Code: **TUBH83/EPM**

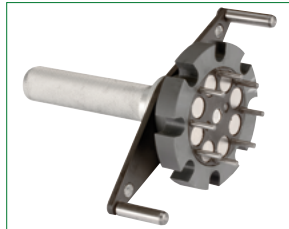
Tubomatic H83/E PM is ideal for crimping hydraulic hoses up to 1" six spirals and up to 1"½ four spirals. This versatile machine can be used for several applications. It is the perfect equipment for hydraulic hose manufacturers and assemblers.

MAIN FEATURES

- Ideal for crimping any type of fitting;
- Manual pump.



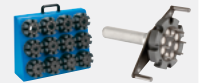
▲ DISPENSER



▲ PATENTED QUICK CHANGE

OPTIONAL

DISPENSER + PATENTED QUICK CHANGE



MARKING DIES (15 CHAR.)



SPECIAL DIES



TECHNICAL DATA



CRIMPING FORCE	150 US TONS
6 SPIRALS 2 PIECES	1"
4 SP 2 PIECES	1" 1/2*
4 SH 2 PIECES	1" 1/4**
MAX Ø	♦ 2.520"
DIE OPENING	Ø + 1.654"
90° FITTINGS	1" 1/4*
DIMENSIONS LxWxH	23.622"x17.520"x18.701"
WEIGHT	187 Lbs
REQUIRED EFFORT ON THE LEVER	44 Lbs
CYLINDER	SINGLE EFFECT

INCLUDED ACCESSORIES



5 Lt. OIL



* WITH SPECIAL DIES | * WITH SPECIAL DIES Ø 54 MM UPON REQUEST | ** ACCORDING TO THE FITTING

Product specifications could be modified without prior notice.



TUBOMATIC H83/E PI

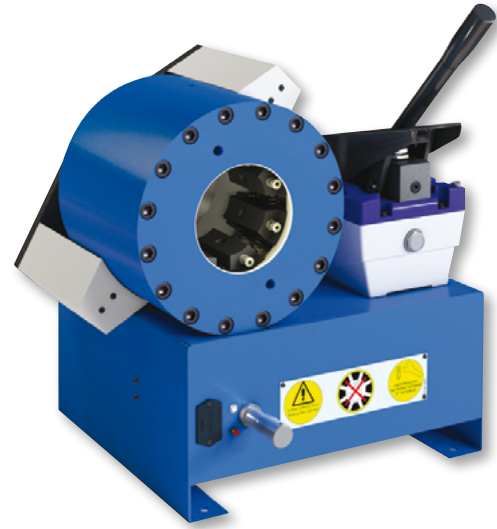
CRIMPING (STANDARD VOLUME CRIMPING)

Code: TUBH83/EPI

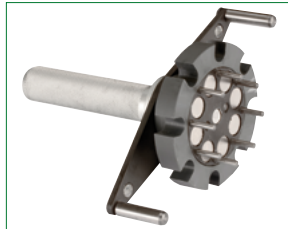
Tubomatic H83/EPI is ideal for crimping hydraulic hoses up to 1" six spirals and up to 1"½ four spirals. This versatile machine can be used for several applications. It is the perfect equipment for hydraulic hose manufacturers and assemblers.

MAIN FEATURES

- Ideal for crimping any type of fitting;
- Pneumo-hydraulic pump.



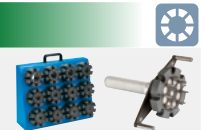
▲ DISPENSER



▲ PATENTED QUICK CHANGE

OPTIONAL - OPTIONAL

DISPENSER + PATENTED QUICK CHANGE



MARKING DIES (15 CHAR.)



SPECIAL DIES



TECHNICAL DATA



CRIMPING FORCE	150 US TONS
6 SPIRALS 2 PIECES	1"
4 SP 2 PIECES	1" 1/2*
4 SH 2 PIECES	1" 1/4**
MAX Ø	♦ 2.520"
DIE OPENING	Ø + 1.654"
90° FITTINGS	1" 1/4*
DIMENSIONS LxWxH	18.701"x18.701"x22.047"
WEIGHT	180 Lbs
CYLINDER	SINGLE EFFECT

INCLUDED ACCESSORIES



3 Lt. OIL



* WITH SPECIAL DIES | * WITH SPECIAL DIES Ø 54 MM UPON REQUEST | ** ACCORDING TO THE FITTING

Product specifications could be modified without prior notice.



TUBOMATIC H83/E 12V

CRIMPING (STANDARD VOLUME CRIMPING)

Code: TUBH83/E12V

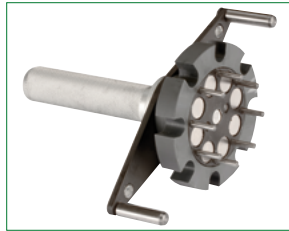
Tubomatic H83/E 12V is ideal for crimping hydraulic hoses up to 1" six spirals and up to 1"½ four spirals. This versatile machine can be used for several applications and it is perfect for outdoor service.

MAIN FEATURES

- Ideal for crimping any type of fitting;
- 12V power pack.



▲ DISPENSER



▲ PATENTED QUICK CHANGE

OPTIONAL

DISPENSER + PATENTED QUICK CHANGE



MARKING DIES (15 CHAR.)



SPECIAL DIES



TECHNICAL DATA



CRIMPING FORCE	150 US TONS
6 SPIRALS 2 PIECES	1"
4 SP 2 PIECES	1" 1/2"
4 SH 2 PIECES	1" 1/4**
MAX Ø	♦ 2.520"
DIE OPENING	Ø + 1.654"
90° FITTINGS	1" 1/4*
VOLTAGE	12V D.C.
MOTOR POWER	2.1 Kw (2.82 Hp)
DIMENSIONS LxWxH	22.638"x20.905"x17.756"
WEIGHT WITHOUT OIL	220 Lbs
OIL	8.5 Lt.
CYLINDER	SINGLE EFFECT

INCLUDED ACCESSORIES



VERNIER DIAL



* WITH SPECIAL DIES | * WITH SPECIAL DIES Ø 54 MM UPON REQUEST | ** ACCORDING TO THE FITTING

Product specifications could be modified without prior notice.



TUBOMATIC H64/PM

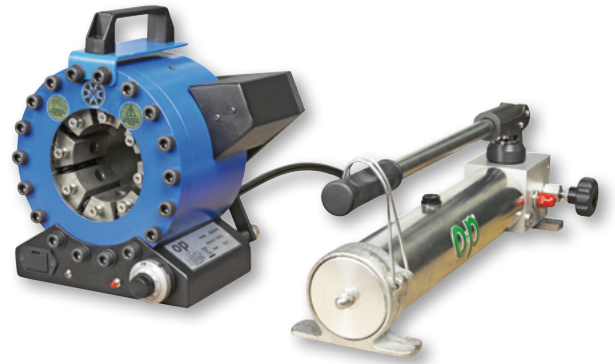
CRIMPING (SERVICE)


Code: TUBH64PM

Tubomatic H64PM is ideal for crimping hydraulic hoses up to 1 1/2 two braids. Light and easy to move, it is the perfect equipment for on-site service.



MAIN FEATURES

- Manual pump separate from the machine;
- Electric limit switch indicating when the crimping diameter is reached



TECHNICAL DATA 	
CRIMPING FORCE	132 US TONS
6 SPIRALS 2 PIECES	1"
2 BRAIDS 2 PIECES	1 1/2"
MAX Ø	2.520"
DIE OPENING	Ø + 0.59"
DIMENSIONS LxWxH	12.047"x10.126"x12.205"
WEIGHT	95 Lbs
REQUIRED EFFORT ON THE LEVER	77 Lbs
CYLINDER	SINGLE EFFECT

INCLUDED ACCESSORIES 	
1.8 Lt. OIL	

OPTIONAL 	
SPECIAL DIES	

* WITH SPECIAL DIES Ø 54 MM UPON REQUEST

Product specifications could be modified without prior notice.



TUBOMATIC H47/E EL

CRIMPING (SERVICE)

Code: TUBH47/EEL

Tubomatic H47 EEL is ideal for crimping hydraulic hoses up to 1" four spirals. This versatile machine can be used for several applications. It is the perfect equipment for hydraulic hose manufacturers and assemblers.

MAIN FEATURES

- Electric pump.



◀ ELECTRO-MECHANICAL CONTROL

OPTIONAL

SPECIAL DIES



SPECIAL VOLTAGES AVAILABLE



ELECTRIC PEDAL



TECHNICAL DATA



CRIMPING FORCE	130 US TONS
CAPACITY	1" 4 SP
MAX Ø	* 1.811"
CRIMPING/HOUR	930
DIE OPENING	Ø + 0.787"
90° FITTINGS	3/8"
VOLTAGE	Any 60HZ 3PH/1PH
MOTOR POWER	2.2 Kw (3 Hp)
DIMENSIONS LxWxH	19.685"x25.394"x26.378"
WEIGHT WITHOUT OIL	208 Lbs
OIL	11 Lt.
CYLINDER	DOUBLE EFFECT

INCLUDED ACCESSORIES



TOOL FOR DIE CHANGE



* DIE HOLDER

Product specifications could be modified without prior notice.



TUBOMATIC H47 PM

CRIMPING (SERVICE)

Code: TUBH47PM

Tubomatic H47 PM is ideal for crimping hydraulic hoses up to 1" 2 braids. This versatile machine can be used for several applications and it is perfect for outdoor service.

MAIN FEATURES

- Manual pump;
- Equipped with an electric limit switch indicating when the crimping diameter is reached.



◀ MANUAL PUMP

OPTIONAL

SPECIAL DIES



TOOL FOR DIE CHANGE



TECHNICAL DATA



CRIMPING FORCE	110 US TONS
CAPACITY	1" 2 SP
MAX Ø	* 1.811"
DIE OPENING	Ø + 0.788"
90° FITTINGS	3/8"
DIMENSIONS LxWxH	15.354"x20.708"x11.811"
WEIGHT	71 Lbs
REQUIRED EFFORT ON THE LEVER	66 Lbs
CYLINDER	SINGLE ACTING

INCLUDED ACCESSORIES



DIE HOLDER DRAWER



0,75 Lt. OIL



* DIE HOLDER

Product specifications could be modified without prior notice.



TUBOMATIC H47 PI

CRIMPING (SERVICE)

Code: TUBH47PI

Tubomatic H47 PI is ideal for crimping hydraulic hoses up to 1" 2 braids. This versatile machine can be used for several applications and it is perfect for outdoor service.

MAIN FEATURES

- Pneumo-hydraulic pump;
- Equipped with an electric limit switch indicating when the crimping diameter is reached.



◀ PNEUMO-HYDRAULIC PUMP

TECHNICAL DATA



CRIMPING FORCE	110 US TONS
CAPACITY	1" 2 SP
MAX Ø	* 1.811"
DIE OPENING	Ø + 0.788"
90° FITTINGS	3/8"
DIMENSIONS LxWxH	14.960"x16.929"x15.760"
WEIGHT	84 Lbs
PNEUMATIC INPUT	max 7 Bar (100 Psi)
CYLINDER	SINGLE EFFECT

INCLUDED ACCESSORIES



DIE HOLDER DRAWER



2.5 Lt. OIL



OPTIONAL



SPECIAL DIES



TOOL FOR DIE CHANGE



* DIE HOLDER

Product specifications could be modified without prior notice.



Code: TUBH47E

Tubomatic H47 E is ideal for crimping hydraulic hoses up to 1" 2 braids. This versatile machine can be used for several applications. Light and easy to move, it is the perfect equipment for on-site service.

MAIN FEATURES

- Manual pump;
- Equipped with an electric limit switch indicating when the crimping diameter is reached.



◀ MANUAL PUMP

OPTIONAL

SPECIAL DIES



TOOL FOR DIE CHANGE



TECHNICAL DATA



CRIMPING FORCE	110 US TONS
CAPACITY	1" 2 SP
MAX Ø	* 1.811"
DIE OPENING	Ø + 0.788"
90° FITTINGS	3/8"
DIMENSIONS LxWxH	7.874"x12.362"x12.598"
WEIGHT	64 Lbs
REQUIRED EFFORT ON THE LEVER	66 Lbs
CYLINDER	SINGLE EFFECT

INCLUDED ACCESSORIES



0.75 Lt. OIL



* DIE HOLDER

Product specifications could be modified without prior notice.



TUBOMATIC H26PM

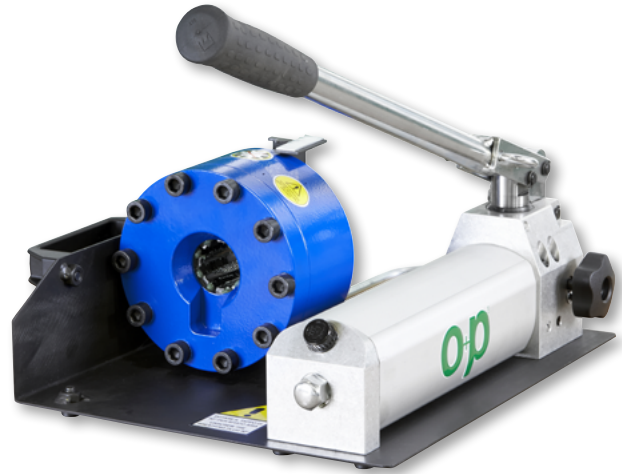
CRIMPING (SERVICE)

Code: TUBH26PM

Tubomatic H26 PM is ideal for crimping hydraulic hoses up to 3/8" two braids. This versatile machine is the perfect equipment for outdoor service.

MAIN FEATURES

- Hose crimping with dies-holder;
- Manual pump;
- Millimetre label showing the reached crimping diameter.



TECHNICAL DATA



CRIMPING FORCE	37 US TONS
CAPACITY	3/8" 2SN - 2SC
MAX Ø	1.024"
MACHINE COMPLETELY OPEN	1.535"
MACHINE COMPLETELY CLOSED	0.551"
90° SINGLE BEND	included
DIMENSIONS LxWxH	12.992"x19.489"x6.024"
WEIGHT	32 Lbs
EFFORT ON LEVER	66 Lbs
ONE ACTING CYLINDER	

INCLUDED ACCESSORIES



0.75 Lt. OIL






Code: TUBH26E

Tubomatic H26E is ideal for crimping hydraulic hoses up to 3/8" two braids. This versatile machine is the perfect equipment for outdoor service.

MAIN FEATURES

- Hose crimping with dies-holder;
- Manual pump;
- Millimetre label showing the reached crimping diameter.



TECHNICAL DATA 	
CRIMPING FORCE	37 US TONS
CAPACITY	3/8" 2SN - 2SC
MAX Ø	1.024"
MACHINE COMPLETELY OPEN	1.535"
MACHINE COMPLETELY CLOSED	0.551"
90° SINGLE BEND	included
DIMENSIONS LxWxH	7.559"x9.370"x6.024"
WEIGHT	32 Lbs
EFFORT ON LEVER	66 Lbs
ONE ACTING CYLINDER	

INCLUDED ACCESSORIES

0.75 Lt. OIL





TUBOMATIC H25 PI

CRIMPING (SERVICE)

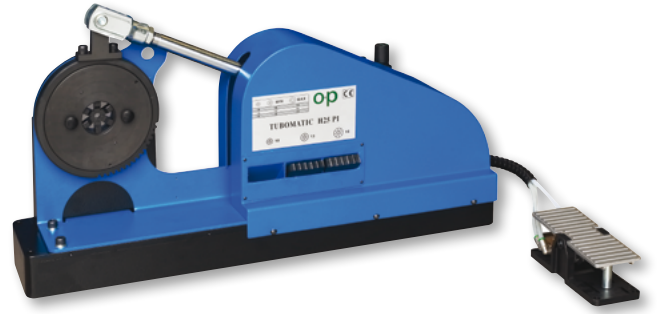
Code: TUBH25PI

Tubomatic H25 PI is a simple and inexpensive light equipment, ideal for crimping low pressure hoses.

Light and easy to move, it is the perfect equipment for outdoor service.

MAIN FEATURES

- Pneumo-hydraulic pump;
- Tool for dies change.



TECHNICAL DATA



MAX Ø	0.984"
DIE OPENING	Ø + 0.827"
DIMENSIONS LxWxH	31.890"x9.842"x17.323"
WEIGHT	110 Lbs
PNEUMATIC INPUT	MAX 7 Bar (100 Psi)

INCLUDED ACCESSORIES



DIES Ø 10-13-16 mm



TUBOMATIC H25

CRIMPING (SERVICE)

Code: TUBH25

Tubomatic H25 is a simple and inexpensive light equipment, ideal for crimping low pressure hoses.

Light and easy to move, it is the perfect equipment for outdoor service.



TECHNICAL DATA



MAX Ø	0.984"
DIE OPENING	Ø + 0.827"
DIMENSIONS LxWxH	19.685"x7.087"x12.205"
WEIGHT	26 Lbs

INCLUDED ACCESSORIES



DIES Ø 10-13-16 mm





TUBOMATIC J67 EL

CRIMPING (STANDARD VOLUME CRIMPING)

Code: TUBJ67EL

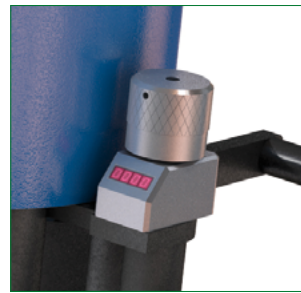
Tubomatic J67 EL is ideal for crimping hydraulic hoses up to 1"¼ four spirals and 1"½ two braids. This versatile machine is the perfect equipment for manufacturers and hydraulic hose assemblers.

MAIN FEATURES

- Electric pump;
- Vertical working position;
- Hydraulic unit 700 Bar (10.150 Psi).



◀ ELECTRO-MECHANICAL CONTROL



◀ MICROMETER WITH DIGITAL DISPLAY

TECHNICAL DATA	
CRIMPING FORCE	190 US TONS
4 SPIRALS	1"¼
2 BRAIDS	1"½
MAX Ø	2.638"
90° FITTING	1"½ *
DIMENSIONS LxWxH	25.197"x22.440"x25.984"
WEIGHT WITHOUT OIL	291 Lbs
OIL	7 Lt.
MOTOR POWER	1.1 Kw (1.5 Hp)
VOLTAGE	ANY 60HZ 3PH/1PH
CYLINDER	Simple

OPTIONAL	
SPECIAL DIES	
SPECIAL VOLTAGES AVAILABLE	
DIES HOLDER BASE	
DIES HOLDER DISPENSER	



Code: TNT8

TNT 8 is a simple and inexpensive light equipment, ideal for crimping air-conditioning hoses.

Light and easy to use, it is the perfect equipment for outdoor service.

MAIN FEATURES

- Available in 3 versions: with hand pump, pneumo-hydraulic pump or motorized pump;
- Complete with dies for hoses with int. Ø 5/16", 13/32", 1/2" and 5/8".



Optimal crimping result obtained with TNT8



Irregular crimping obtained with other machines not supplied by O+P srl



TECHNICAL DATA



6 DIE SETS

Ø 6R - Ø 6S/8R - Ø 10R - Ø 8S - Ø 10S/12R - Ø 12S

MINIMUM CRIMPING DIAMETER

Ø 14.0 - Ø 16.3 - Ø 18.0 - Ø 19.8 - Ø 22.0 - Ø 25.5

INCLUDED ACCESSORIES



Code: TNT8MPT10032SE

HAND PUMP



DIES

MANUAL DRIVE

LUBRICANT

CALIPER

INTERNATIONAL GUARANTEE

HANDY CASE

INCLUDED ACCESSORIES



Code: TNT8UHTMAPT100

PNEUMO-HYDRAULIC PUMP 200 Bar



DIES

AIR DRIVE

LUBRICANT

CALIPER

INTERNATIONAL GUARANTEE

HANDY CASE

INCLUDED ACCESSORIES



Code: TNT8MPT100MOSI

MOTORIZED PUMP



DIES

MOTOR DRIVE

LUBRICANT

CALIPER

INTERNATIONAL GUARANTEE

HANDY CASE



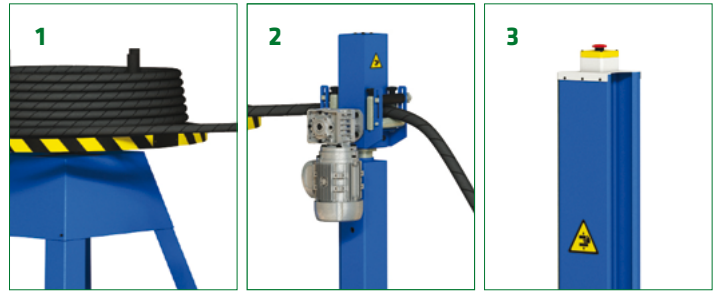
Code: TUBOCUT5

TUBOCUT 5 is an automatic cutting machine ideal for the volume production of hose assemblies.

The machine can cut hose up to a diameter of 1" four spirals; cutting range from a minimum outside diameter of 10 mm up to 41 mm.

MAIN FEATURES

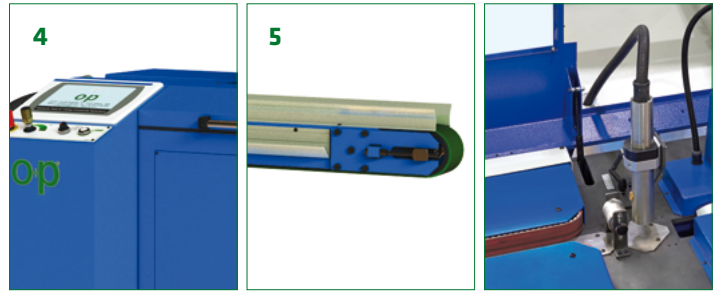
- Automated hose feeding;
- Cutting machine with Siemens PLC control with 9" color touch-screen display;
- Recessed blade and guards for the operator's safety;
- Hose marking system;
- Suction pipe connection;
- Cleaning drawer/blade replacement.



▲ HOSE WINDING SYSTEM

▲ MOTORIZED HOSE DRIVING SYSTEM

▲ LOOP CONTROL DEVICE



▲ CUTTING MACHINE WITH PLC AND TOUCH-SCREEN

▲ CONVEYER BELT

▲ PRINTER

TECHNICAL DATA



4 SPIRALS	1"
OD HOSE	0.394"-1.614"
MEASURING TOLERANCE	± 2%
MIN. CUTTING LENGTH	9.8425"
MAX. CUTTING LENGTH	3936.961"
BELT SPEED	15 - 30 - 40 Mt/Min.
BLADE Ø	20.472"
REVOLUTIONS/MINUTE	2800
MAX. REEL WEIGHT	330 Lbs
VOLTAGE	Any 60HZ 3PH
BLADE MOTOR POWER	5.5 Kw (7.5 Hp) - A= 9.85
TRANSMISSION BELT MOTOR POWER	0.35 Kw (0.5 Hp)
SUCTION HOSE CONNECTION Ø	3.937"
PNEUMATIC INPUT	MAX 6 Bar (84 Psi)
CUTTING MACHINE WEIGHT	1653 Lbs
POWER HOSE SYSTEM WEIGHT	552 Lbs
CONVEYER BELT WEIGHT	240 Lbs
CUTTING MACHINE DIMENSIONS LxWxH	57.087"x33.465"x57.087"
WINDER DIMENSIONS LxWxH	163.385"x41.339"x49.212"
CONVEYER BELT DIMENSIONS LxWxH	84.645"x19.685"x39.370"

INCLUDED ACCESSORIES



LAN AND USB CONNECTION CONFIGURATION



OPTIONAL



FUME EXTRACTOR



CONVEYER BELT



READING AND IDENTIFICATION BARCODE SYSTEM



HOSE MARKING SYSTEM WITH USER INTERFACE



SPECIAL VOLTAGES AVAILABLE





SEMI-AUTOMATIC CUTTING LINE

CUTTING

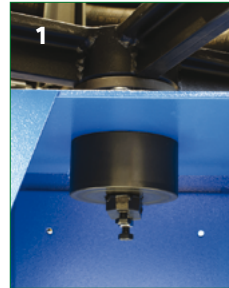


Code: TAGLINE

O+P **Semiautomatic Cutting Line** has been designed for cutting hoses up to 1" wound up in reels and rewinding them directly into at least 5 metre (196.85") long reels. The semiautomatic system allows the operator to manage the hose winding-cutting-rewinding cycle in an extremely accurate manner and a considerable saving of time.

MAIN FEATURES:

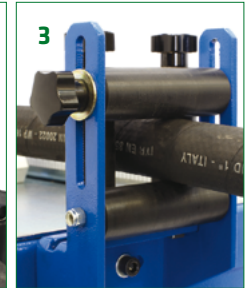
- Modular floor;
- Customizable with different cutting machines.



▲ REEL ROLLER MECHANICAL BRAKE



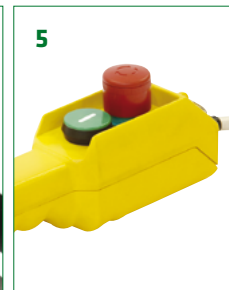
▲ CENTRING DEVICE WITH METER COUNTER



▲ CENTRING DEVICE



▲ ADJUSTABLE HOSE LOCKER



▲ MOBILE REEL PANEL (196.85")

TECHNICAL DATA



MODULAR FLOOR	196.85" x 55.118"
DIMENSIONS LxWxH	216.732" x 64.960" x 49.606"
WEIGHT	1,140 Lbs

INCLUDED ACCESSORIES



AV01 WINDER
REEL ROLLER MECHANICAL BRAKE
TF2 CUTTING MACHINE
CENTRING DEVICE WITH METER COUNTER
CENTRING DEVICE
AV01EL REWINDER
MOBILE PANEL (196.85" cable)
ADJUSTABLE HOSE LOCKER

AVAILABLE ALSO WITH CUTTING MACHINES TF5 - TF4 - TF3 PI - TF3

OPTIONAL

SPECIAL VOLTAGES AVAILABLE



Code: TAGLTF6D

TF6 is ideal for cutting flexible hydraulic hoses up to 3" six spirals.
Fume extractor upon request.

MAIN FEATURES

- Self braking motor (11 Kw);
- Ø 650 mm serrated blade;
- Self-centring hose support;
- Pedal-equipped electric control;
- Drawer for internal cleaning and single blade replacement;
- Recessed blade and guards for the operator's safety;
- PLC control.

* Version without self braking motor available (TAGLTF6D/NB)





▲ PROTECTION

▲ CONTROL PANEL

TECHNICAL DATA

6 SPIRALS	3"
4 SPIRALS	3"
2 BRAIDS	3"
INDUSTRIAL HOSE	4"
MAX Ø	6.299"
REVOLUTIONS/MINUTE	2900
BLADE Ø	25.590"
VOLTAGE	Any 60HZ 3PH
DIMENSIONS LxWxH	49.212"x34.251"x63.582"
WEIGHT	1027 Lbs
SELF BRAKING MOTOR POWER	11 Kw (15 Hp) - A= 23.00

INCLUDED ACCESSORIES

SAFETY PROTECTIONS	
SUCTION CONNECTION	

OPTIONAL

MEASURING HOSE HOLDER



CENTRING DEVICE + METER COUNTER (MAX 2")



FUME EXTRACTOR



BLOWING KIT



SPECIAL VOLTAGES AVAILABLE

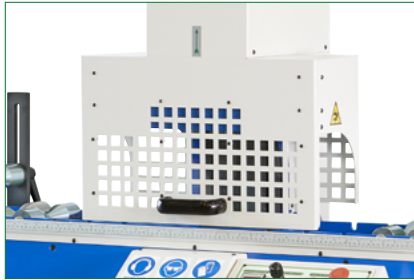


Code: TAGLTF5D

TF5 is ideal for cutting flexible hydraulic hoses up to 3" six spirals.
Fume extractor and blowing kit upon request.

MAIN FEATURES

- Self-braking motor (7,5 Kw);
- Stroke counter;
- Ø 520 mm serrated blade;
- Cutting speed adjustment device;
- Self-centring hose support;
- Pedal-equipped pneumatic control;
- Drawer for internal cleaning and single blade replacement;
- Recessed blade and guards for the operator's safety.
- Potentiometer, which regulates the reflection of the hose-lever once the pedal has been released



▲ PROTEZIONE - **PROTECTION**

OPTIONAL

MEASURING HOSE HOLDER



CENTRING DEVICE + METER COUNTER (MAX 2")



FUME EXTRACTOR



BLOWING KIT



SPECIAL VOLTAGES AVAILABLE






TECHNICAL DATA



6 SPIRALS	3"
4 SPIRALS	3"
2 BRAIDS	3"
INDUSTRIAL HOSE	4"
MAX Ø	6.299"
REVOLUTIONS/MINUTE	2900
PNEUMATIC INPUT	MAX 7 Bar (100 Psi)
BLADE Ø	20.472"
STANDARD VOLTAGE	400V 50HZ 3PH
DIMENSIONS LxWxH	48.031"x26.181"x62.598"
WEIGHT	860 Lbs
SELF BRAKING MOTOR POWER	7.5 Kw (10 Hp) - A= 13,80

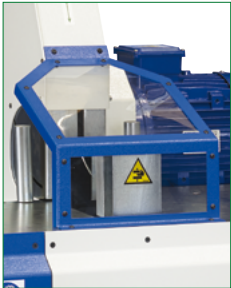
INCLUDED ACCESSORIES



STROKE COUNTER	
SAFETY PROTECTIONS	
SUCTION CONNECTION	

Code: TAGLTF5DECO

TF5 ECO is ideal for cutting flexible hydraulic hoses up to 3" six spirals.
 Blowing kit and fume extractor upon request.






▲ PROTECTION

TECHNICAL DATA

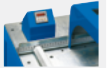

6 SPIRALS	3"
4 SPIRALS	3"
2 BRAIDS	3"
INDUSTRIAL HOSE	4"
MAX Ø	6.299"
REVOLUTIONS/MINUTE	2900
PNEUMATIC INPUT	MAX 7 Bar (100 Psi)
BLADE Ø	20.472"
VOLTAGE	Any 60HZ 3PH
DIMENSIONS LxWxH	41.929"x40.158"x30.315"
WEIGHT	783 Lbs
MOTOR POWER	7.5 Kw (10 Hp) - A= 13.35

INCLUDED ACCESSORIES


SAFETY PROTECTIONS	
ELECTRIC PEDAL	
SUCTION CONNECTION	

OPTIONAL


STROKE COUNTER



MEASURING HOSE HOLDER



CENTRING DEVICE + METER COUNTER (MAX 2")



BASE



FUME EXTRACTOR



BLOWING KIT



SPECIAL VOLTAGES AVAILABLE

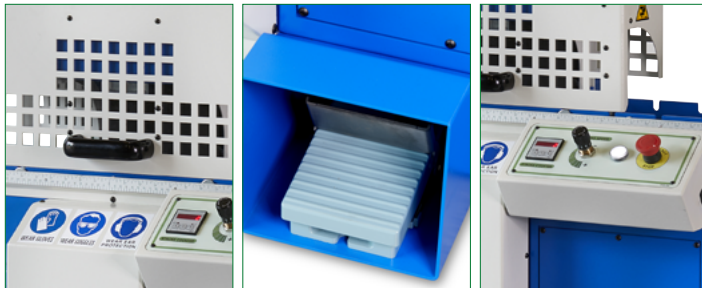


Code: TAGLTF4D

TF4 is ideal for cutting flexible hydraulic hoses up to 2" six spirals.
Fume extractor and blowing kit upon request.

MAIN FEATURES

- Safety door opening;
- Self-braking motor (5,5 Kw);
- Ø 400 mm serrated blade;
- Cutting speed adjustment device;
- Self-centring hose support;
- Pedal-equipped electric control;
- Recessed blade and guards for the operator's safety.
- Potentiometer, which regulates the reflection of the hose-lever once the pedal has been released



▲ SAFETY DOOR OPENING

▲ PEDAL

▲ CONTROL PANEL

OPTIONAL

MEASURING HOSE HOLDER

CENTRING DEVICE + METER COUNTER (MAX 2")

FUME EXTRACTOR

BLOWING KIT

SPECIAL VOLTAGES AVAILABLE

TECHNICAL DATA

6 SPIRALS	2"
4 SPIRALS	2" 1/2
2 BRAIDS	3"
INDUSTRIAL HOSE	3"
MAX Ø	3.937"
REVOLUTIONS/MINUTE	2900
PNEUMATIC INPUT	MAX 7 Bar (100 Psi)
BLADE Ø	15.748"
VOLTAGE	Any 60HZ 3PH
DIMENSIONS LxWxH	44.094"x23.819"x57.283"
WEIGHT	717 lbs
SELF BRAKING MOTOR POWER	5.5 Kw (7.5 Hp) - A= 9.85

INCLUDED ACCESSORIES

SAFETY PROTECTIONS

SUCTION CONNECTION

STROKE COUNTER

Code: TAGLTF3DPI

TF3PI is ideal for cutting flexible hydraulic hoses up to 2" six spirals.

MAIN FEATURES

- Cutting speed adjustment device;
- Suction connection;
- Ø 400 mm serrated blade;
- Pedal-equipped pneumatic control;
- Recessed blade and guards for the operator's safety.



▲ CUTTING SPEED

OPTIONAL

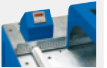
MEASURING HOSE HOLDER



CENTRING DEVICE + METER COUNTER (MAX 2")



STROKE COUNTER



SPECIAL VOLTAGES AVAILABLE



TECHNICAL DATA



6 SPIRALS	2"
4 SPIRALS	2" 1/2
2 BRAIDS	3"
MAX Ø	3.937"
REVOLUTIONS/MINUTE	2900
BLADE Ø	15.748"
VOLTAGE	Any 60HZ 3PH
DIMENSIONS LxWxH	40.354"x27.559"x45.276"
WEIGHT	530 Lbs
MOTOR POWER	5.5 Kw (7.5 Hp) - A= 10.14
PNEUMATIC INPUT	MAX 7 Bar (100 Psi)

INCLUDED ACCESSORIES



SAFETY PROTECTIONS



SUCTION CONNECTION



Code: TAGLTF3D

TF3 is ideal for cutting flexible hydraulic hoses up to 2" six spirals.



MAIN FEATURES

- Suction connection;
- Ø 400 mm serrated blade;
- Mechanical pedal control;
- Recessed blade and guards for the operator's safety.







▲ PROTECTION

TECHNICAL DATA	
6 SPIRALS	2"
4 SPIRALS	2" 1/2
2 BRAIDS	3"
MAX Ø	3.937"
REVOLUTIONS/MINUTE	2900
BLADE Ø	15.748"
VOLTAGE	Any 60HZ 3PH
DIMENSIONS LxWxH	39.370"x27.953"x45.276"
WEIGHT	419 Lbs
MOTOR POWER	5.5 Kw (7.5 Hp) - A= 10.14

INCLUDED ACCESSORIES	
SAFETY PROTECTIONS	
SUCTION CONNECTION	

OPTIONAL

- MEASURING HOSE HOLDER 
- CENTRING DEVICE + METER COUNTER (MAX 2") 
- STROKE COUNTER 
- SPECIAL VOLTAGES AVAILABLE 

Code: TAGLTF3D/E

TF3/E is an inexpensive and compact cutting machine, ideal for cutting flexible hydraulic hoses up to 2" six spirals.



MAIN FEATURES

- Ø 350 mm serrated blade;
- Manually operated;
- Recessed blade and guards for the operator's safety.


TECHNICAL DATA


6 SPIRALS	2"
MAX Ø	3.346"
REVOLUTIONS/MINUTE	2900
BLADE Ø	13.780"
VOLTAGE	Any 60HZ 3PH/1PH
DIMENSIONS LxWxH	29.961"x20.905"x20.039"
WEIGHT	131 Lbs
MOTOR POWER	3Kw (4 HP)

INCLUDED ACCESSORIES


SAFETY PROTECTIONS	
SUCTION CONNECTION	

OPTIONAL


CENTRING DEVICE + METER COUNTER (MAX 2")



SPECIAL VOLTAGES AVAILABLE



Code: TAGLTF2D

TF2 is ideal for cutting flexible hydraulic hoses up to 2" four spirals and 1" 1/2 six spirals.



MAIN FEATURES

- Ø 250 mm serrated blade;
- Mechanical pedal control;
- Recessed blade and guards for the operator's safety.







▲ PROTECTION

TECHNICAL DATA	
6 SPIRALS	1" 1/2
4 SPIRALS	2"
2 BRAIDS	2"
MAX Ø	2.953"
REVOLUTIONS/MINUTE	2900
BLADE Ø	9.843"
VOLTAGE	Any 60HZ 3PH/1PH
DIMENSIONS LxWxH	33.070"x21.654"x45.276")
WEIGHT	290 Lbs
MOTOR POWER	3 Kw (4 Hp)

INCLUDED ACCESSORIES	
SAFETY PROTECTIONS	
SUCTION CONNECTION	

OPTIONAL

- MEASURING HOSE HOLDER 
- CENTRING DEVICE + METER COUNTER (MAX 2") 
- STROKE COUNTER 
- SPECIAL VOLTAGES AVAILABLE 

Code: TAGLTF2D/E

TF2/E is ideal for cutting flexible hydraulic hoses up to 2" four spirals and 1" 1/2 six spirals.

MAIN FEATURES

- Ø 250 mm serrated blade;
- Manually operated;
- Recessed blade and guards for the operator's safety.



▲ CUTTING AREA

OPTIONAL

CENTRING DEVICE + METER COUNTER (MAX 2")

SPECIAL VOLTAGES AVAILABLE

TECHNICAL DATA


6 SPIRALS	1" 1/2
4 SPIRALS	2"
2 BRAIDS	2"
MAX Ø	2.953"
REVOLUTIONS/MINUTE	2900
BLADE Ø	9.843"
VOLTAGE	Any 60HZ 3PH/1PH
DIMENSIONS LxWxH	25.590"x27.559"x16.535"
WEIGHT	97 Lbs
MOTOR POWER	3 Kw (4 Hp)

INCLUDED ACCESSORIES


SAFETY PROTECTIONS



SUCTION CONNECTION



Code: TAGLTF1D/E




The new **TF1/E** is an inexpensive and compact cutting machine, ideal for cutting flexible hydraulic hoses up to 1" 1/4 four spirals and up to 1" six spirals. 12V power pack available upon request.

MAIN FEATURES

- Suction connection
- Manually operated
- Recessed blade for the operator's safety.



TECHNICAL DATA	
6 SPIRALS	1"
4 SPIRALS	1" 1/4
2 BRAIDS	1" 1/4
MAX Ø	2.362"
REVOLUTIONS/MINUTE	2900
BLADE Ø	9.843"
VOLTAGE	Any 60HZ 3PH/1PH
DIMENSIONS LxWxH	20.669"x25.984"x17.559"
WEIGHT	66 Lbs
MOTOR POWER	1.1 Kw (1.5 Hp)

INCLUDED ACCESSORIES	
SUCTION CONNECTION	
OPTIONAL	
12V VOLTAGE	
SPECIAL VOLTAGES AVAILABLE	

Code: TAGLTF1DECO




TF1 ECO is an inexpensive and compact cutting machine, ideal for cutting flexible hydraulic hoses up to 1" four spirals.

MAIN FEATURES

- Manually operated
- Recessed blade and guards for the operator's safety.



TECHNICAL DATA	
4 SPIRALS	1"
2 BRAIDS	1"
MAX Ø	1.771"
REVOLUTIONS/MINUTE	2900
BLADE Ø	9.843"
VOLTAGE	Any 60HZ 3PH/1PH
DIMENSIONS LxWxH	20.315"x23.386"x13.937"
WEIGHT	58.406 Lbs
MOTOR POWER	0.75 Kw (1.0 Hp)

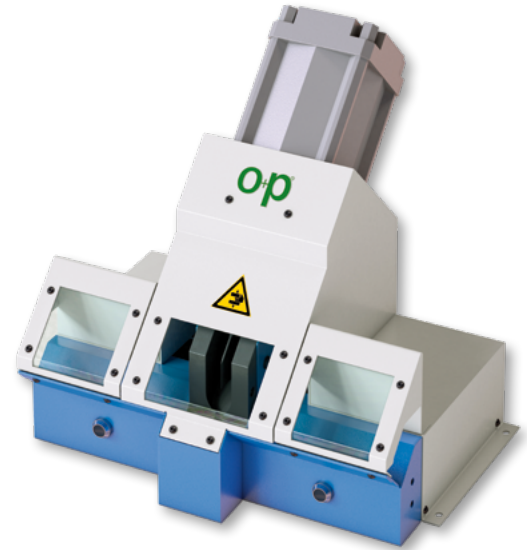
INCLUDED ACCESSORIES	
SUCTION CONNECTION	
OPTIONAL	
12V VOLTAGE	
SPECIAL VOLTAGES AVAILABLE	

Code: TAGLTT30PI

TT30PI is a pneumatic cutting machine (max 6 bar), ideal for cutting low pressure and textile hoses up to 5/8".


MAIN FEATURES

- Pneumatically operated (6 bar) .


DATI TECNICI - TECHNICAL DATA


MAX Ø	1.181"
DIMENSIONS LxWxH	17.322"x 18.307"x16.929"
WEIGHT	66 Lbs

OPTIONAL


PEDAL	
MEASURING HOSE HOLDER	

Code: BLADES

SMOOTH AND TOOTHED CUTTING BLADES*

TECHNICAL DATA

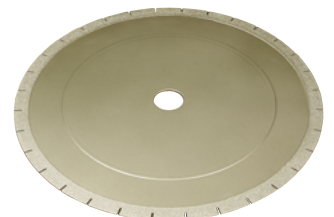
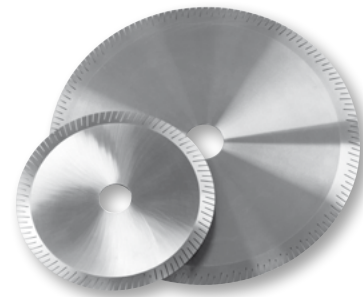
DIMENSIONS (EXT Ø X W X INT. Ø)

Ø 200 x 2,5 x 32
Ø 250 x 3 x 40 (TF2, TF2/E, TF1/E, TF1 ECO)
Ø 275 x 3 x 40
Ø 300 x 3 x 50
Ø 350 x 3 x 50 (TF3/E)
Ø 400 x 4 x 50 (TF4, TF3, TF3 PI)
Ø 520 x 4 x 50 (TF5, TUBOCUT5)
Ø 650 x 6 x 80 (TF6)

* Smooth blades available upon request

DIAMOND BLADES

Diamond blades for special applications. Available Ø: 400 mm, 520 mm and 650 mm. They are ideal for cutting steel spiral hoses type SAE 100R4, that are hardwall smooth rubber hoses suitable for suction and delivery of hydraulic fluids, mineral oil and fuels. They can be also used for cutting reinforced hoses with single steel wire spiral with high strength synthetic textile plies.



DIAMOND BLADE ▶

Code: PRT1080

PRT 1080 is ideal for pricking hoses up to 80 mm (3.150") in diameter.



TECHNICAL DATA



DIMENSIONS LxWxH	6.693"x6.693"x18.701"
WEIGHT	24 Lbs
CAPACITY	Ø 0.394"-3.150"

Code: CONTAPOLLICI

Analogue meter counter with decimal precision.

MAIN FEATURES

- Universal balancing arms and roller guide for hoses from ¼" up to 1" in diameter;
- Suitable for any cutting machine;
- Adjustable height, based on that of the working surface;
- High precision measurement and floor stability.



TECHNICAL DATA



DIMENSIONS LxWxH	32.071"x20.079"x30.701"
WEIGHT	77 Lbs
CAPACITY	Ø Min. 1/4" - Ø Max. 1"
MEASURING TOLERANCE (UNI EN)	± 2%

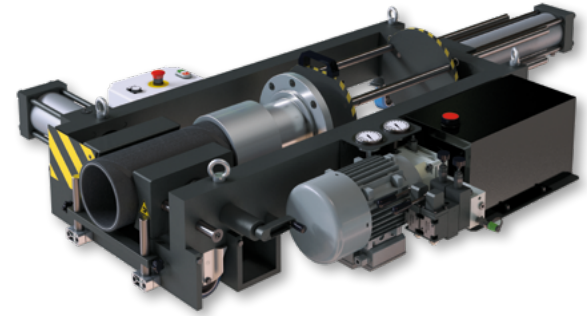


INSERT 08/H

FITTING ASSEMBLY

Code: INS08H

INSERT 08H is an hydraulic equipment designed to achieve a perfect fitting preassembling in hoses (up to 8" in diameter) before crimping.



TECHNICAL DATA



CAPACITY	8"
PUSH FORCE	22.046 Lbs
STANDARD INPUT	110V 60HZ SINGLE PHASE
WEIGHT WITHOUT OIL	992 Lbs
OIL	20 Lt.
DIMENSIONS LxWxH	49.21"x71.85"x13.78"
MOTOR POWER	2 kW (3 HP)
FLANGE MAX DIMENSION ACCEPTED	16.732"

OPTIONAL



SPECIAL VOLTAGES AVAILABLE

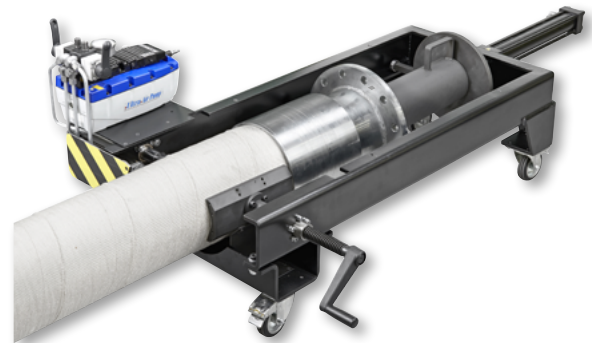


INSERT 08 PSM

FITTING ASSEMBLY

Code: INS08PSM

INSERT 08 PSM is a pneumo-hydraulic equipment designed to achieve a perfect preassembling in hoses (up to 8" in diameter) before crimping.



TECHNICAL DATA



CAPACITY	8"
PUSH FORCE	8818 Lbs
INPUT	MAX 7 Bar (100 Psi)
WEIGHT	298 Lbs
DIMENSIONS LxWxH	144.252"x69.685"x24.567"
FLANGE MAX. DIMENSION	16.732"



INSERT 03/P

FITTING ASSEMBLY

Code: INS03PSM

Insert 03/P is designed to achieve a perfect fitting preassembling in hoses (up to 3" in diameter) before crimping.

MAIN FEATURES

- Pneumatic feeding;
- Vice locking pressure adjustment;
- Cylinder stroke pressure adjustment;
- Selector for cylinder stroke adjustment;
- Self-centering pneumatic vice;
- Semiautomatic cycle.



DATI TECNICI - TECHNICAL DATA



CAPACITY	3"
PNEUMATIC INPUT	MAX 7 Bar (100 Psi)
WEIGHT	518 Lbs
DIMENSIONS LxWxH	33.661"x37.401"x49.212"
VOLTAGE	230V - 1 PH

INCLUDED ACCESSORIES



PEDAL



INSERT 02/P

FITTING ASSEMBLY

Code: INS02PSM

Insert 02/P is designed to achieve a perfect fitting preassembling on hoses (up to 2" in diameter) before crimping.

MAIN FEATURES

- Pneumatic feeding;
- Cylinder stroke pressure adjustment;
- Manual cycle.



TECHNICAL DATA



CAPACITY	2"
PNEUMATIC INPUT	MAX 7 Bar (100 Psi)
WEIGHT	214 Lbs
DIMENSIONS LxWxH	25.787"x40.354"x50.590"

Code: SPELSPF6





SPF6 skiving machine is capable of simultaneously or separately skiving the interior and exterior surface of hydraulic hoses as well as obtaining a perfect preassembly of the fittings thanks to the insertion function it is provided with.


MAIN FEATURES

- Device for centring the return stroke of the piston which allows to accelerate the skiving and insertion function;
- Safety device which prevents the operation of the machine when the safety casing is open;
- Drawer for shavings;
- Self-centering pneumatic vice.



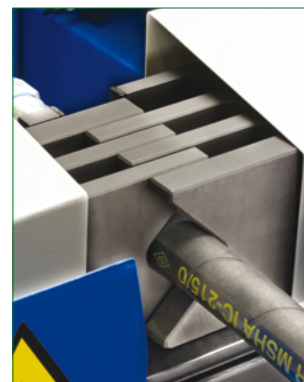
TECHNICAL DATA	
EXTERNAL SKIVING	3"
INTERNAL SKIVING	3"
INSERT CAPACITY	3"
SIMULTANEOUS INT-EXT SKIVING	2"
REVOLUTIONS/MINUTE	300
WORKING CYCLE	Semi-Automatic
PNEUMATIC INPUT	MAX 8 Bar (115 Psi)
WEIGHT	727 Lbs
DIMENSIONS LxWxH	41.339"x51.181"x43.307"
MOTOR POWER	1.1 Kw (1.5 Hp)

INCLUDED ACCESSORIES	
SAFETY PROTECTION	
ELECTRIC PEDAL	
TOOL HOLDER	
DRAWER FOR SHAVINGS	

OPTIONAL	
SPECIAL VOLTAGES AVAILABLE	



◀ SKIVING MANDREL



◀ SELF-CENTERING PNEUMATIC VICE



◀ INSERTING MANDREL

Code: SPELSPF3

This device simultaneously allows skiving the internal and external surface of hydraulic hoses up to a 2" diameter. This characteristic makes it particularly suitable for large-scale production of interlock hoses.


SPF3 is provided with a double cutter for skiving the external surface and a single cutter for internal skiving.



MAIN FEATURES

- Pedal-equipped electric control;
- Pneumatic vice.



TECHNICAL DATA	
EXTERNAL SKIVING	2"
INTERNAL SKIVING	2"
REVOLUTIONS/MINUTE	200
PNEUMATIC INPUT	MAX 7 Bar (100 Psi)
WORKING CYCLE	Manual
WEIGHT	319 Lbs
DIMENSIONS LxWxH	28.543"x31.889"x42.126"
MOTOR POWER	0.75 Kw (1 Hp)
VOLTAGE	Any 60HZ 3PH/1PH

INCLUDED ACCESSORIES	
SAFETY PROTECTION	
ELECTRIC PEDAL	
SAFETY VICE	

OPTIONAL	
TOOL HOLDER	
SPECIAL VOLTAGES AVAILABLE	



◀ SKIVING MANDREL

Code: SPELSPF2

This device allows internal and external skiving of hydraulic hoses up to a 2" diameter. **SPF2** is provided with a fixed tool-holder spindle with only one cutter provided on which is a millimetric ruler which allows setting the skiving distance. Thus, replacement of the pin and adjustment of position of the tool according to the diameter of the hose to be skived is required.

MAIN FEATURES

- Pedal-equipped electric control;
- Pneumatic vice for blocking the hose.



TECHNICAL DATA	
EXTERNAL SKIVING	2"
INTERNAL SKIVING	2"
REVOLUTIONS/MINUTE	300
WEIGHT	181 Lbs
DIMENSIONS LxWxH	25.591"x17.205"x42.795"
STANDARD VOLTAGE	400V 50HZ 3PH
MOTOR POWER	0.75 Kw (1 Hp)

INCLUDED ACCESSORIES	
SAFETY PROTECTION	
ELECTRIC PEDAL	

OPTIONAL	
PNEUMATIC BLOCKING VICE	
TOOL HOLDER	
SPECIAL VOLTAGES AVAILABLE	
PNEUMATIC INPUT	MAX 7 Bar (100 Psi)



◀ SKIVING MANDREL



◀ PNEUMO-HYDRAULIC VICE



◀ ELECTRIC PEDAL

Code: SPELSPF2MS

This device allows skiving the internal and external surface of hydraulic hoses up to a 2" diameter. **SPF2/MS** is provided with a fixed tool-holder spindle with a double cutter for any hose diameter.

This allows considerably saving time given that one just needs to adjust the spindle upon first use without having to reset it at each operation.

MAIN FEATURES

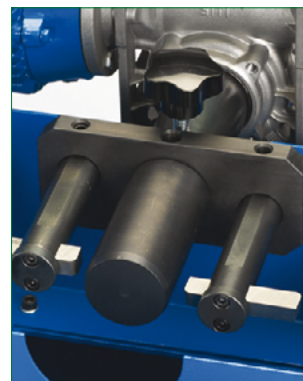
- Pedal-equipped electric control;
- Pneumatic vice for blocking the hose.



TECHNICAL DATA	
EXTERNAL SKIVING	2"
INTERNAL SKIVING	2"
REVOLUTIONS/MINUTE	300
PNEUMATIC INPUT	MAX 7 Bar (100 Psi)
WEIGHT	172 Lbs
DIMENSIONS LxWxH	26.969"x19.685"x44.094"
VOLTAGE	Any 60HZ 3PH/1PH
MOTOR POWER	0.75 Kw (1 Hp)

INCLUDED ACCESSORIES	
SAFETY PROTECTION	
ELECTRIC PEDAL	

OPTIONAL	
PNEUMATIC BLOCKING VICE	
TOOL HOLDER	
TOOL HOLDER STAND	
SPECIAL VOLTAGES AVAILABLE	



◀ SINGLE MANDREL FOR EACH DIAMETER SHARP WITH DOUBLE KNIFE



◀ PNEUMO-HYDRAULIC VICE



◀ ELECTRIC PEDAL

Code: SPELSPF2/E

This device allows internal and external skiving of hydraulic hoses up to a 2" diameter. **SPF2/E** is provided with a fixed tool-holder spindle with only one cutter provided on which is a millimetric ruler which allows setting the skiving distance. Thus, replacement of the pin and adjustment of position of the tool according to the diameter of the hose to be skived is required. Also available in the 12V version, this is the perfect device for outdoor assistance.


MAIN FEATURES




- Pedal-equipped electric control;
- Tool-holder
- Drawer for shavings.



**NEW
RETYLING**

TECHNICAL DATA	
EXTERNAL SKIVING	2"
INTERNAL SKIVING	2"
REVOLUTIONS/MINUTE	300
WEIGHT	110 Lbs
DIMENSIONS LxWxH	26.575"x21.063"x17.205"
STANDARD VOLTAGE	400V 50HZ 3PH
MOTOR POWER	0.75 Kw (1 Hp)

INCLUDED ACCESSORIES	
SAFETY PROTECTION	
ELECTRIC PEDAL	
DRAWER FOR SHAVINGS	

OPTIONAL	
TOOL HOLDER	
12V VOLTAGE	
SPECIAL VOLTAGES AVAILABLE	



◀ SKIVING MANDREL



◀ DRAWER FOR SHAVINGS


Code: SPELSPF1



This device allows internal and external skiving of hydraulic hoses up to a 2" diameter.

SPF1 is provided with a fixed tool-holder spindle with only one cutter provided on which is a millimetric ruler which allows setting the skiving distance. Thus, replacement of the pin and adjustment of position of the tool according to the diameter of the hose to be skived is required.

Light and easy to use, it is the perfect equipment for outdoor service.



TECHNICAL DATA 	
EXTERNAL SKIVING	2"
INTERNAL SKIVING	2"
WEIGHT	15 Lbs
DIMENSIONS LxWxH	18.898"x9.449"x3.937"

OPTIONAL 	
TOOL HOLDER	

Code: MARK01

The **MB20** marker is a hand strike device for marking ferrules up to a 2" diameter. It is provided with three springs which allow increasing or reducing the marking force.



TECHNICAL DATA	
CAPACITY	2"
WEIGHT	62 Lbs
DIMENSIONS LxWxH	9.055"x12.205"x25.984"
N° OF CHARACTERS	15
CHARACTER HEIGHT	0.079"

OPTIONAL	
1 LINE	
2 LINES	
CHARACTERS BOX	H 2 mm

Code: MARK02P

The **MB21** marker is a pneumatic strike device for marking ferrules up to a 2" diameter. It is provided with three springs which allow increasing or reducing the marking force.



TECHNICAL DATA	
CAPACITY	2"
WEIGHT	133 Lbs
DIMENSIONS LxWxH	8.661"x12.205"x25.984"
PNEUMATIC INPUT	MAX 7 Bar (100 Psi)
N° OF CHARACTERS	15
CHARACTER HEIGHT	0.079"

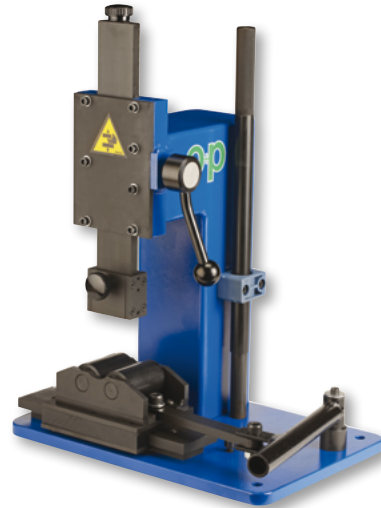
OPTIONAL	
1 LINE	
2 LINES	
CHARACTERS BOX	H 2 mm

Code: MARKHP1

The **HP1** marker is a hand rolling device for marking ferrules up to a 2" diameter.



MAIN FEATURES

- One line character holder included



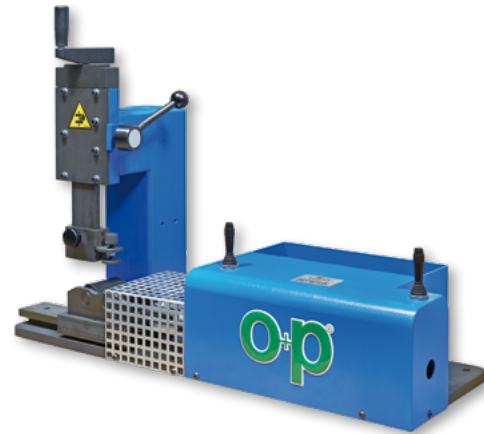
TECHNICAL DATA	
CAPACITY	2"
WEIGHT	60 Lbs
DIMENSIONS LxWxH	19.685"x9.842"x19.685"
N° OF CHARACTERS	16
CHARACTER HEIGHT	0.118"

INCLUDED ACCESSORIES	
1 LINE	


OPTIONAL	
2 LINES	
PROGRESSIVE COUNTER	
CHARACTERS BOX	H 3 mm



Code: MARKHP1PN

The **HP1PN** marker is a pneumatic rolling device for marking ferrules up to a 2" diameter.



TECHNICAL DATA	
CAPACITY	2"
WEIGHT	110 Lbs
DIMENSIONS LxWxH	28.346"x9.843"x20.472"
PNEUMATIC INPUT	MAX 6 Bar (87 Psi)
N° OF CHARACTERS	16
CHARACTER HEIGHT	0.118"

INCLUDED ACCESSORIES	
1 LINE	

OPTIONAL - OPTIONAL	
2 LINES	
PROGRESSIVE COUNTER	
CHARACTERS BOX	H 3 mm



Code: MARKLINE

The **semiautomatic marking line** has been conceived to mark hydraulic hoses to be rewinded in coils. Thanks to the semiautomatic system, the user can accurately control and perform the winding-marking-rewinding phases, saving a lot of time.

MAIN FEATURES

- Modular floor;
- Winding/rewinding manual device model AV01 with roller centering device;
- Centering device with modular adjusting supports;
- Ink marking device;
- Quick drying system;
- Winding/rewinding AV01EL with roller centering device;
- Winding mobile control board with emergency button.



▲ MARKING DEVICE WITH ENCODER CONTROL

TECHNICAL DATA	
WEIGHT	794 Lbs
DIMENSIONS	182.08"x41.73"x55.31"
VOLTAGE	Any 60HZ 3PH
PNEUMATIC INPUT	6 bar
AV01EL MOTOR POWER	0.67 - 0.36 Kw (0.9 - 0.5 Hp)

OPTIONAL	
SPECIAL VOLTAGES AVAILABLE	

INCLUDED ACCESSORIES	
WINDING / REWINDING: AV01 WHEEL Ø1000	
ROLLER CENTERING DEVICE	
MARKING MACHINE WITH ENCODER	
WINDING / REWINDING: AV01EL WHEEL Ø1000	
MOBILE CONTROL BOARD WITH EMERGENCY BUTTON	
MODULAR FLOOR	



LAVAMATIC 200

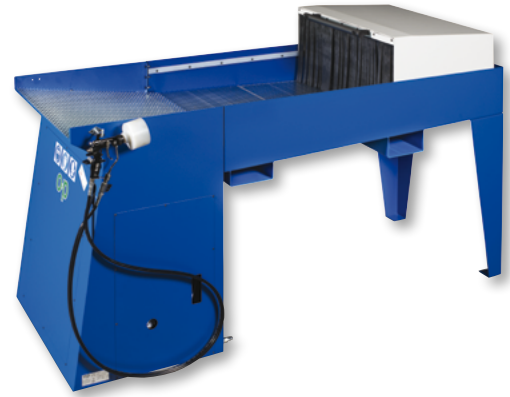
WASHING

Code: LAV200

Lavamatic 200 is the new equipment for internal cleaning of flexible hoses. Cleaning is carried out by means of a spray gun for introducing a specific solvent into the hose. The detergent action of the solvent combines with the pressure that develops inside the component to eliminate any deposits possibly accumulated therein.

MAIN FEATURES

- Adaptor for hoses up to 2".



TECHNICAL DATA



CAPACITY	2"
PNEUMATIC INPUT	6 Bar (87 Psi)
AIR CONSUMPTION	7 Lt./Min.
EXIT PRESSURE	60 Bar (870 Psi)
TANK CAPACITY	60 Lt.
WASHING LIQUID	SOLVENT
WEIGHT WITHOUT LIQUID	518 Lbs
DIMENSIONS LxWxH	78.740"x31.496"x47.047"
CLEANING STANDARD	NAS 1638: 8 ISO 4406: 16/13

ACCESSORI INCLUSI - INCLUDED ACCESSORIES



ADAPTER



SPEEDY CLEAN

WASHING

Code: CARRLAV

Speedy Clean is an efficient and inexpensive system for internal cleaning of hoses. Cleaning is carried out by means of a spray gun for introducing a specific solvent into the hose. The detergent action of the solvent combines with the pressure that develops inside the component to eliminate any deposits possibly accumulated therein. Speedy Clean is equipped with wheels for a better movement and it is also equipped with a connector for compressed air.

MAIN FEATURES

- Adaptor for hoses up to 2"
- 30 litre tank
- Hydraulic power pack.

TECHNICAL DATA



CAPACITY	2"
PNEUMATIC INPUT	6 Bar (87 Psi)
AIR CONSUMPTION	7 Lt./Min.
EXIT PRESSURE	60 Bar (870 Psi)
TANK CAPACITY	35 Lt.
WASHING LIQUID	SOLVENT
WEIGHT WITHOUT LIQUID	264 Lbs
DIMENSIONS LxWxH	20.866"x40.945"x37.795"
CLEANING STANDARD	NAS 1638: 8 ISO 4406: 16/13



INCLUDED ACCESSORIES



ADAPTER



Code: CARRFILT

This small and functional device filters and decants hydraulic oil from the tanks of crimpers, machinery, steelworks systems and other general hydraulic systems. The constant use of the **CF1** filtering trolley prevents wear upon pumps, motors, cylinders, and valves, as well as their moving parts and seals, thereby drastically reducing machinery down time and costs related to maintenance and lost productivity.

TECHNICAL DATA

DELIVERY FILTERING	25 MICRON
SUCTION FILTERING	125 MICRON
WEIGHT	132 Lbs
DIMENSIONS LxWxH	29.528"x17.323"x37.402"
VOLTAGE	Any 60HZ 3PH/1PH
PUMP DELIVERY	39 Lt./Min.
MOTOR POWER	0.55 Kw (0.75 Hp)



OPTIONAL

10-20 MICRON FILTER



SPECIAL VOLTAGES AVAILABLE



Code: CARRFILT02

CF2 filters and decants hydraulic oil from the tanks of crimpers, machinery, steelworks systems and other general hydraulic systems. Its constant use prevents wear upon pumps, motors, cylinders, and valves, as well as their moving part and seals, thereby drastically reducing machinery down time and costs related to maintenance and lost productivity.

TECHNICAL DATA

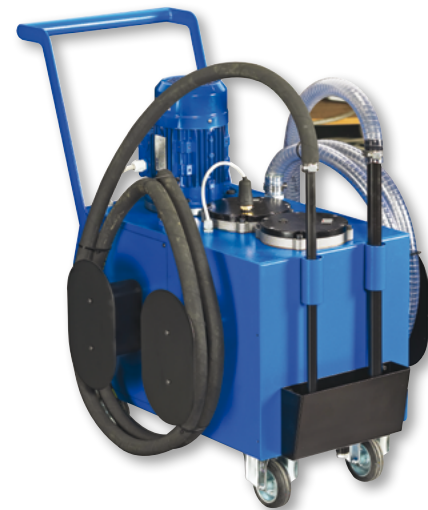
DELIVERY FILTERING	25 MICRON
SUCTION FILTERING	125 MICRON
WEIGHT	192 Lbs
DIMENSIONS LxWxH	23.622"x35.630"x35.236"
VOLTAGE	Any 60HZ 3PH/1PH
PUMP DELIVERY	39 Lt./Min.
MOTOR POWER	0.55 Kw (0.75 Hp)

INCLUDED ACCESSORIES

DIGITAL LITRE COUNTER



ELECTRICAL FILTER CLOGGING INDICATOR



OPTIONAL - OPTIONAL

10-20 MICRON FILTER



SPECIAL VOLTAGES AVAILABLE





Code: SROTSR8

This device is conceived to help you organize your work to the utmost and keep your workshop as tidy as possible. The **SR8** version is provided with eight moveable supports which facilitate loading and unloading of the hose coils.



TECHNICAL DATA 	
MAX LOADING	3792 Lbs
ONE ARM LOADING	473 Lbs
HOSE HOLDER Ø	39.370"
WEIGHT	474 Lbs
MAX. VOLUME LxH	93.503"x85.629"



Code: SROTSR6

This device is conceived to help you organize your work to the utmost and keep your workshop as tidy as possible. The **SR6** version is provided with six moveable supports which facilitate loading and unloading of the hose coils.



TECHNICAL DATA 	
MAX LOADING	1450 Lbs
ONE ARM LOADING	240 Lbs
HOSE HOLDER Ø	29.528"
WEIGHT	198 Lbs
MAX. VOLUME LxWxH	41.732"x41.732"x77.952"

Code: SROTSRB6

This device is conceived to help you organize your work to the utmost and keep your workshop as tidy as possible. The **SRB6** version is provided with six supports which facilitate winding of the hose reels, and it is suitable to host both standard and 18"-21" hose reels.


TECHNICAL DATA


MAX LOADING	2650 Lbs
ONE ARM LOADING	352 Lbs
WEIGHT	240 Lbs
MAX. VOLUME LxWxH	62.992"x62.992"x90.551"

Code: SROTSRB6/1

This device is conceived to help you organize your work to the utmost and keep your workshop as tidy as possible. It is provided with six supports which facilitate winding of the hose reels.


TECHNICAL DATA


MAX LOADING	2844 Lbs
ONE ARM LOADING	474 Lbs
WEIGHT	377 Lbs
DIMENSIONS LxH	93.38"x79.19"



Code: PORTATUBO

Convenient, sturdy and equipped with wheels that make it easy to move, O+P **Hose Carrier** is the right support for your hose assembly department. Designed to carry a large amount of flexible hoses of considerable weight and dimensions, it's the best way to organize your work



TECHNICAL DATA



MAX LOADING	1323 Lbs
ONE ARM LOADING	330 Lbs
WEIGHT	198 Lbs
DIMENSIONS LxWxH	36.142"x51.181"x79.527"



Code: PORTATUBO2

Convenient, sturdy and equipped with wheels that make it easy to move. O+P hose carrier is the right support for your hose assembly department. Designed to carry a large amount of flexible hoses of considerable weight and dimensions, it's the best way to organize your work.



TECHNICAL DATA



MAX LOADING	1220 Lbs
WEIGHT	209 Lbs
DIMENSIONS LxWxH	59.14"x27.18"x56.74"



AV01 ACCESSORIES

Code: SROTAV01

Manual winding/rewinding device provided with adjustable supports to adapt to various diameters of the hose.

MAIN FEATURES

- Manually operated;
- Adjustable hose locker included.
- Removable spacers.

TECHNICAL DATA



MAX LOADING	530 Lbs
HOSE HOLDER Ø	39.370" 59.055"
WEIGHT	132 Lbs
DIMENSIONS LxWxH	59.055"x59.055"x52.165"

INCLUDED ACCESSORIES



ADJUSTABLE HOSE LOCKER



OPTIONAL



ROLLER CENTERING DEVICE



REEL CENTERING DEVICE



AV01 EL ACCESSORIES

Code: SROTAV01EL

Electrical winding/rewinding device provided with adjustable supports to adapt to various diameters of the hose.

MAIN FEATURES

- Adjustable hose locker included;
- Control by electric pedal.
- Removable spacers.

TECHNICAL DATA



MAX LOADING	530 Lbs
HOSE HOLDER Ø	39.370" 59.055"
VOLTAGE	Any 60HZ 3PH
MOTOR POWER	0.67 - 0.36 Kw (0.9-0.5 Hp)
ROTATION SPEED (rpm)	12.5-25
WEIGHT	198 Lbs
DIMENSIONS LxWxH	59.055"x59.055"x52.165"

INCLUDED ACCESSORIES



ADJUSTABLE HOSE LOCKER



OPTIONAL



ROLLER CENTERING DEVICE



REEL CENTERING DEVICE



SPECIAL VOLTAGE AVAILABLE

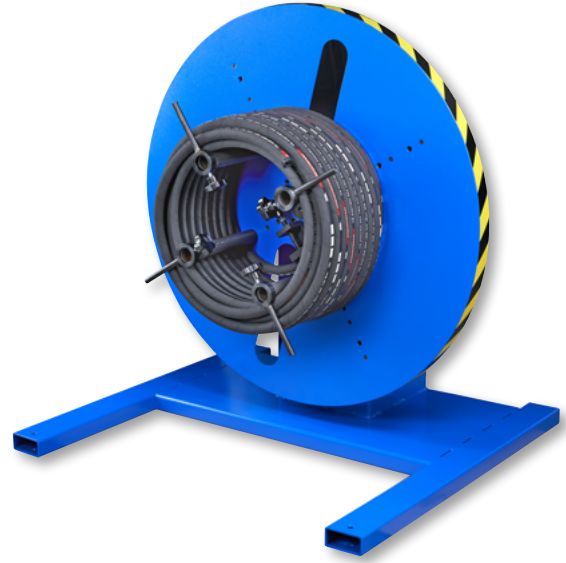



Code: SROTAV01V

Vertical winding/rewinding device provided with adjustable supports to adapt to various diameters of the hose.



MAIN FEATURES

- Manually operated;
- Mechanical brake with locking handwheel.



TECHNICAL DATA 	
MAX LOADING	530 Lbs
HOSE HOLDER Ø	41.732"
WEIGHT	317 Lbs
DIMENSIONS LxWxH	43.307"x39.370"x45.472"

INCLUDED ACCESSORIES 	
ADJUSTABLE HOSE LOCKER	

OPTIONAL 	
REEL CENTERING DEVICE 	



Code: SROTAV02EL

Electric winding/unwinding device provided with adjustable supports to adapt to various diameters of the hose.

MAIN FEATURES

- Adjustable hose locker included;
- Control by electric pedal.



TECHNICAL DATA	
MAX LOADING	1102 Lbs
HOSE	2" 1/2
HOSE HOLDER Ø	77.165"
VOLTAGE	Any 60HZ 3PH
MOTOR POWER	4 Kw (5 Hp)
ROTATION SPEED (rpm)	0-50
CONTINUOUS MOTORISED ADJUSTMENT OF THE HOSE SUPPORT ANGLE	0° - 90°
0 - 90° ANGULAR INCLINATION OF SPEED	5.5 sec.
WEIGHT WITHOUT OIL	1091 Lbs
DIMENSIONS LxWxH	80.701"x80.701"x82.283"
OIL	6 Lt.

INCLUDED ACCESSORIES	
ADJUSTABLE HOSE LOCKER	
MANUAL ROTATION OPTION DISCONNECTING THE MOTOR	
LOWER SLIDING HOSE ROLLERS	
COIL ANTI-DROP SYSTEM	
MANUAL ADJUSTMENT OF THE COIL CENTRING PINS	
ELECTRIC TILT REGULATION	
OPTIONAL	
REEL CENTERING DEVICE	
SPECIAL VOLTAGES AVAILABLE	



Code: PFORFSDIN

Thread checker for **ORFS** and **DIN**.



Code: PFBSPJICMETRICO

Thread checker for **BSP, JIC** and **METRIC**.





BC 4500 ES



TESTING





Code: BC4500ES

Bench for destructive tests, up to 4500 bar, provided with pneumo-hydraulic pump with automatic PLC control.



TECHNICAL DATA	
STATIC PRESSURE	4500 Bar (65250 Psi)
IMPULSE PRESSURE	4500 Bar (65250 Psi)
MIN. STARTING PRESSURE	100 Bar (1450 Psi)
PRESSURE CONTROL	Automatic
TEST	Automatic
TYPE OF DRIVE	Pneumatic Intensifier
TESTING LIQUID	Fluid
N° MANIFOLDS	2
N° MANIFOLD CONNECTIONS	2 x M16 x 1,5 mm
LIQUID FILLING	Semi-automatic
FILLING FLOW	25 Lt./min.
PRESSURE PUMP FLOW	0.92 Lt/min
PRESSURE DISCHARGE	Automatic
DOOR ELECTRIC SAFETY DEVICE	Automatic
PRESSURE GAUGE	Digital
STANDARD TEST DIMENSIONS	86.614"x35.433"
BENCH DIMENSIONS	97.244"x37.402"x51.181"
AIR CONSUMPTION	1500 Lt./min.
TANK	100 Lt.
VOLTAGE	Any 60HZ 3PH
WEIGHT WITHOUT OIL	1500 Lbs

INCLUDED ACCESSORIES	
AUTOMATIC CONTROL WITH PLC	
INTERNAL LIGHTNING	
SHOCK-PROOF TESTING WINDOWS	
SUCTION FILTER	
DELIVERY FILTER	
BURST-PROOF PROTECTION	
SHELVES FOR TOOLS	
SLIDING MANIFOLDS	
PEAK PRESSURE MEMORY	
TEMPERATURE ALARM	
LEVEL ALARM	
AUTOMATIC DOOR OPENING	
USB CONNECTION CONFIGURATION	
PDF FILE PRINTING	

OPTIONAL	
3000 MM (118.11") TESTING CHAMBER	
ADAPTORS	
PC CONNECTION	
SPECIAL VOLTAGES AVAILABLE	



BC 1200-2000 and BC 1200-2000 WATER

TESTING

Code: BC1200ES-BC2000ES BC1200ES/WATER BC2000ES/WATER

1200 and 2000 bar test bench, provided with pneumo-hydraulic pump.

Automatic door opening and luminous signal.

Lighted internal chamber protected by a shock-proof testing window; oil protecting mesh and shelves for tools. Static and impulse pressure by air-oil pressure multiplier.

PLC control.

Water version with chamber and components in stainless steel.



◀ WATER VERSION WITH CHAMBER AND COMPONENTS IN STAINLESS STEEL

TECHNICAL DATA



STATIC PRESSURE	1200-2000 Bar (11600-17400-29000 Psi)	
IMPULSE PRESSURE	1200-2000 Bar (11600-17400-29000 Psi)	
1200 Bar MIN. STARTING PRESSURE	30 Bar (435 Psi)	
2000 Bar MIN. STARTING PRESSURE	50 Bar (725 Psi)	
PRESSURE CONTROL	Automatic	
TEST	Automatic	
TYPE OF DRIVE	Pneumatic Intensifier	
TESTING LIQUID	Fluid or water	
N° MANIFOLDS	2	
N° MANIFOLD CONNECTIONS	15x1/4" BSP	
LIQUID FILLING	Automatic	
FILLING FLOW	Fluid version 25 Lt./min.	Water version 17 Lt./min.
PRESSURE PUMP FLOW	BC 1200 1.55 Lt./min.	BC 2000 0.66 Lt./min.
HOSE EMPTYING SYSTEM	Automatic	
PRESSURE DISCHARGE	Automatic	
PRESSURE DISPLAY	Digital	
AUTOMATIC DOOR SAFETY DEVICE	Fluid version electric	Water version mechanical
STANDARD CHAMBER DIMENSIONS	86.614"x35.433"	
BENCH DIMENSIONS	106.299"x38.583"x66.930"	
AIR CONSUMPTION	1500 Lt./min.	
TANK	100 Lt.	
VOLTAGE	Any 60HZ 3PH	
WEIGHT WITHOUT OIL/WATER	2150 Lbs	

INCLUDED ACCESSORIES



- AUTOMATIC CONTROL WITH PLC
- AUTOMATIC DOOR OPENING
- INTERNAL LIGHTING
- SHOCK-PROOF TESTING WINDOWS
- SUCTION FILTER
- DELIVERY FILTER
- INTERNAL OIL PROTECTING MESH
- SHELVES FOR TOOLS
- SLIDING MANIFOLDS
- PEAK PRESSURE MEMORY
- TEMPERATURE ALARM
- LEVEL ALARM
- USB CONNECTION CONFIGURATION
- PDF FILE PRINTING



OPTIONAL



- SAE CONNECTIONS
- ADAPTORS
- BURST-PROOF PROTECTION
- 3000 MM TESTING CHAMBER
- WASHING DEVICE
- PC CONNECTION
- SPECIAL VOLTAGES AVAILABLE





BC 1200/E ES

TESTING

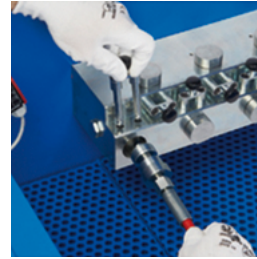
Code: BC1200EES

Up to 1200 bar test bench provided with automatic PLC control and hydraulic multiplier.

Not suitable for burst tests.



◀ ADAPTORS



ADAPTER WITH QUICK COUPLING

TECHNICAL DATA



STATIC PRESSURE	1200 Bar (17400 Psi)
IMPULSE PRESSURE	1200 Bar (17400 Psi)
MIN. STARTING PRESSURE	100 Bar (1450 Psi)
PRESSURE CONTROL	Automatic
TEST	Automatic
TYPE OF DRIVE	Hydraulic intensifier
TESTING LIQUID	Fluid
N° MANIFOLDS	2
N° MANIFOLD CONNECTIONS	N°06 Special Quick Connection N°2 1/4" BSP
LIQUID FILLING	Automatic
FILLING FLOW	17 Lt./min.
PRESSURE DISCHARGE	Automatic
DOOR MECHANICAL SAFETY DEVICE	Automatic
DOOR ELECTRIC SAFETY DEVICE	Automatic
STANDARD CHAMBER DIMENSIONS	78.740"x32.677"
BENCH DIMENSIONS	98.425"x37.598"x47.244"
TANK	110 Lt.
VOLTAGE	Any 60HZ 3PH
WEIGHT WITHOUT OIL	1323 Lbs
FIXED VOLUME MULTIPLIER	OIL VOLUME 0.325 Lt

INCLUDED ACCESSORIES



- INTERNAL LIGHTING
- SHOCK-PROOF TESTING WINDOWS
- SUCTION FILTER
- DELIVERY FILTER
- INTERNAL OIL PROTECTING MESH
- SHELVES FOR TOOLS
- SLIDING MANIFOLDS
- MANUAL DOOR OPENING
- AUTOMATIC CONTROL WITH PLC
- USB CONNECTION CONFIGURATION
- PDF FILE PRINTING



OPTIONAL



- PC CONNECTION
- SPECIAL VOLTAGES AVAILABLE
- ADAPTER: 3/8" - 1/2" - 3/4" - 1" - 1 1/4" - 1 1/2" - 2"





BC 800/W - ES

TESTING

Code: BC800/WES

Test bench up to 800 bar provided with PLC automatic control (ES) and pneu-mo-hydraulic multiplier.

Ideal for testing palletised hose coils.

This bench is provided with big and sturdy lighted chamber, oil protecting mesh, shock-proof testing window with automatic opening-closing, control board and safety luminous signal.

Chamber and components also available in stainless steel for water tests.





DATI TECNICI - TECHNICAL DATA



STATIC PRESSURE	800 Bar (11600 Psi)
IMPULSE PRESSURE	800 Bar (11600 Psi)
MIN. STARTING PRESSURE	30 Bar (435 Psi)
PRESSURE CONTROL	Automatic (ES) Semi-automatic (EL)
TEST	Semi-automatic
TYPE OF DRIVE	Pneumatic Intensifier
TESTING LIQUID	Fluid
N° MANIFOLDS	2
MANIFOLD CONNECTIONS	1 x 1/2" BSP
SAE MANIFOLD CONNECTIONS	1 x 2" 6000 PSI
LIQUID FILLING	Semi-automatic
FILLING FLOW	25 Lt./min.
PRESSURE PUMP FLOW	10.5 Lt./min.
HOSE EMPTING SYSTEM	Semi-automatic
PRESSURE DISCHARGE	Automatic
DOOR MECHANICAL SAFETY DEVICE	Automatic
DOOR ELECTRIC SAFETY DEVICE	Automatic
STANDARD CHAMBER DIMENSIONS	74.860"x59.055"x28.346"
BENCH DIMENSIONS	103.149"x70.078"x60.236"
TANK	250 Lt.
WEIGHT WITHOUT OIL	2127 Lbs
VOLTAGE	Any 60HZ 3PH

INCLUDED ACCESSORIES



- AUTOMATIC CONTROL WITH PLC 
- INTERNAL LIGHTING
- SHOCK-PROOF TESTING WINDOWS
- SUCTION FILTER
- DELIVERY FILTER
- INTERNAL OIL PROTECTING MESH
- PEAK PRESSURE MEMORY
- TEMPERATURE ALARM
- LEVEL ALARM
- USB CONNECTION CONFIGURATION 
- PDF FILE PRINTING

OPTIONAL



- ADAPTORS 
- PC CONNECTION 
- SPECIAL VOLTAGES AVAILABLE 



BC 1500 E/WATER

TESTING

Code: BC1500E/WATER

Water test bench up to 1500 bar, very easy to use, provided with three Ø 1/4" gas couplings, analogue pressure gauge and pneumo-hydraulic pump. Pressure control and discharge, testing and liquid filling are manually made. Chamber and components are made in stainless steel



TECHNICAL DATA



STATIC PRESSURE	1500 bar (21756 Psi)
MIN. STARTING PRESSURE	70 bar (1015 Psi)
PRESSURE CONTROL	Manual
TEST	Manual
TYPE OF DRIVE	Pneumatic Intensifier
TESTING LIQUID	Water
N° MANIFOLDS	1
LIQUID FILLING	Manual
FILLING FLOW	1.55 Lt/min.
PRESSURE PUMP FLOW	1.55 Lt/min.
PRESSURE DISCHARGE	Manual
STANDARD CHAMBER DIMENSIONS	78.740"x33.307"
BENCH DIMENSIONS	92.520"x39.370"x46.063"
WEIGHT WITHOUT WATER	423 Lbs

INCLUDED ACCESSORIES



SHOCK-PROOF TESTING WINDOWS

DELIVERY FILTER

OPTIONAL



ADAPTER: 3/8" - 1/2" - 3/4" - 1" - 1 1/4" - 1 1/2" - 2"

PRESSURE REPORT KIT



BC 1200/E

TESTING

Code: BC1200E

Up to 1200 bar test bench provided with manual control and hydraulic multiplier.

Not suitable for burst tests.



TECHNICAL DATA



STATIC PRESSURE	1200 Bar (17400 Psi)
IMPULSE PRESSURE	1200 Bar (17400 Psi)
MIN. STARTING PRESSURE	100 Bar (1450 Psi)
PRESSURE CONTROL	Manual
TEST	Manual
TYPE OF DRIVE	Hydraulic intensifier
TESTING LIQUID	Fluid
N° MANIFOLDS	2
N° MANIFOLD CONNECTIONS	N°01 Special Quick Connection N°2 1/4" BSP
LIQUID FILLING	Manual
FILLING FLOW	17 Lt./min.
PRESSURE DISCHARGE	Manual
PRESSURE GAUGE	Analogic
DOOR MECHANICAL SAFETY DEVICE	Automatic
DOOR ELECTRIC SAFETY DEVICE	Automatic
STANDARD CHAMBER DIMENSIONS	78.740"x32.677"
BENCH DIMENSIONS	98.425"x34.449"x47.244"
TANK	110 Lt.
VOLTAGE	Any 60HZ 3PH
WEIGHT WITHOUT OIL	1014 Lbs
FIXED VOLUME MULTIPLIER	OIL VOLUME 0.325 Lt.



ADAPTER WITH QUICK COUPLING


INCLUDED ACCESSORIES



- SUCTION FILTER
- DELIVERY FILTER

OPTIONAL



- SPECIAL VOLTAGES AVAILABLE 
- ADAPTER: 3/8" - 1/2" - 3/4" - 1" - 1 1/4" - 1 1/2" - 2"
- PRESSURE REPORT KIT



ADAPTORS



BC 1200 ECO and BC 1200 ECO WATER

TESTING

Code: BC1200ECO BC1200ECO/WATER

Test bench up to 1200 bar, small and easy to use, provided with a Ø 1/4" gas quick coupling, analogue pressure gauge and pneumo-hydraulic pump.

Pressure control and discharge, testing and liquid filling are manually made.

Not suitable for burst tests.

Water version with chamber and components in stainless steel.



◀ WATER VERSION WITH CHAMBER AND COMPONENTS IN STAINLESS STEEL

TECHNICAL DATA



STATIC PRESSURE	1200 Bar (17400 Psi)
MIN. STARTING PRESSURE	70 Bar (1015 Psi)
PRESSURE CONTROL	Manual
TEST	Manual
TYPE OF DRIVE	Pneumatic Intensifier
TESTING LIQUID	Fluid or water
N° MANIFOLDS	1
N° MANIFOLD CONNECTIONS	Special Quick Connection
LIQUID FILLING	Manual
PRESSURE PUMP FLOW	0.3 Lt./min.
PRESSURE DISCHARGE	Manual
STANDARD CHAMBER DIMENSIONS	47.250"x21.650"x9.800"
BENCH DIMENSIONS	59.055"x23.600"x47.250"
TANK	30 Lt.
WEIGHT WITHOUT OIL	364 Lbs
WEIGHT WITHOUT WATER	286 Lbs



ADAPTER WITH QUICK COUPLING

TECHNICAL DATA



- SHOCK-PROOF WINDOWS
- SUCTION FILTER
- DELIVERY FILTER
- INTERNAL OIL PROTECTING MESH
- ADAPTER WITH QUICK COUPLING 1/4"

OPTIONAL



- ADAPTER: 3/8" - 1/2" - 3/4" - 1" - 1 1/4" - 1 1/2" - 2"
- PRESSURE REPORT KIT



◀ ADAPTORS



BC 1200 ES/F TESTING

Code: BC1200ES/F

The testing bench **BC1200ES/F** is very interesting for its flexible configuration: infact it is provided with mobile manifolds, with quick couplings and a larger number of nipple threads and holes for SAE flanges.

The internal testing room, 4000 mm long, is lit and provided with anti-oil mesh and shock-proof window.

The platform, inside the testing compartment, makes the bench perfectly suitable for testing hose coils on pallet.

The pressure (static and impulse up to 1200 bar), the filling and the emptying of the test fluid are automatically controlled by PLC with touch screen or remotely.



◀ PLATFORM FOR TESTING HOSE COILS ON PALLET



◀ FLEXIBLE CONFIGURATION OF THE MOBILE MANIFOLD

SPECIAL AND CUSTOMIZED TEST BENCHES ON REQUEST

TECHNICAL DATA	
STATIC PRESSURE	1200 bar (14404 Psi)
IMPULSE PRESSURE	1200 bar (14404 Psi)
MIN. STARTING PRESSURE	30 Bar (435 Psi)
PRESSURE CONTROL	Automatic
TEST	Automatic
TYPE OF DRIVE	Pneumatic Intensifier
TESTING LIQUID	Fluid
N° MANIFOLDS	2
N° MANIFOLD CONNECTIONS	1
LIQUID FILLING	Automatic
FILLING FLOW	25 Lt./min.
PRESSURE PUMP FLOW	1.55 Lt./min.
HOSE EMPTYING SYSTEM	Automatic
PRESSURE DISCHARGE	Automatic
DOOR ELECTRIC SAFETY DEVICE	Automatic
PRESSURE DISPLAY	Digital
STANDARD CHAMBER DIMENSIONS	157.480"x50.78"x35"
BENCH DIMENSIONS	161.417"x55.118"x80.708"
AIR CONSUMPTION	1500 Lt./min.
TANK	150 Lt.
VOLTAGE	Any 60HZ 3PH
WEIGHT WITHOUT OIL	3589 Lbs

INCLUDED ACCESSORIES	
AUTOMATIC CONTROL WITH PLC	
INTERNAL LIGHTNING	
SHOCK-PROOF TESTING WINDOWS	
SUCTION FILTER	
DELIVERY FILTER	
INTERNAL OIL PROTECTING MESH	
SHELVES FOR TOOLS	
SLIDING MANIFOLDS	
PEAK PRESSURE MEMORY	
TEMPERATURE ALARM	
LEVEL ALARM	
AUTOMATIC DOOR OPENING	
USB CONNECTION CONFIGURATION	
PDF FILE PRINTING	

OPTIONAL	
PRESSURE CONTROL	
ADAPTERS	
WASHING DEVICE	
PC CONNECTION	
SPECIAL VOLTAGES AVAILABLE	



O+P's **Mobile Hose Workshop** is a fully equipped container for hose assembly.

This innovative solution finds its perfect application in building sites, construction industry and all those situations requiring an assistance centre always close at hand.

This mobile unit is complete with:

- | | |
|-------------------------|--|
| 1. Crimping machine | 7. Compressor and air system |
| 2. Cutting machine | 8. Air conditioner/Heating |
| 3. Skiving machine | 9. Electrical system/Lighting system |
| 4. Hose reel holders | 10. Inner coating with insulated surface |
| 5. Shelves for fittings | 11. Non-slip floor |
| 6. Work bench with vice | 12. Tools holder |



Customised upon request.

RETENTION SYSTEM FOR PRESSURE HOSES

SAFETY GUARANTEE

The energy contained within a pressure hose, in case of disconnection from the fitting, can be very dangerous to anyone or anything in its vicinity.

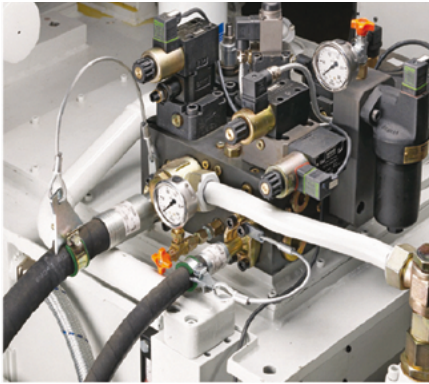
The Stopflex retention system was designed to arrest the trajectory of the flexible hose, thus avoiding that the energy contained inside may trigger a frightening "whip effect".

As a matter of fact, thanks to the **Stopflex** system, the hose is secured to the plant by means of a cable protecting both the operators and components.

ISO 4413 HYDRAULIC FLUID POWER, GENERAL RULES RELATING TO SYSTEM:

"Should the rupture of a hose assembly represent a whiplash hazard, the latter shall be restrained or shielded".

IMPROVED PERFORMANCE



Display racks available upon request for our dealers.

USE FLEXIBILITY

Stopflex components can be applied to all kinds of flexible hoses.

A band, equipped with a rubber gasket, remains perfectly secured, simultaneously allowing the hose to swell according to the working pressure.

The retaining components can be secured to nipples, to SAE flanges or other system components.

TESTED PROTECTION

The Stopflex system, upon correct mounting, was manufactured and tested to ensure the retention of the hose up to the maximum pressure indicated in this catalogue in compliance with the following standards regulating the manufacture of hydraulic flexible hoses:

EN 853 EN 854 EN 855
EN 856 EN 857 SAE J517

Not suitable for high pressure air and compressed gas hoses

N.B.

In the market there are hydraulic flexible hoses capable of exceeding the pressures indicated in this catalogue. In case you encounter such hoses, please contact our technical department for further ascertainment regarding application thereof.

E-mail: service@op-srl.it

BASICS OF USE

STEP 1: DISENGAGEMENT

The Stopflex system does not operate during the step of disengaging the flexible hose, but, if applied correctly, it ensures that the hose is fully disengaged from the ferrule that restrains it. During this step, the flexible hose gains velocity and power due to the pressure increase of the oil contained therein.

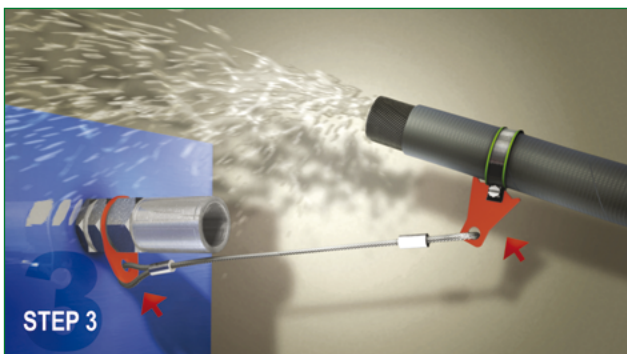
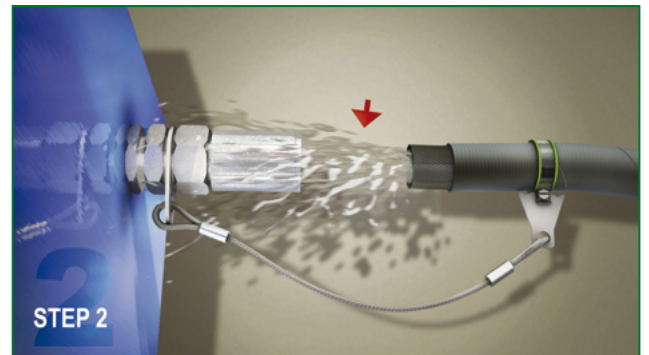
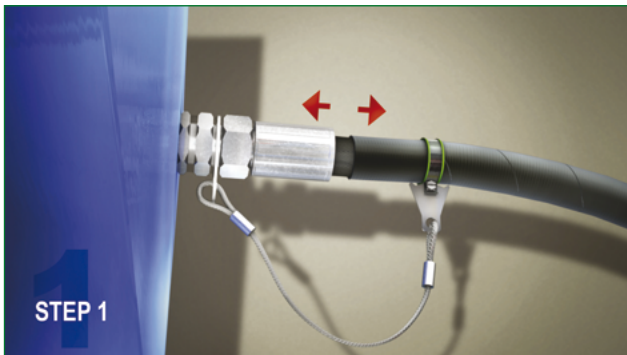
STEP 2: RELEASE / VENTING OF PRESSURE

During this step, the pressurised oil exits from the flexible hose.

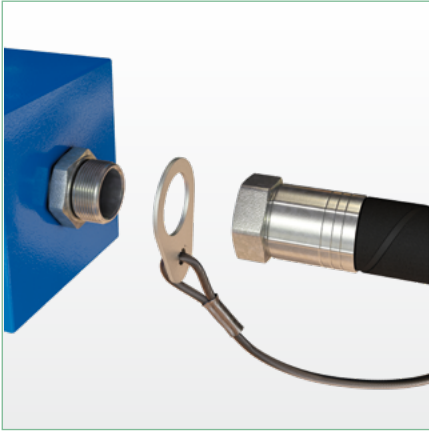
The hose begins to release the energy contained therein, and gains considerable velocity, triggering a hazardous “whip effect” which is very dangerous to anyone or anything in its vicinity.

STEP 3: RESTRAINT

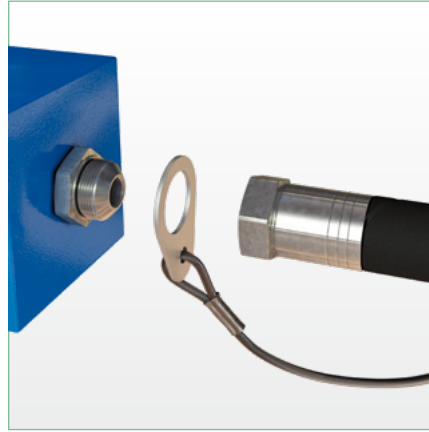
Once the hose has been disengaged and the pressure released, the flexible hose can be restrained. This is where the Stopflex system gets into operation: the stainless steel cable is tensioned and deformed while the plate cuts into the rubber of the hose, preventing the vice, firmly attached to the hose, from disengaging. The hose vice and plate start to deform in turn, elastically absorbing the force released from the travel of the flexible hose. This is a critical step which occurs within just a few seconds in which the materials and the components of the system, previously sized and tested, stop the dangerous travel of the flexible hose



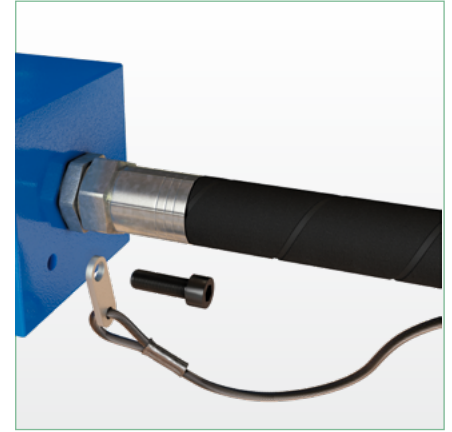
STOPFLEX RANGE



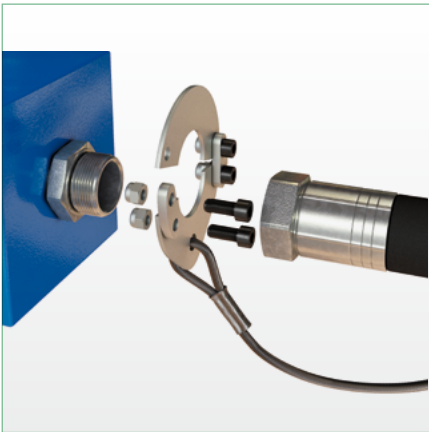
*Nipple retention system
24° cone connectors (DIN)*



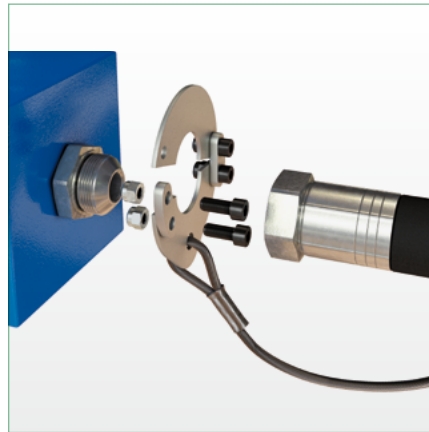
*Nipple retention system
37° flared connectors (JIC)*



Retention system for various uses



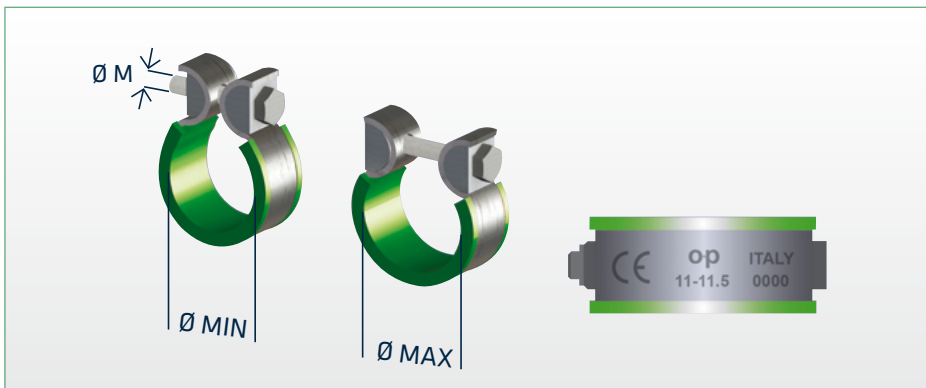
*Nipple retention system - open
24° cone connectors (DIN)*



*Nipple retention system - open
37° flared connectors (JIC)*



*Retention system for 3000
and 6000 SAE flanges*



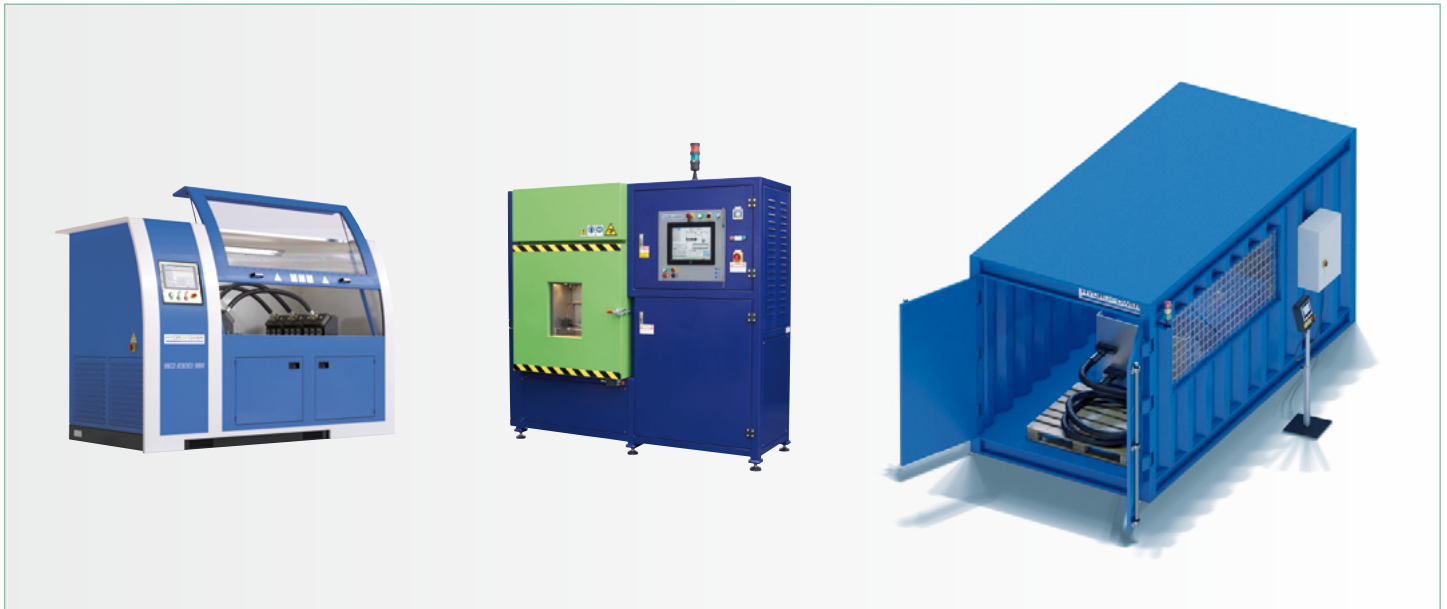
Stopflex hose bands

TEST BENCHES **HYDRO+POWER**

Thanks to the synergy of O+P and Brescia HydroPower, producer of services hydraulic equipment and testing systems, the new brand Hydro+Power represents the ideal solution for creating test benches for:

- Components for liquid filtration
- Hydraulic components such as pumps, motors, valves, tubes, fittings, radiators etc..
- Mechanical components that are widely used in the automotive and industrial sectors

The Hydro+Power test benches can be used in different industrial sectors for testing procedures and product validation. A customized product designed for any specific need.





ENJOY THE **DIFFERENCE**

Rigid Tube Processing



HYDRAULIC TUBING PROCESSING EQUIPMENT

Proper operation and life of hydraulic systems components not only depend on the quality of the very same components but also on the assembly of the system and the quality of the machining process through which the tubes were manufactured before assembly.

O+P's wide range of products include a complete line of equipment purposely developed for processing rigid tubes for hydraulic systems, ensuring proper assembly for the user.

Accurate preassembly of the fitting cutting ring and the 90° or 37° flaring of the steel tube is paramount to the safety of any system using DIN 2353 and SAE J 514 fittings joints.

Erroneous assembly of the cutting ring and inaccurate flaring of the tube might jeopardise the system and, in extreme cases, cause injury to property and persons.

To avoid this, O+P proposes various **UNISPEED** series equipment models. They are easy to use and handle, comfortably portable even on site to facilitate service men's and mobile assistance centre operations; they have a wide range of tools capable of machining carbon steel tubes and stainless steel tubes ranging between Ø 6 mm and Ø 42 mm in diameter, with thickness reaching 4 mm.

In addition, O+P products include practical **BENDING MACHINES**, easy to use and service, ideal for bending stainless steel and carbon steel tubes with a maximum diameter of 50 mm.

Last but not least, after cutting, deburring to remove metallic burrs, which could find their way into the system damaging pumps, valves, seals and other components vital to the system permanently, is paramount.

Our **DEBURRING MACHINES** ensure proper removal of burrs leaving the tube edge clean and smooth.

Lastly, O+P has various equipments, namely Center Junior and Mini Center **MULTI-FUNCTIONAL AND MOBILE UNITS**, which include all the tools offered separately, allowing the operators to have all they require in a single unit for the finest work results.





Code: CENTERMAXI

This mobile multifunctional unit is composed of the following machines:

- bending machine C50 ES, suitable for bending carbon and stainless steel tubes up to Ø 50 mm;
- flaring machine Unispeed USFL 24/37ES, suitable for preassembling DIN2353 rings and 37° flaring of hydraulic tubes up to Ø 42 mm with maximum thickness of 4 mm. The machine is equipped with a double working level: an upper level for bends up to 180° and a lower one for standard tubes;
- a deburring machine S02 with Ø6 - Ø42 mm internal and external tools;
- a cutting machine with capacity up to Ø125 mm.

The electronic control ensures enhanced performance and makes the new Center Maxi particularly suitable for volume production of hydraulic rigid tubes.



TECHNICAL DATA	
24° PREASSEMBLY	6 → 42x4 mm (0.236" → 1.654"x0.158") /on upper level
37° FLARING	6 → 42x4 mm (0.236" → 1.654"x0.158") /on upper level
BENDING Ø (GENERAL TUBE)	5-50 mm (0.197"-1.969")
BENDING Ø (AISI 316 TI)	38x4-42x3 mm (1.496"x0.157"-1.653"x0.118")
BENDING Ø (ST 37.4)	38x5-42x3 mm (1.496"x0.197"-1.653"x0.118")
MAX BENDING ANGLE	180°
90° BENDING TIME	6 Sec.
BENDING ANGLE TOLERANCE	± 1°
CUTTING	MAX Ø 3.937"
INT/EXT DEBURRING	0.236" - 1.654"
MATERIALS	AISI 316 TI - ST 37.4
ELECTRONIC CONTROL	Touch Screen
DIMENSIONS LxWxH	55.118"x31.496"x59.055"
WEIGHT WITHOUT OIL	882 Lbs
OIL	15 Lt
VOLTAGE	Any 60HZ 3PH
MOTOR POWER	MAX 6 HP

INCLUDED ACCESSORIES	
SAFETY PROTECTION	
TOOL HOLDER	

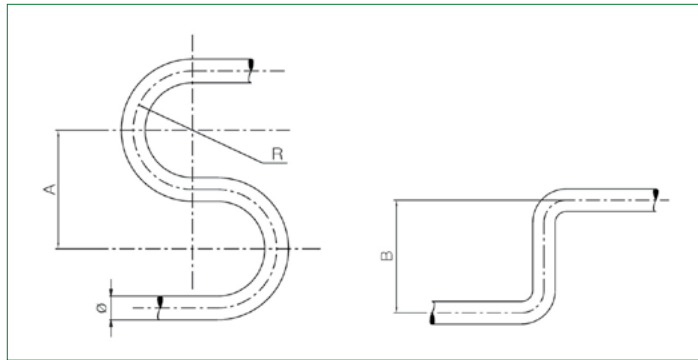
OPTIONAL	
PEDAL FOR C50 ES	
PEDAL FOR USFL 24/37 ES	

*With special tool Ø 5 mm upon request. | Special equipment with different bending radius are available upon request. Product specifications could be modified without prior notice.



Code: CENJUUSFL

Based on the combination of several tools, this multifunctional mobile unit allows carrying out all operations required to machining rigid hydraulic pipes: cutting, internal and external deburring, bending, preassembling rings according to the DIN 2353 standards, 37° flaring of rigid stainless steel (AISI 316 TI) and carbon steel (ST 37.4) rigid tubes, for 6 to 42 mm and 4 mm thick fittings complying with the SAE and JIC standards. **Center Junior** is also provided with a small compressor for internal cleaning of the tubes.



INCLUDED ACCESSORIES

SAFETY PROTECTION	
CONTROL BOARD	
TOOL HOLDER	

DATI TECNICI - TECHNICAL DATA

24° PREASSEMBLY	6 → 42x4 mm (0.236"→1.654"x0.158") /on upper level
37° FLARING	6 → 42x4 mm (0.236"→1.654"x0.158") /on upper level
CUTTING	5-50 ■ mm (0.197"-1.969")
BENDING	38x4-42x3 mm (1.496"x0.157"-1.653"x0.118")
DEBURRING	38x5-42x3 mm (1.496"x0.197"-1.653"x0.118")
MATERIALS	AISI 316 TI - ST 37.4
DIMENSIONS LxWxH	59.645"x39.370"x47.638"
WEIGHT WITHOUT OIL	670 Lbs
OIL	5 Lt
VOLTAGE	Any 60HZ 3PH
MOTOR POWER	MAX 4.6 Kw (6.2 Hp)
COMPRESSED AIR	220 Lt./Min.

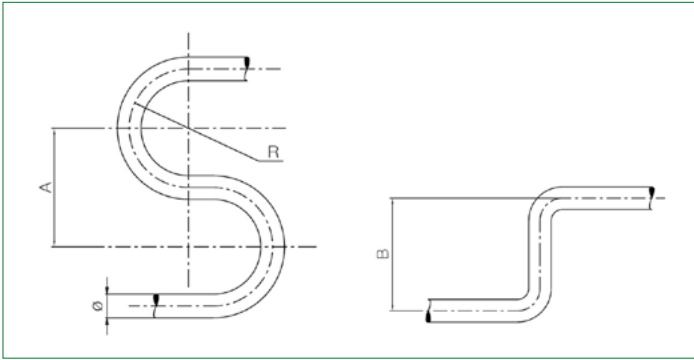
OPTIONAL

SPECIAL VOLTAGES AVAILABLE	
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Code: CENECO

This small and inexpensive multifunctional mobile unit allows carrying out all operations required to machining rigid hydraulic tubes: internal and external deburring, bending, pre-mounting rings according to the DIN 2353 standards, 37° flaring of rigid stainless steel (AISI 316 TI) and carbon steel (ST 37.4) rigid tubes, for 6 to 42 mm and 4 mm thick fittings complying with the SAE and JIC standards.



TECHNICAL DATA



24° PREASSEMBLY	6→42x4 mm (0.236"→1.654"x0.158")
37° FLARING	6→42x4 mm (0.236"→1.654"x0.158")
BENDING	6→42x4 mm (0.236"→1.655"x0.158")
DEBURRING	MAX Ø 42x6 mm (1.654"x0.236")
MATERIALS	AISI 316 TI - ST 37.4
DIMENSIONS LxWxH	28.346"x36.220"x50.984"
WEIGHT WITHOUT OIL	454 Lbs
OIL	3 Lt
VOLTAGE	Any 60HZ 3PH
MOTOR POWER	MAX 1.7 Kw (2.3 Hp)

INCLUDED ACCESSORIES



SAFETY PROTECTION



CONTROL BOARD



OIL



TOOL HOLDER



OPTIONAL



SPECIAL VOLTAGES AVAILABLE

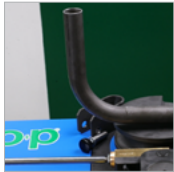


Code: CURVC50ES

C50 ES bending machine is conceived for bending 5 to 50 mm diameter rigid stainless steel (AISI 316 TI) and carbon steel (ST 37.4) tubes.

The electronic control ensures enhanced performance and makes the new C50 ES particularly suitable for volume production.

For the bending of particularly light tubes, the machine can be equipped with a mandrel device, of different diameters and thickness, which prevents the tube deformation during the bending process.







◀ **BENDING WITH MANDREL**



◀ **BENDING WITHOUT MANDREL**

TECHNICAL DATA	
BENDING Ø (GENERAL TUBE)	5-50 mm (0.197"-1.969")
BENDING Ø (AISI 316 TI)	38x4-42x3 mm (1.496"x0.157"-1.653"x0.118")
BENDING Ø (ST 37.4)	38x5-42x3 mm (1.496"x0.197"-1.653"x0.118")
MAX BENDING ANGLE	180°
90° BENDING TIME	6 Sec.
BENDING ANGLE TOLERANCE	± 1°
DIMENSIONS LxWxH	24.409"x29.133"x37.401"
WEIGHT	385 Lbs
VOLTAGE	Any 60HZ 3PH/1PH
MOTOR POWER	1.5 Kw (2 Hp)

MAX THICKNESS	
5 mm	Ø 38
4 mm	Ø 42
3 mm	Ø 50

OPTIONAL	
PEDAL	
SPECIAL VOLTAGES AVAILABLE	
COMPLETE MANDREL DEVICE	
INTERNAL MANDREL	

* With special tool Ø 5 mm upon request. | Special equipment with different bending radius are available upon request.
 Product specifications could be modified without prior notice.

Code: CURVC50EL

This device, which is easy to use and maintain, is conceived for bending thickness rigid stainless steel (AISI 316 TI) and carbon steel (ST 37.4) tubes. Also suitable for production in series.

The machine has an extremely quick and convenient tools exchange without any need of setting.

Adjustment of the bending angle is through a graduated protractor easy to read and use. The bending machine is designed also for the use of the pedal.



MAIN FEATURES

- Electromechanical control;
- Electronic board for management of the electromechanical panel;
- Warning led for setting adjustments and eventual system anomalies.



TECHNICAL DATA	
BENDING Ø (GENERAL TUBE)	5-50 mm (0.197"-1.969")
BENDING Ø (AISI 316 TI)	38x4-42x3 mm (1.496"x0.157"-1.653"x0.118")
BENDING Ø (ST 37.4)	38x5-42x3 mm (1.496"x0.197"-1.653"x0.118")
MAX BENDING ANGLE	180°
90° BENDING TIME	6 Sec.
BENDING ANGLE TOLERANCE	± 2°
DIMENSIONS LxWxH	29.055"x17.992"x37.008"
WEIGHT	364 Lbs
VOLTAGE	Any 60HZ 3PH/1PH
MOTOR POWER	1.5 Kw (2 Hp)

MAX THICKNESS	
5 mm	Ø 38
4 mm	Ø 42
3 mm	Ø 50

OPTIONAL	
PEDAL	
SPECIAL VOLTAGES AVAILABLE	

* With special tool Ø 5 mm upon request. | Special equipment with different bending radius are available upon request.

Product specifications could be modified without prior notice.

Code: CURVC22EL

This device, which is easy to use and maintain, is conceived for bending thickness rigid stainless steel (AISI 316 TI) and carbon steel (ST 37.4) tubes. Also suitable for production in series.

The machine has an extremely quick and convenient tools exchange without any need of setting.

Adjustment of the bending angle is through a graduated protractor easy to read and use. The bending machine is designed also for the use of the pedal.

MAIN FEATURES

- Electromechanical control;
- Electronic board for management of the electromechanical panel;
- Warning led for setting adjustments and eventual system anomalies.


TECHNICAL DATA


BENDING Ø (GENERAL TUBE)	5-22 mm (0.197"-0.866")
BENDING Ø (AISI 316 TI)	5-22x2 mm (0.197"-0.866"x0.079")
BENDING Ø (ST 37.4)	5-22x3 mm (0.197"-0.866"x0.118")
MAX BENDING ANGLE	180°
90° BENDING TIME	5 Sec.
BENDING ANGLE TOLERANCE	± 1°
DIMENSIONS LxWxH	28.386"x17.008"x36.299"
WEIGHT	231 Lbs
VOLTAGE	Any 60HZ 3PH/1PH
MOTOR POWER	0.55Kw (0.75Hp)

OPTIONAL


PEDAL



SPECIAL VOLTAGES AVAILABLE



Code: CURVC42

This device, which is easy to use and maintain, is the best for bending 6 to 42 mm diameter and 4 mm maximum thickness rigid stainless steel (AISI 316 TI) and carbon steel (ST 37.4) tubes.

Also suitable for volume production.

NEW RESTYLING
MORE ERGONOMIC AND
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TECHNICAL DATA

BENDING	6→42x4 mm (0.236"→1.654"x0.158")
MATERIALS	AISI 316 TI - ST 37.4
DIMENSIONS LxWxH	26.772"x34.646"x35.827"
WEIGHT WITHOUT OIL	225 Lbs
OIL	5 Lt.
VOLTAGE	Any 60HZ 3PH/1PH
MOTOR POWER	1.1 Kw (1.5 Hp)


MAX THICKNESS

4 mm	Ø 38
3 mm	Ø 42

INCLUDED ACCESSORIES

CONTROL BOARD	
BACK ELECTRIC LIMIT SWITCH	

OPTIONAL



SPECIAL VOLTAGES AVAILABLE	
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Code: CURCMS42

This device was conceived for bending 6 to 42 mm diameter and 4 mm maximum thickness rigid stainless steel (AISI 316 TI) and carbon steel (ST 37.4) tubes. The **CMS42** version is mounted on a tool-holder cabinet and actuated by a double effect manual pump.



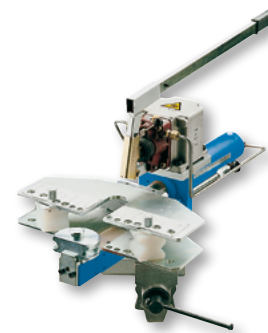
TECHNICAL DATA	
BENDING	6→42x4 mm (0.236"→1.654"x0.158")
MATERIALS	AISI 316 TI - ST 37.4
DIMENSIONS LxWxH	16.535"x30.709"x38.582"
WEIGHT WITH OIL	90 Lbs

INCLUDED ACCESSORIES	
MECHANICAL LIMIT SWITCH	
OIL	



Code: CURCM42

This device was conceived for bending 6 to 42 mm diameter and 4 mm maximum thickness rigid stainless steel (AISI 316 TI) and carbon steel (ST 37.4) tubes.

The **CM42** version can be fixed to any vice by means of the provided fixing pin and it is actuated by a double effect manual pump.



TECHNICAL DATA	
BENDING	6→42x4 mm (0.236"→1.654"x0.158")
MATERIALS	AISI 316 TI - ST 37.4
DIMENSIONS LxWxH	16.535"x30.709"x27.952"
WEIGHT	90 Lbs

INCLUDED ACCESSORIES	
MECHANICAL LIMIT SWITCH	
OIL	

BENDING TOOLS

STANDARD BENDING TOOLS

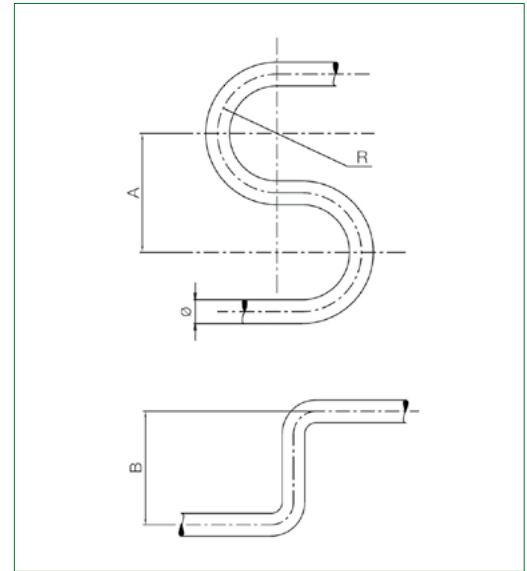
C42 - CMS42 - CM42 - CENTER JUNIOR - MINICENTER

Ø	6	8	10	12	14	15	16	18	20	22	25	28	30	32	35	38	42
MEDIUM BENDING RADIUS	15	16.5	27.5	32.5	46	46	48	48	66	66	81.5	81	98.5	101	125.5	116	126
MAX BENDING ANGLE	170°	170°	170°	170°	170°	170°	170°	170°	160°	160°	160°	160°	150°	150°	120°	120°	120°
A (mm)	60	60	70	80	110	110	110	110	140	140	170	180	220	220	250	250	250
B (mm)	70	70	115	120	180	180	180	190	230	240	270	300	300	300	440	440	440

IMPERIAL BENDING TOOLS

C42 - CMS42 - CM42 - CENTER JUNIOR - MINICENTER

Ø	1/4"W	3/8"W	1/2"W	5/8"W	3/4"W	1"W	1 1/4"W	1 1/2"W
MEDIUM BENDING RADIUS	0.65"	1.08"	1.28"	1.88"	1.88"	3.20"	3.97"	4.56"
MAX BENDING ANGLE	170°	170°	170°	170°	170°	160°	150°	120°
A (mm)	2.36"	2.76"	3.15"	4.33"	4.33"	6.69"	8.66"	9.84"
B (mm)	2.76"	4.53"	4.72"	7.09"	7.09"	10.63"	11.81"	17.32"



STANDARD BENDING TOOLS

C50 - C22 - CENTER MAXI

Bending tools for C22

Bending tools for C50 and Center Maxi

Ø	6	8	10	12	14	15	16	18	20	22	25	28	30	32	35	38	42	50
MEDIUM BENDING RADIUS	20	22	25	25	35	35	40	40	50	50	65	75	90	90	95	95	115	135
MAX BENDING ANGLE	180°	180°	180°	180°	180°	180°	180°	180°	180°	180°	180°	180°	180°	180°	180°	180°	180°	180°

IMPERIAL BENDING TOOLS

C50 - C22 - CENTER MAXI

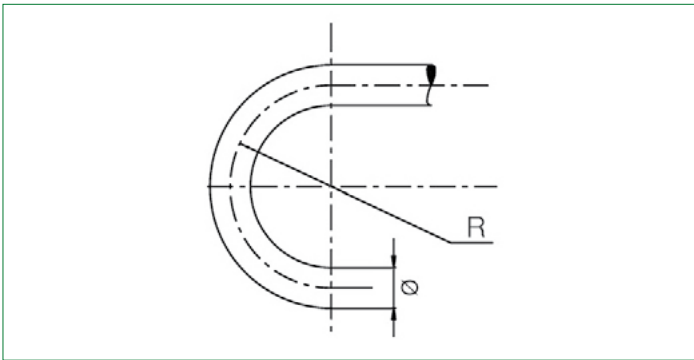
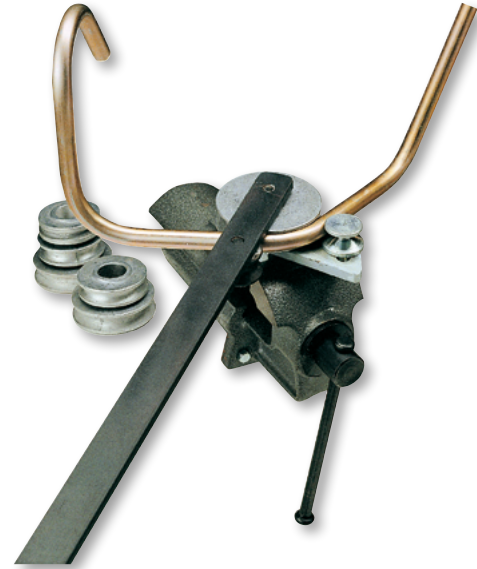
Ø	1/4"W	5/16"W	3/8"W	1/2"W	5/8"W	3/4"W	7/8"W	1"W	1 1/4"W	1 1/2"W
MEDIUM BENDING RADIUS	0.78"	0.86"	1"	1"	1.57"	1.97"	1.97"	2.55"	3.54"	3.74"
MAX BENDING ANGLE	180°	180°	180°	180°	180°	180°	180°	180°	180°	180°

Code: CURVM18

M18 was conceived for bending 6 to 18 mm diameter rigid stainless steel (AISI 316 TI) and carbon steel (ST 37.4) pipes. It can be fixed to any vice by means of the provided fixing pin.

MAIN FEATURES

- Complete with bending tools and tool holder.



TECHNICAL DATA



BENDING	6→18 mm (0.236"→0.709")
MATERIALS	AISI 316 TI - ST 37.4
DIMENSIONS LxWxH	28.346"x5.118"x4.921"
WEIGHT	22 Lbs

INCLUDED ACCESSORIES



BENDING TOOLS



FIXING PIN



Ø	6	8	10	12	14	15	16	18
MEDIUM BENDING RADIUS	33.5	33.5	36	36	36	43.5	43.5	51



UNISPEED USFL 90/37 ES

FLARING

Code: UNISUSFL9037ES

UNISPEED USFL 90/37 ES is the new machine for 37° and 90° orbital flaring of hydraulic rigid tubes ends.

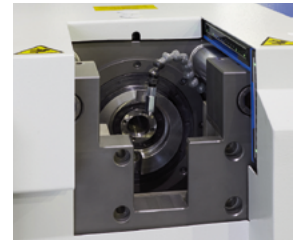
The machine, that requires only one tool change to carry out the flaring operations, uses a cold orbital forming process to create a flat and smooth sealing surface at 90° and 37° with a suitable rugosity for the O-Ring seal.

The various possibilities of adjustment and configuration of USFL9037 ES allow obtaining any flaring diameter and thickness. The machine, equipped with electronic control with color display and touch screen, allows you to optimize the work processing and makes the USFL 90/37 ES particularly suitable for processing equipment as well as for volume production.

The machine is fully programmable and settable, with the possibility to recall recipes previously set.

The USFL 90/37 ES is equipped with a front tool-holder compartment and a lubrication system of the automated tools through dedicated unit.

The presence of safety light curtains increases productivity.



SAFETY LIGHT CURTAINS

90° FLARING TOOLS: available for DRFS Parker upon request

37° FLARING TOOLS: they are supplied according to UNI ISO 8434-2 and DIN 3949 regulations

TECHNICAL DATA



90° FLARING	6->38x5 mm (0.236"->1.496"x0.197")
37° FLARING	6->42x4 mm (0.236"->1.654"x0.158")
MATERIALS	AISI 316 TI - ST 37.4
WEIGHT WITHOUT OIL	1422 Lbs
OIL	50 Lt.
DIMENSIONS LxWxH	38.386"x50.197"x46.260"
VOLTAGE	Any 60HZ 3PH
MOTOR POWER	Max 5.3 Kw (7.11 Hp)



OPTIONAL



SPECIAL VOLTAGES AVAILABLE



PEDAL



INCLUDED ACCESSORIES



ELECTRONIC CONTROL WITH TOUCH SCREEN





UNISPEED USFL 90/37 EL 6/28

FLARING

Codice-Code: UNISFL9037EL628

UNISPEED USFL 90/37 EL 6/28 is the new machine for 37° and 90° orbital flaring of hydraulic rigid tubes ends.

The innovative clamping system enables to process rigid tubes with reduced straight end and dimensions, so it's the ideal solution for bends up to 180° with tight radius, such as shaped rigid tubes, steel and hose combined connections, etc. The machine, that requires only one tool change to carry out the flaring operations, uses a cold orbital forming process to create a flat and smooth sealing surface at 90° and 37° with a suitable rugosity for the O-Ring seal.

The various possibilities of adjustment and configuration of USFL9037 ES allow obtaining any flaring diameter and thickness.

It is possible to flare tubes from Ø6 to Ø28 (2.5mm thickness) according to the kind of material they are made of.

The USFL 90/37 ES is equipped with two front tool-holder compartments upon request and a lubrication system of the automated tools through dedicated unit.



90° FLARING TOOLS: available for ORFS Parker upon request

37° FLARING TOOLS: they are supplied according to UNI ISO 8434-2 and DIN 3949 regulations

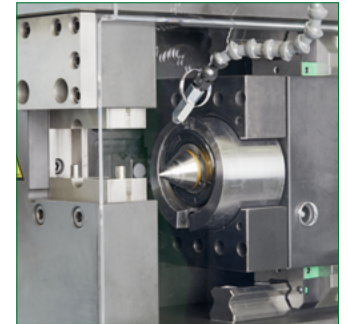
TECHNICAL DATA



90° FLARING	6->28x2.5 mm (0.236"->1.102x0.098") according to the kind of material
37° FLARING	6->28x2.5 mm (0.236"->1.102x0.098") according to the kind of material
WEIGHT	1113 Lbs
DIMENSIONS LxWxH	27.559" x 36.417" x 56.299"
VOLTAGE	Any 60HZ 3PH
MOTOR POWER	3.25 Kw (4.35 Hp)



CONTROL PANEL



RIGHT SIDE OPENING

OPTIONAL

SPECIAL VOLTAGES AVAILABLE





Code: UNISUSFL9037ECO

UNISPEED USFL 90/37 ECO is the new economic machine for 37° and 90° orbital flaring of hydraulic rigid tubes ends.

The machine, that requires only one tool change to carry out the flaring operations, uses a cold orbital forming process to create a flat and smooth sealing surface at 90° and 37° with a suitable rugosity for the O-Ring seal.

The various possibilities of adjustment and configuration of USFL9037 allow obtaining any flaring diameter and thickness.



90° FLARING TOOLS: available for ORFS Parker upon request

37° FLARING TOOLS: they are supplied according to UNI ISO 8434-2 and DIN 3949 regulations

TECHNICAL DATA



90° FLARING	6→38x5 mm (0.236"→1.496"x0.197")
37° FLARING	6→42x4 mm (0.236"→1.654"x0.158")
MATERIALS	AISI 316 TI - ST 37.4
WEIGHT WITHOUT OIL	809 Lbs
OIL	3 Lt.
DIMENSIONS LxWxH	29.921"x32.677"x47.638"
VOLTAGE	Any 60HZ 3PH
MOTOR POWER	Max 2.38 Kw (3.25 Hp)



OPTIONAL



SPECIAL VOLTAGES AVAILABLE





UNISPEED USFL 24/37 ES

FLARING & PREASSEMBLY

Code: UNISUSFL2437ES

Unispeed **USFL 24/37** allows preassembling DIN2353 rings and 37° flaring of hydraulic tubes up to 42 mm diameter and a maximum thickness of 4 mm. The machine is equipped with a double working level: an upper level for bends up to 180° and a lower one for standard tubes. The electronic control ensures enhanced performance and makes the new Unispeed USFL 24/37 ES particularly suitable for volume production.



37° FLARING TOOLS: they are supplied according to UNI ISO 8434-2 and DIN 3949 regulations

TECHNICAL DATA	
24° PREASSEMBLY	6→42x4 mm (0.236"→1.654"x0.158")
37° FLARING	6→42x4 mm (0.236"→1.654"x0.158")
MATERIALS	AISI 316 TI - ST 37.4
WEIGHT WITHOUT OIL	330 Lbs
OIL	15 Lt.
DIMENSIONS LxWxH	23.032"x23.622"x45.276"
VOLTAGE	Any 60HZ 3PH
MOTOR POWER	1.5 Kw (2 Hp)

INCLUDED ACCESSORIES	
ELECTRONIC CONTROL WITH TOUCH SCREEN	

OPTIONAL	
ELECTRIC PEDAL	
37° FLARING BLOCK (6→42)	
37° FLARING BLOCK (6→18)	
TOOL HOLDER (6→42)	
TOOL HOLDER (6→18)	
SPECIAL VOLTAGES AVAILABLE	

	MINIMUM VOLUME	
24° PREASSEMBLING	24° Preassembling (6-42 mm)	24° Preassembling (6-18 mm)
37° FLARING	37° Flaring (6-42 mm)	37° Flaring (6-18 mm)



Code: UNISUSFLES

UNISPEED USFL/01 ES is the new machine for DIN2353 cutting rings preassembling and 37° JIC rigid tubes flaring up to 42 mm diameter and 4 mm thickness. Thanks to the new electronic control with color display and touch screen, the machine enables an automatic identification of the tool into the machine and an automatic pressure setting for DIN2353 cutting rings preassembly and 37° JIC flaring, thus ensuring enhanced performances. This makes the USFL/01 ES particularly suitable for series production.

It is possible to manually store recipes that are automatically recalled thanks to the automatic identification of the standard tools introduced into the machine. The machine is equipped with a tool-holder compartment.



37° FLARING TOOLS: THEY ARE SUPPLIED ACCORDING TO UNI ISO 8434-2 AND DIN 3949.

TECHNICAL DATA	
24° PREASSEMBLY	6→42x4 mm (0.236" > 1.654" x 0.158")
37° FLARING	6→42x4 mm (0.236" x 0.158" > 1.654" x 0.158")
MATERIALS	AISI 316 TI - ST 37.4
WEIGHT WITHOUT OIL	364 Lbs
OIL	20 Lt.
DIMENSIONS LxWxH	27.244" x 22.835" x 43.701"
VOLTAGE	Any 60HZ 3PH
MOTOR POWER	1.8 Kw (2.5 Hp)

INCLUDED ACCESSORIES	
ELECTRONIC CONTROL WITH TOUCH SCREEN	



OPTIONAL	
ELECTRIC PEDAL	
37° FLARING BLOCK (6→42)	
TOOL HOLDER (6→42)	
SPECIAL VOLTAGES AVAILABLE	



UNISPEED USFL/01

FLARING & PREASSEMBLY

Code: UNISUSFL

UNISPEED USFL/01 allows preassembling DIN2353 rings through manual adjustment of the pressure, which is to be set before each operation. A 37° flaring of 6 to 42 mm diameter and 4 mm maximum thickness rigid stainless steel (AISI 316 TI) and carbon steel (ST 37.4) tubes may be obtained due to the addition of a special block made of steel. Also available in the 12V version, this is the perfect device for outdoor assistance.



37° FLARING TOOLS: they are supplied according to UNI ISO 8434-2 and DIN 3949 regulations

TECHNICAL DATA	
24° PREASSEMBLY	6→42x4 mm (0.236"→1.654"x0.158")
37° FLARING	6X4→42x4 mm (0.236"x0.158"→1.654"x0.158")
MATERIALS	AISI 316 TI - ST 37.4
WEIGHT	132 Lbs
DIMENSIONS LxWxH	17.717"x24.803"x10.630"
VOLTAGE	Any 60HZ 3PH/1PH
MOTOR POWER	0.75 Kw (1 Hp)

INCLUDED ACCESSORIES	
OIL	

OPTIONAL	
37° FLARING BLOCK	
TOOL HOLDER (6→42)	
12V SPECIAL VOLTAGE	
SPECIAL VOLTAGES AVAILABLE	



UNISPEED USFL/01 MAN

FLARING & PREASSEMBLY

Code: USFLMAN

UNISPEED USFL/01 MAN is a manually operated device which that allows preassembling DIN2353 rings. A 37° flaring of 6 to 42 mm diameter and 4 mm maximum thickness rigid stainless steel (AISI 316 TI) and carbon steel (ST 37.4) tubes may be obtained due to the addition of a special block made of steel. This is the perfect device for outdoor assistance.



37° FLARING TOOLS: they are supplied according to UNI ISO 8434-2 and DIN 3949 regulations

TECHNICAL DATA	
24° PREASSEMBLY	6→42x4 mm (0.236"→1.654"x0.158")
37° FLARING	6X4→42x4 mm (0.236"x0.158"→1.654"x0.158")
MATERIALS	AISI 316 TI - ST 37.4
WEIGHT	84 Lbs
DIMENSIONS LxWxH	13.780"x15.748"x10.630"

INCLUDED ACCESSORIES	
OIL	

OPTIONAL	
37° FLARING BLOCK	
TOOL HOLDER (6→42)	



UNISPEED USFL 015 MAN

FLARING & PREASSEMBLY

Code: USFL015MAN

UNISPEED 015 MAN is used for preassembling DIN 2353 rings. Thanks to its simple structure and use, this equipment guarantees a quick and safe assembly and it can be fixed on any vice. Therefore, it is particularly indicated for repairs and for outdoor assistance service. Suitable for LL, L and S series tools and for tubes with external diameters from 6 to 15 mm.



TECHNICAL DATA

24° PREASSEMBLY	65 - 15L
MATERIALS	AISI 316 TI - ST 37.4
WEIGHT WITH OIL	26 Lbs
DIMENSIONS LxWxH	11.221"x4.134"x4.134"
LEVER LENGTH	31.496"



PNEUMATIC UNISPEED 01

PREASSEMBLY

Code: UNISPN01

UNISPEED 01 is a pneumatic device that allows preassembling DIN2353 rings on 6 to 42 mm diameter and 4 mm maximum thickness stainless steel (AISI 316 TI) and carbon steel (ST 37.4) tubes.



TECHNICAL DATA

24° PREASSEMBLY	6→42x4 mm (0.236"→1.654"x0.158")
MATERIALS	AISI 316 TI - ST 37.4
WEIGHT	93 Lbs
DIMENSIONS LxWxH	12.008"x25.197"x8.268"
PNEUMATIC INPUT	MAX 6 BAR (87 Psi)

INCLUDED ACCESSORIES

OIL	
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OPTIONAL

TOOL HOLDER	
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UNISPEED US02

PREASSEMBLY

Code: **UNISUS02**

UNISPEED US02 uses an automatic pressure adjustment system for preassembling DIN2353 rings on 6 to 42 mm diameter and 4 mm maximum thickness carbon steel (ST 37.4) tubes.



TECHNICAL DATA	
24° PREASSEMBLY	6→42x4 mm (0.236"→1.654"x0.158")
MATERIALS	ST 37.4
WEIGHT	134 Lbs
DIMENSIONS LxWxH	17.913"x25.787"x9.646"
VOLTAGE	Any 60HZ 3PH/1PH
MOTOR POWER	0.75 Kw (1 Hp)

INCLUDED ACCESSORIES	
OIL	
AUTOMATIC PRESSURE	

OPTIONAL	
TOOL HOLDER	
SPECIAL VOLTAGES AVAILABLE	



MANUAL PREASSEMBLING TOOL



TEMPLATE FOR PREASSEMBLING TOOL CONTROL

Manual preassembling tool (6→42)



Template for preassembling tool control (6→42)



Code: SBAVS02

This tool carries out both internal and external deburring of rigid 20 to 75 mm stainless steel (AISI 316 TI) and carbon steel (ST 37.4) tubes. The **S02** deburring device guarantees proper removal of burrs leaving the edge of the tube uniformly clean and smooth.

MAIN FEATURES

- 20-75 mm int/ext deburring devices.



TECHNICAL DATA	
INTERNAL DEBURRING	0.787"x0.079"→2.953"
EXTERNAL DEBURRING	0.866"→2.953"
MATERIALS	AISI 316 TI - ST 37.4
WEIGHT	140 Lbs
VOLTAGE	Any 60HZ 3PH/1PH
MOTOR POWER	0.37 Kw (0.5 Hp)
DIMENSIONS LxWxH	14.567"x21.654"x42.520"
REVOLUTIONS/MINUTE	75

INCLUDED ACCESSORIES	
INT./EXT. DEBURRING TOOL 20-75 mm	

OPTIONAL	
INT./EXT. DEBURRING TOOL 6-42 mm	
SPECIAL VOLTAGES AVAILABLE	

Code: SBAVOP2

This tool carries out both internal and external deburring of rigid 6 to 42 mm stainless steel (AISI 316 TI) and carbon steel (ST 37.4) tubes. The **S01** deburring device guarantees proper removal of burrs leaving the edge of the tube uniformly clean and smooth.



TECHNICAL DATA	
INTERNAL DEBURRING	0.236"→1.654"
EXTERNAL DEBURRING	0.236"→1.654"
MATERIALS	AISI 316 TI - ST 37.4
WEIGHT	66 Lbs
VOLTAGE	Any 60HZ 3PH/1PH
MOTOR POWER	0.18 Kw (0.25 Hp)
DIMENSIONS LxWxH	15.984"x18.504"x10.630"
REVOLUTIONS/MINUTE	50

INCLUDED ACCESSORIES	
INT./EXT. DEBURRING TOOL 6-42 mm	

OPTIONAL	
SPECIAL VOLTAGES AVAILABLE	

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The strength of our Group - It's Fluidmec World - lies on our people and their multi-professionalism. An organizational structure and a territorial network with headquarters in Italy and branches abroad. The combination of complementary forces has enabled the constitution of a solid organization, where the group companies identify and integrate, resulting in a variety of competencies that are able to satisfy any need within the world of hydraulics, pneumatics and automation. Values, know-how and experience sharing leads to growth and enables us to constantly raise our profile on the market and to look at new sectors with professionalism, reliability and innovation.

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Over the last 40 years, Fluidmec has become a well-established company in the distribution of hydraulic and pneumatic components of the major brands. Large and immediate availability adds to continuous technical and commercial service and training of advisors.



O+P is a leading company in the equipment manufacturing for flexible and rigid hydraulic pipes. Thanks to a large product range and a wide-spread service, the company has been able in only 20 years to enter markets worldwide and is continuously growing.

EFFEGI SYSTEMS

Since 1988 Effegi has been specialized in a niche sector: design and construction of special cylinders and hydraulic power units.



SINDE

Since 2001 Sinde has been specialized in mechanical precision processing and mounting of complete units. Cutting-edge machinery along with organizational flexibility enable Sinde to supply both mass-produced and unique parts even of large dimensions.

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Uniseals manufactures lathe-cut and special seals for all industrial sectors, with the aim to grant customers quick, precise and customized service by means of blends specially designed for specific needs.

BRESCIA HYDROPOWER

Brescia Hydropower is founded on a 30 years experience background in the realization and design of hydraulic plants and any type of testing system.

BRESCIA HYDROSERVICE

Brescia Hydroservice is specialized in maintaining, servicing and overhauling hydraulic and pneumatic power units and plants.



Polo produces quick connectors ideal for functional testing of circuits and components ending with an internal or external thread, shaped elements, collar, flange or smooth pipe.

Notes


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Two columns of horizontal lines for writing notes.

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