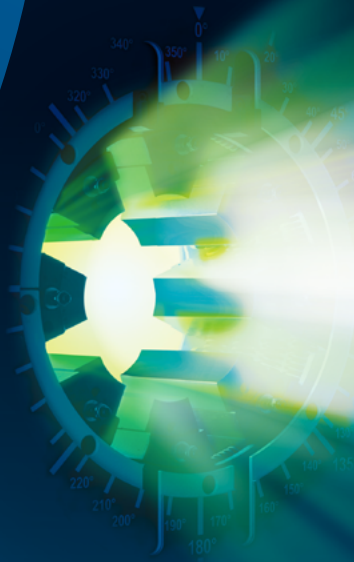




PEOPLE, PASSION
& **SOLUTIONS**


 OP USA INC.

ENJOY THE **DIFFERENCE**



Hydraulic Hose & Tubing Processing Equipment

GENERAL CATALOGUE

V. 2020-05-01  USA

ENJOY THE **DIFFERENCE**

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


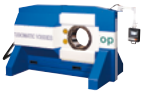













For more than 40 years we have been producing equipment for hydraulic pipelines, offering customized solutions gained from research, precision and quality.

Wideness of range, development and innovation make O+P a unique, young and dynamic brand.















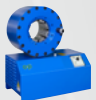


This is **Enjoy the difference.**

GENERAL INDEX

CRIMPING (HIGH VOLUME CRIMPING)

		TUBOMATIC V450 ES MAX Ø 450 mm (17.7")	Page 11
		TUBOMATIC V350 ES MAX Ø 350 mm (13.8")	Page 12
		TUBOMATIC S500 ES MAX Ø 500 mm (19.6")	Page 13
		TUBOMATIC V340I ES MAX Ø 350 mm (13.8") TUBOMATIC V300I ES MAX Ø 350 mm (13.8")	Page 14
		TUBOMATIC V250 IES MAX Ø 270 mm (10.6") TUBOMATIC V160 IES MAX Ø 213 mm (8.4")	Page 15
		TUBOMATIC V159 ES MAX Ø 159 mm (6.2") TUBOMATIC V150 ES MAX Ø 118 mm (4.6")	Page 16
		TUBOMATIC V59 ES MAX Ø 67 mm (2.6") TUBOMATIC V59/E ES MAX 67 mm (2.6")	Page 17
		TUBOMATIC N120 ES MAX Ø 120 mm (4.7") TUBOMATIC N120 EL MAX Ø 120 mm (4.7")	Page 18
		TUBOMATIC S77 ES MAX Ø 95 mm (3.7") TUBOMATIC S33 PI MAX Ø 37 mm (1.4")	Page 19

CRIMPING (STANDARD VOLUME CRIMPING)

			TUBOMATIC H170 EL MAX Ø 170 mm (6.7") TUBOMATIC H144 ES MAX Ø 144 mm (5.6") TUBOMATIC H144 EL MAX Ø 129 mm (5")	Page 20
			TUBOMATIC H135 ES MAX Ø 135 mm (5.3") TUBOMATIC H135 EL MAX Ø 120 mm (4.7") TUBOMATIC H135/E EL MAX Ø 111 mm (4.3")	Page 21
			TUBOMATIC H130 ES MAX Ø 130 mm (5.1") TUBOMATIC H130 EL MAX Ø 124 mm (4.9") TUBOMATIC H130/E EL MAX Ø 111 mm (4.3")	Page 22
			TUBOMATIC H88 ES MAX Ø 88 mm (3.4") TUBOMATIC H88 EL MAX Ø 64 mm (2.5")	Page 23
			TUBOMATIC H83/E EL MAX Ø 64 mm (2.5") TUBOMATIC H83/E PM MAX Ø 64 mm (2.5") TUBOMATIC H83/E PI MAX Ø 64 mm (2.5")	Page 24
			TUBOMATIC H135 12V/24V MAX Ø 111 mm (4.3") TUBOMATIC H130 12V/24V MAX Ø 113 mm (4.4") TUBOMATIC H83/E 12V MAX Ø 64 mm (2.5")	Page 25

GENERAL INDEX

CRIMPING (STANDARD VOLUME CRIMPING)



TUBOMATIC HS54 ES MAX Ø 54 mm (2.1")
TUBOMATIC H64 PM MAX Ø 64 mm (2.5")
TUBOMATIC J67 EL MAX Ø 67 mm (2.6")

Page 26

CRIMPING (SERVICE)



TUBOMATIC H47/E EL MAX Ø 46 mm (1.8")
TUBOMATIC H47 PI MAX Ø 46 mm (1.8")
TUBOMATIC H47 PM MAX Ø 46 mm (1.8")
TUBOMATIC H47 E MAX Ø 46 mm (1.8")

Page 27



TUBOMATIC H25 PI MAX Ø 25 mm (0.9")
TUBOMATIC H25 MAX Ø 25 mm (0.9")

Page 28

CUTTING



TUBOCUT 5

Page 29



SEMIAUTOMATIC CUTTING LINE

Page 30



TF6
TF5
TF4

Page 31



TF5 ECO
TF4/E

Page 32



TF3
TF3 PI
TF2

Page 33



TF3/E
TF2/E
TF1/E

Page 34



TT30 PI
CUTTING BLADES

Page 35



PRT 1080
ANALOGUE METER COUNTER

Page 36

FITTINGS ASSEMBLY



INSERT 08 PSM
INSERT 03/P
INSERT 02/P

Page 37

SKIVING



SPF6
SPF3
SPF2

Page 38



SPF2/MS
SPF2/E
SPF1

Page 39

GENERAL INDEX

MARKING



MB20
MB21
HP1
HP1PN

Page 40

WASHING



LAVAMATIC 200
SPEEDY CLEAN

Page 41

ACCESSORIES



SR8
SR6
SRB6

Page 42



SRB6/1
HOSE CARRIER
HOSE CARRIER 2

Page 43



AV01
AV01 EL

Page 44



AV01 V
AV02 EL

Page 45

TESTING



BC 4500 ES

Page 46



BC 1200-2000 ES
BC 1200-2000 ES WATER

Page 47



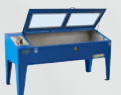
BC 1200/E ES
BC 1200/E

Page 48



BC 800/W - ES

Page 49



BC 1500 E/WATER

Page 50



BC 1200 ECO
BC 1200 ECO WATER

Page 51



BC 1200 ES/F

Page 52

POLO QUICK CONNECTORS - MOBILE HOSE WORKSHOP



POLO QUICK CONNECTORS
MOBILE HOSE WORKSHOP

Page 53

GENERAL INDEX

MULTIFUNCTIONAL UNITS



CENTER MAXI
CENTER JUNIOR
MINI CENTER

Page 56

BENDING



C50 ES
C50 EL
C22 EL

Page 57



C42
CMS42
M18

Page 58



BENDING TOOLS

Page 59

FLARING



UNISPEED USFL 90/37 ES
UNISPEED USFL 90/37 ECO
UNISPEED USFL 90/37 EL 6/90

Page 60



UNISPEED USFL 90/37 ES 6/28
UNISPEED USFL 90/37 EL 6/28

Page 61

FLARING & PREASSEMBLY



UNISPEED USFL 24/37 ES
UNISPEED USFL 24/37 ES 6/18
UNISPEED USFL/01 ES

Page 62



UNISPEED USFL/01
UNISPEED USFL/01 MAN
UNISPEED USFL 015 MAN

Page 63

DEBURRING



S02
S01

Page 64



ENJOY THE **DIFFERENCE**

Hose Assembly Equipment

Technology, innovation and evolution, the new **ES4 electronic control** installed on all our V-series crimping machines grants excellent performance and the 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) 7" touch screen TFT display (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 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.
- Crimping through pressure control - allows to set the crimping pressure.
- Quality check - The crimping process succeeds through a combined control of preset diameter and pressure parameters.



OPTIONAL



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.



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



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



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



Connection from ES4 to PC through Ethernet LAN port or WIFI - allows 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.



The 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 the 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



Crimping through pressure control - allows to set the crimping pressure.



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 re-set them 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.

The EL electromechanical control includes 2 new controllers which allow to set the crimping and reopening time, so as to optimize the production cycle. The crimping diameter is set by means of 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.

PATENTED DIES QUICK CHANGE SYSTEM

HOSE PROCESSING EQUIPMENT

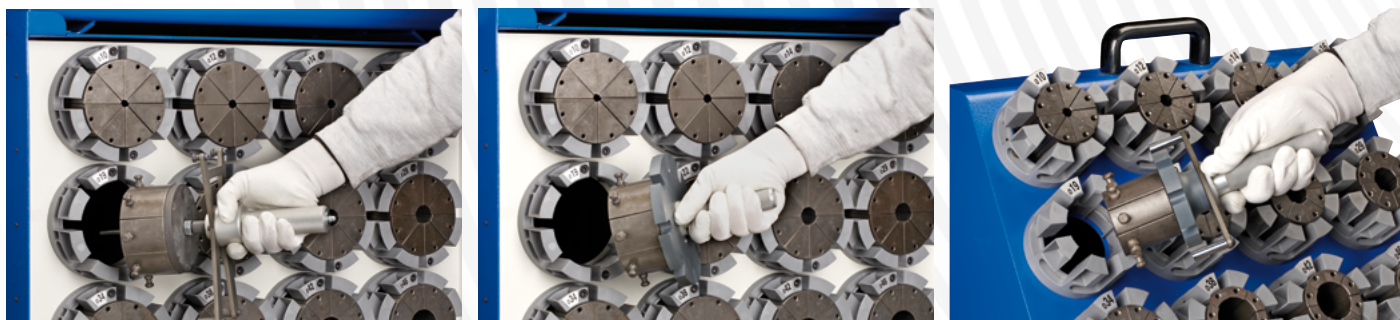
Hose crimpers use different sets of dies to process different hose diameters. Manual change may therefore result in a waste of valuable time for the operator.

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 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.

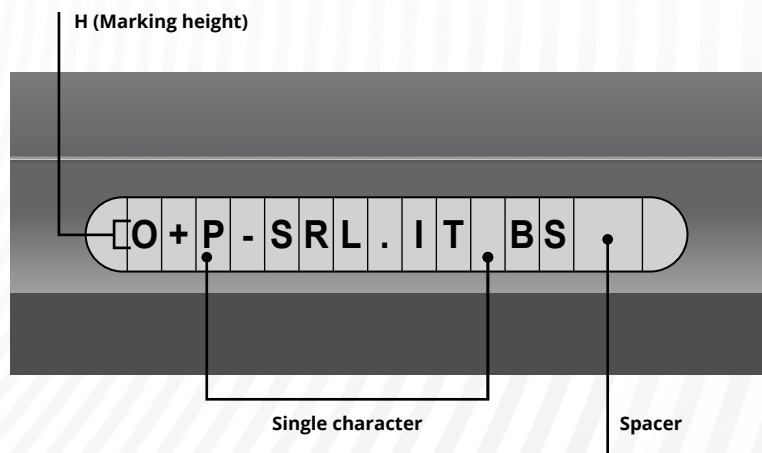
THE KIT COMES COMPLETE WITH:

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



MARKING DIES

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



EXAMPLES OF HOSE MARKING



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

AVAILABLE DIAMETERS

- For H series crimping machines

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 V series crimping machines

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

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 V450 ES

Code: TUBV450H6ES - TUBV450H8ES

CRIMPING (HIGH VOLUME CRIMPING)

IDEAL FOR BIG FLANGES



MAIN FEATURES



ES4 touch-screen electronic control on mobile support



Self-lubricating moving components



Silent pump



Narrow crimping head for big flanges and 90° fittings



Back limit switch



Protractor for fittings orientation



Service counter



Industrial hose crimp calculator



Ideal for volume production

TECHNICAL DATA		
	TUBV450H6ES	TUBV450H8ES
CRIMPING FORCE	725 US TONS	914 US TONS
6 SPIRALS 2 PIECES	3"	3"
INDUSTRIAL HOSE	16"	16"
MAX Ø	450 mm (17.7")	450 mm (17.7")
DIE OPENING	Ø+7"	Ø+7"
OPENING WITHOUT DIES	22"	22"
STANDARD VOLTAGE	Any 60Hz 3Ph	Any 60Hz 3Ph
MOTOR POWER	7.5 Kw (10 Hp) A=14.39	11 Kw (15 Hp) A=20.76
DIMENSIONS LxWxH	86.1"x67.7"x72.9"	86.1"x67.7"x72.9"
WEIGHT WITHOUT OIL	13646 Lbs	14314 Lbs
OIL (NOT INCLUDED)	300 lt (79 US gal)	300 lt (79 US gal)
POWER PACK LxWxH	36.4"x26.7"x49.9"	36.4"x26.7"x49.9"
POWER PACK WEIGHT	485 Lbs	485 Lbs

ACCESSORIES	
CRIMPING THROUGH PRESSURE CONTROL (INCLUDED)	INDUSTRY 4.0 KIT
CRIMPING SPEED CONTROL SYSTEM	CRIMPING DIAMETER SELF CORRECTION
QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL (INCLUDED)	DATA SAVE ON CSV FILE
MULTISTEP CRIMPING DIAMETERS	
BARCODE	
CAMERA	
CONNECTION TO PC	LAN
DISPENSER + STANDARD QUICK CHANGE	
ELECTRIC PEDAL	
FRONT AND REAR PROTECTION NET WITH ACTIVATION LIMIT SWITCH	
SIDE HOLDER TABLE	

Diameter (mm) ▶	10	12	14	16	19	22	25	29	34	38	42	46	50	54	58	63	69	73	77	86	96	103	106	111	116	121	126	131	136	146	156	166	178	190	205	220	235	250	270	290	350
TUBV450H6ES TUBV450H8ES	DIES LENGTH (mm)																																								
	60	60	60	60	60	60	60	70	70	85	85	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120	120

* SPECIAL DIES BETWEEN Ø 290 AND 350 MM UPON REQUEST
ALL CAPACITIES INDICATED ON THE KIND OF FITTING USED

Product specifications could be modified without prior notice.



TUBOMATIC V350 ES

Code: TUBV350ES

CRIMPING (HIGH VOLUME CRIMPING)

IDEAL FOR BIG FLANGES
AND HEAVY APPLICATIONS



MAIN FEATURES



ES4 touch-screen
electronic control



Self-lubricating
moving
components



Silent pump



Narrow crimping head
for big flanges
and 90° fittings



Back limit switch



Protractor for fittings
orientation



Service counter



Industrial hose
crimp calculator



Ideal for
volume production

TECHNICAL DATA

TECHNICAL DATA	
CRIMPING FORCE	1100 US TONS
6 SPIRALS 2 PIECES	3"
INDUSTRIAL HOSE	12" *
MAX Ø	350 mm (13.8")
DIE OPENING	Ø + 6.1"
OPENING WITHOUT DIES	18.7"
VOLTAGE	Any 60HZ 3PH
CLOSING SPEED	0.2"/sec
CRIMPING SPEED	0.03"/sec
OPENING SPEED	1.5"/sec
MOTOR POWER	15 Kw (20 Hp) - A= 27.80
DIMENSIONS LxWxH	115.5"x68.8"x64.9"
WEIGHT WITHOUT OIL	22046 Lbs
OIL (NOT INCLUDED)	300 Lt. (79 US gal)
POWER PACK LxWxH	49"x29.7"x53.9"
POWER PACK WEIGHT	1020 Lbs

ACCESSORIES

CRIMPING THROUGH PRESSURE CONTROL (INCLUDED)	INDUSTRY 4.0 KIT
CRIMPING SPEED CONTROL SYSTEM	CRIMPING DIAMETER SELF CORRECTION
QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL (INCLUDED)	DATA SAVE ON CSV FILE
MULTISTEP CRIMPING DIAMETERS	
BARCODE	
CAMERA	
CONNECTION TO PC	
DISPENSER + QUICK CHANGE	
ELECTRIC PEDAL	
SIDE HOLDER TABLE	
FRONT AND REAR PROTECTION NET WITH ACTIVATION LIMIT SWITCH	









Diameter (mm) ►	10	12	14	16	19	22	25	29	34	38	42	46	50	54	58	63	69	73	77	86	96	103	106	111	116	121	126	131	136	146	156	166	178	190	205	220	235	250	270	290			
	DIES LENGTH (mm)																																										
V350 ES	60	60	60	60	60	60	60	70	70	85	85	120	120	120	120	120	120	120	120	120	120	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145

* WITH SPECIAL DIES
ALL CAPACITIES INDICATED DEPEND ON THE KIND OF FITTING USED

Product specifications could be modified without prior notice.

IDEAL FOR BIG FLANGES



ACCESSORIES		
CRIMPING THROUGH PRESSURE CONTROL (INCLUDED)	INDUSTRY 4.0 KIT	
CRIMPING SPEED CONTROL SYSTEM	CRIMPING DIAMETER SELF CORRECTION	
QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL (INCLUDED)	DATA SAVE ON CSV FILE	
MULTISTEP CRIMPING DIAMETERS		
BARCODE		
CAMERA		
CONNECTION TO PC		
DISPENSER + QUICK CHANGE		
ELECTRIC PEDAL		
SIDE HOLDER TABLE		

Diameter (mm) ►	10	12	14	16	19	22	25	29	34	38	42	46	50	54	58	63	69	73	77	86	96	103	106	111	116	121	126	131	136	146	156	166	178	190	205	220	235	250	270	290	400			
	DIES LENGTH (mm)																																											
\$500 ES	60	60	60	60	60	60	60	70	70	85	85	120	120	120	120	120	120	120	120	120	120	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	250	250	250	250	250	250	300

Product specifications could be modified without prior notice.



TUBOMATIC V340I ES

Code: **TUBV340IES**

CRIMPING (HIGH VOLUME CRIMPING)



IDEAL FOR BIG FLANGES



TUBOMATIC V300I ES

Code: **TUBV300IES**

CRIMPING (HIGH VOLUME CRIMPING)



MAIN FEATURES



ES4 touch-screen
electronic control
on mobile support



Self-lubricating
moving
components



Silent pump



Narrow crimping head
for big flanges
and 90° fittings



Back limit switch



Protractor for fittings
orientation



Service counter



Industrial hose
crimp calculator










Ideal for
volume production

TECHNICAL DATA

	V340I ES	V300I ES
CRIMPING FORCE	914 US TONS	725 US TONS
6 SPIRALS 2 PIECES	3"	3"
INDUSTRIAL HOSE	12" *	12" *
MAX Ø	350 mm (13.8")	350 mm (13.8")
DIE OPENING	Ø + 6.1"	Ø + 6.1"
OPENING WITHOUT DIES	18.7"	18.7"
STANDARD VOLTAGE	Any 60HZ 3PH	Any 60HZ 3PH
MOTOR POWER	11 Kw (15 Hp) - A= 20.76	7.5 Kw (10 Hp) - A= 14.39
DIMENSIONS LxWxH	47.2"x37.4"x81.8"	47.2"x37.4"x81.8"
WEIGHT WITHOUT OIL	11541 Lbs	10868 Lbs
OIL (NOT INCLUDED)	300 Lt. (79 US gal)	300 Lt. (79 US gal)
POWER PACK LxWxH	36.4"x26.3"x51.7"	36.4"x26.3"x49.9"
POWER PACK WEIGHT	871 Lbs	485 Lbs

ACCESSORIES

ACCESSORIES			
CRIMPING THROUGH PRESSURE CONTROL (INCLUDED)	INDUSTRY 4.0 KIT		
CRIMPING SPEED CONTROL SYSTEM	CRIMPING DIAMETER SELF CORRECTION		
QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL (INCLUDED)	DATA SAVE ON CSV FILE		
MULTISTEP CRIMPING DIAMETERS			
		V340I ES	V300I ES
BARCODE		■	■
CAMERA		■	■
CONNECTION TO PC		■	■
DISPENSER + QUICK CHANGE		■	■
ELECTRIC PEDAL		■	■
SIDE HOLDER TABLE		■	■
FRONT AND REAR PROTECTION NET WITH ACTIVATION LIMIT SWITCH		■	■

Diameter (mm) ►	10	12	14	16	19	22	25	29	34	38	42	46	50	54	58	63	69	73	77	86	96	103	106	111	116	121	126	131	136	146	156	166	178	190	205	220	235	250	270	290			
	DIES LENGTH (mm)																																										
V340I ES - V300I ES	60	60	60	60	60	60	60	70	70	85	85	120	120	120	120	120	120	120	120	120	120	120	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145

* WITH SPECIAL DIES
ALL CAPACITIES INDICATED DEPEND ON THE KIND OF FITTING USED

Product specifications could be modified without prior notice.



TUBOMATIC V250 IES

Code: **TUBV250IES**

CRIMPING (HIGH VOLUME CRIMPING)



TUBOMATIC V160 IES

Code: **TUBV160IES**

CRIMPING (HIGH VOLUME CRIMPING)



MAIN FEATURES



ES4 touch-screen
electronic control



Self-lubricating
moving
components



Silent pump



Narrow crimping head
for big flanges
and 90° fittings



Back limit switch



Protractor for fittings
orientation



Service counter



















Industrial hose
crimp calculator



Ideal for
volume production

TECHNICAL DATA		
	V250 IES	V160 IES
CRIMPING FORCE	551 US TONS	386 US TONS
6 SPIRALS 2 PIECES	3"	3"
INDUSTRIAL HOSE	10" *	6" *
MAX Ø	270 mm (10.6")	213 mm (8.4") (with dies of Ø 131 mm)
CRIMPING / HOUR	1000 ■	850 ■
CLOSING SPEED	0.5"/sec	0.6"/sec
CRIMPING SPEED	0.06"/sec	0.07"/sec
OPENING SPEED	0.8"/sec	2.1"/sec
DIE OPENING	Ø + 5.9"	Ø + 5.1"
OPENING WITHOUT DIES	14.9"	11.3"
STANDARD VOLTAGE	Any 60HZ 3PH	Any 60HZ 3PH
MOTOR POWER	11 Kw (15 Hp) A= 20.76	7,5 Kw (10 Hp) A= 14.39
DIMENSIONS LxWxH	53.1"x26.1"x74.2"	41.7"x34.4"x76.2"
WEIGHT WITHOUT OIL	6717 Lbs	4916 Lbs
OIL (NOT INCLUDED)	300 Lt. (79 US gal)	180 Lt. (47 US gal)
POWER PACK LxWxH	36.5"x26.3"x51.7"	33.5"x27.9"x41.7"
POWER PACK WEIGHT	694 Lbs	690 Lbs

ACCESSORIES			
CRIMPING THROUGH PRESSURE CONTROL (INCLUDED)	INDUSTRY 4.0 KIT		
CRIMPING SPEED CONTROL SYSTEM	CRIMPING DIAMETER SELF CORRECTION		
QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL (INCLUDED)	DATA SAVE ON CSV FILE		
MULTISTEP CRIMPING DIAMETERS			
		V250 IES	V160 IES
BARCODE			
CAMERA			
CONNECTION TO PC			
DISPENSER + PATENTED QUICK CHANGE			
ELECTRIC PEDAL			
SIDE HOLDER TABLE			
FRONT AND REAR PROTECTION NET WITH ACTIVATION LIMIT SWITCH			

Diameter (mm) ►	10	12	14	16	19	22	25	29	34	38	42	46	50	54	58	63	69	73	77	86	96	103	106	111	116	121	126	131	136	146	156	166	178	190	200	
	DIES LENGTH (mm)																																			
V250 IES	60	60	60	60	60	60	60	70	70	85	85	120	120	120	120	120	120	120	120	120	120	145	145	145	145	145	145	145	145	145	145	145	145	145	145	145
V160 IES	60	60	60	60	60	60	60	70	70	85	85	120	120	120	120	120	120	120	120	120	120	135	135	135	135	135	135	135	135	-	-	-	-	-	-	-

■ THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE - * WITH SPECIAL DIES
ALL CAPACITIES INDICATED DEPEND ON THE KIND OF FITTING USED

Product specifications could be modified without prior notice.



TUBOMATIC V159 ES

Code: **TUBV159ES**

CRIMPING (HIGH VOLUME CRIMPING)



TUBOMATIC V150 ES

Code: **TUBV150ES**

CRIMPING (HIGH VOLUME CRIMPING)



MAIN FEATURES



ES4 touch-screen
electronic control



Self-lubricating
moving
components



Silent pump



6 o'clock die
in fixed position for a
better stability of the hose



Narrow crimping head
for big flanges
and 90° fittings



Back limit switch



Protractor for fittings
orientation



Service counter























Ideal for
volume production

V159 ES

TECHNICAL DATA

	V159 ES	V150 ES
CRIMPING FORCE	330 US TONS	340 US TONS
6 SPIRALS 2 PIECES	2" 1/2	2" 1/2
INDUSTRIAL HOSE	6" *	4"
MAX Ø	159 mm (6.2")	118 mm (4.6")
CRIMPING/HOUR	2400 ■	1365 ■
CLOSING SPEED	0.8"/sec	0.4"/sec
CRIMPING SPEED	0.09"/sec	0.08"/sec
OPENING SPEED	0.9"/sec	1.3"/sec
DIE OPENING	Ø + 2.7"	Ø + 2.7"
OPENING WITHOUT DIES	8.9"	7.4"
STANDARD VOLTAGE	Any 60HZ 3PH	Any 60HZ 3PH
MOTOR POWER	5.5 Kw (7.5 Hp) - A=10.64	5.5 Kw (7.5 Hp) - A=10.64
DIMENSIONS LxWxH	39.3"x45.6"x63.6"	36.2"x28.7"x63.1"
WEIGHT WITHOUT OIL	3395 Lbs	2707 Lbs
OIL (NOT INCLUDED)	185 Lt. (48 US gal)	167 Lt. (44 US gal)
POWER PACK LxWxH	-	34" x 28.9" x 45.6"
POWER PACK WEIGHT	-	646 Lbs
BACK MIRROR	INCLUDED	INCLUDED

ACCESSORIES

ACCESSORIES			
CRIMPING THROUGH PRESSURE CONTROL (INCLUDED)	INDUSTRY 4.0 KIT		
CRIMPING SPEED CONTROL SYSTEM	CRIMPING DIAMETER SELF CORRECTION		
QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL (INCLUDED)	DATA SAVE ON CSV FILE		
MULTISTEP CRIMPING DIAMETERS			
		V159 ES	V150 ES
BARCODE			
CAMERA			
CONNECTION TO PC			
ELECTRIC PEDAL			
SIDE HOLDER TABLE			
FRONT AND REAR PROTECTION NET WITH ACTIVATION LIMIT SWITCH			
DISPENSER + PATENTED QUICK CHANGE			

Diameter (mm) ►	10	12	14	16	19	22	25	29	34	38	42	46	50	54	58	63	69	73	77	86	96	103	106	111	116	121	126	131
	DIES LENGTH (mm)																											
V159 ES	60	60	60	60	60	60	60	70	70	85	85	120	120	120	120	120	120	120	120	120	120	126	126	126	126	126	126	126
V150 ES	60	60	60	60	60	60	60	70	70	85	85	120	120	120	120	120	120	120	120	120	120	-	-	-	-	-	-	-

■ THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE *WITH SPECIAL DIES
ALL CAPACITIES INDICATED DEPEND ON THE KIND OF FITTING USED

Product specifications could be modified without prior notice.



TUBOMATIC V59 ES

Code: **TUBV59ES**

CRIMPING (HIGH VOLUME CRIMPING)



TUBOMATIC V59/E ES

Code: **TUBV59EES**

CRIMPING (HIGH VOLUME CRIMPING)



MAIN FEATURES



ES4 touch-screen
electronic control

V59 ES



ES3 touch-screen
electronic control

V59/E ES



Self-lubricating
moving
components



Silent pump



6 o'clock die
in fixed position
for a better stability
of the hose
V59 ES



Narrow crimping
head for big flanges
and 90° fittings



Back limit switch

V59 ES



Protractor for fittings
orientation

V59 ES



Service counter

V59 ES



Ideal for
volume production

TECHNICAL DATA		
	V59 ES	V59/E ES
CRIMPING FORCE	155 US TONS	155 US TONS
6 SPIRALS 2 PIECES	1"	1"
4 SPIRALS 2 PIECES	1" 1/4	1" 1/4
2 SPIRALS	-	1" 1/2*
2 BRAIDS 2 PIECES	1" 1/2*	-
MAX Ø	67 mm (2.6") ♦	67 mm (2.6") ♦
CRIMPING / HOUR	3900 ■	1363 ■
CLOSING SPEED	0.4"/sec	0.2"/sec
CRIMPING SPEED	0.2"/sec	0.2"/sec
OPENING SPEED	0.4"/sec	0.5"/sec
DIE OPENING	Ø + 1.9"	Ø + 1.9"
OPENING WITHOUT DIES	4.6"	4.6"
STANDARD VOLTAGE	Any 60HZ 3PH	Any 60HZ 3PH
MOTOR POWER	5.5 Kw (7.5 Hp) - A=10.64	5.5 Kw (7.5 Hp) - A=10.64
DIMENSIONS LxWxH	25.9"x28.3"x58.6"	31.4"x25.5"x55.1"
WEIGHT WITHOUT OIL	1199 Lbs	1261 Lbs
OIL (NOT INCLUDED)	70 Lt. (18 US gal)	45 Lt. (11 US gal)
POWER PACK LxWxH	-	25.1"x24.4"x29.3"
POWER PACK WEIGHT	-	243 Lbs
BACK MIRROR	INCLUDED	NOT INCLUDED

ACCESSORIES			
CRIMPING THROUGH PRESSURE CONTROL V59ES: INCLUDED	INDUSTRY 4.0 KIT (V59 ES)		
CRIMPING SPEED CONTROL SYSTEM	CRIMPING DIAMETER SELF CORRECTION (V59 ES)		
QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL V59ES: INCLUDED	DATA SAVE ON CSV FILE (V59 ES)		
MULTISTEP CRIMPING DIAMETERS	USB KIT (V59/E ES)		
		V59 ES	V59/E ES
BARCODE		■	-
CAMERA		■	-
CONNECTION TO PC		■	-
ELECTRIC PEDAL		■	■
SIDE HOLDER TABLE		■	■
FRONT AND REAR PROTECTION NET WITH ACTIVATION LIMIT SWITCH		■	■
DISPENSER + QUICK CHANGE			
BACK LIMIT SWITCH		included	not included

Diameter (mm) ►	10	12	14	16	19	22	25	29	34	38	42	46
	DIES LENGTH (mm)											
V59 ES	85	85	85	85	85	85	85	85	85	85	85	85
V59/E ES	60	60	60	60	60	60	60	70	70	85	85	85

■ THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE - ♦ WITH SPECIAL DIES Ø 54 MM UPON REQUEST - * WITH SPECIAL DIES
ALL CAPACITIES INDICATED DEPEND ON THE KIND OF FITTING USED

Product specifications could be modified without prior notice.



TUBOMATIC N120 ES

Code: **TUBN120ES**

CRIMPING (HIGH VOLUME CRIMPING)



IDEAL FOR NUTS AND
HIGH/LOW PRESSURE CABLES

TUBOMATIC N120 EL

Code: **TUBN120EL**

CRIMPING (HIGH VOLUME CRIMPING)



MAIN FEATURES



ES4 touch-screen
electronic control

N120 ES



Silent pump



Electro-mechanical control

N120 EL



Vernier dial

N120 EL



Service counter



















Vertical working position



Ideal for
volume production

TECHNICAL DATA		
	N120 ES	N120 EL
CRIMPING FORCE	90 US TONS	90 US TONS
MAX Ø	120 mm (4.7") ♦	120 mm (4.7") ♦
CRIMPING/HOUR	2500 ■	2500 ■
DIE OPENING	Ø + 0.9"	Ø + 0.9"
STANDARD VOLTAGE	Any 60HZ 3PH	Any 60HZ 3PH
MOTOR POWER	4 Kw (5.5 Hp)	4 Kw (5.5 Hp)
DIMENSIONS LWxH	42.5"x31.8"x50.7"	42.5"x31.8"x50.7"
CLOSING SPEED	0.3"/sec	0.3"/sec
CRIMPING SPEED	0.1"/sec	0.1"/sec
OPENING SPEED	3.6"/sec	3.6"/sec
WEIGHT WITHOUT OIL	1003 Lbs	1003 Lbs
OIL (NOT INCLUDED)	65 lt (17 US gal)	65 lt (17 US gal)

ACCESSORIES N120ES				
CRIMPING THROUGH PRESSURE CONTROL (INCLUDED)		INDUSTRY 4.0 KIT		
CRIMPING SPEED CONTROL SYSTEM		CRIMPING DIAMETER SELF CORRECTION		
QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL (INCLUDED)		DATA SAVE ON CSV FILE		
MULTISTEP CRIMPING DIAMETERS				
			N120 ES	N120 EL
BARCODE				-
CAMERA				-
CONNECTION TO PC				-
DISPENSER + PATENTED QUICK CHANGE				
AUTOMATIC LUBRICATING SYSTEM				
ELECTRIC PEDAL				

N120 ES - N120 EL

CRIMPING DIES: PLEASE CONTACT OUR SALES DEPARTMENT

■ THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE - ♦ WITH SPECIAL DIES Ø 104 MM UPON REQUEST
ALL CAPACITIES INDICATED DEPEND ON THE KIND OF FITTING USED

Product specifications could be modified without prior notice.



TUBOMATIC S77 ES

Code: **TUBS77ES**

CRIMPING (HIGH VOLUME CRIMPING)



PROVIDED WITH WIDE FRONTAL RIFT,
IDEAL FOR COMBINED FLEXIBLE HOSES,
HOSES WITH TIGHT BENDS, LOW PRESSURE,
BRAKE AND TEXTILE HOSES

TUBOMATIC S33 PI

Code: **TUBS33PI**

CRIMPING (HIGH VOLUME CRIMPING)



DIES



HOSE CRIMPING
SAMPLE

MAIN FEATURES



ES4 touch-screen
electronic control

S77 ES



Self-lubricating
moving
components

S77 ES



Silent pump

S77 ES



6 o'clock die
in fixed position for
a better stability
of the hose

S77 ES



Narrow crimping head
for big flanges
and 90° fittings

S77 ES



Service counter

S77 ES



Pneumatic input

S33 PI



Wide lateral opening

S33 PI



Ideal for the
automotive industry















S33 PI



Ideal for
volume production

S33 PI

TECHNICAL DATA		
	S77 ES	S33 PI
CRIMPING FORCE	49 US TONS	-
CRIMPING FORCE (6bar)	-	10 US TONS
CRIMPING FORCE (9bar)	-	15 US TONS
HOSE	-	5/8"
MAX Ø	95 mm (3.7") [♦]	37 mm (1.4")
MACHINE EXTRA STROKE	Ø + 3.7"	Ø + 1.9"
CLOSING SPEED	0.9"/sec	1.1"/sec
CRIMPING SPEED	0.1"/sec	3.9"/sec
OPENING SPEED	1.2"/sec	1.9"/sec
CLOSING TIME	-	1.7 sec
CRIMPING TIME	-	1.4 sec
CRIMPING/HOUR	2430 [■]	-
CYCLE TIME	-	4.1 sec
DIE OPENING	Ø + 1.6"	Ø + 0.4"
FRONTAL OPENING	3.1"	1.4"
AIR SUPPLY	-	9 bar max
STANDARD VOLTAGE	Any 60HZ 3PH	-
MOTOR POWER	2.2 Kw (3 Hp)	-
DIMENSIONS LxWxH	43.3"x35.4"x84.4"	24.6"x14.1"x41.3"
WEIGHT WITHOUT OIL	2425 Lbs	364 Lbs
OIL (NOT INCLUDED)	100 Lt. (26 US gal)	-
CYLINDER	-	DOUBLE EFFECT

ACCESSORIES S77 ES			
CRIMPING THROUGH PRESSURE CONTROL (INCLUDED)	INDUSTRY 4.0 KIT		
CRIMPING SPEED CONTROL SYSTEM	CRIMPING DIAMETER SELF CORRECTION		
QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL (INCLUDED)	DATA SAVE ON CSV FILE		
MULTISTEP CRIMPING DIAMETERS			
		S77 ES	S33 PI
BARCODE			-
CAMERA			-
CONNECTION TO PC	 LAN		
DISPENSER + PATENTED QUICK CHANGE	 		-
SIDE HOLDER TABLE			-
ELECTRIC PEDAL			

Diameter (mm)▶	10	12	14	16	16.3	18	19	19.8	22	25	25.5	29	34	38	42	46
	DIES LENGTH (mm)															
S77 ES	85	85	85	85	-	-	85	-	85	85	-	85	85	85	85	85
S33 PI	-	-	26	-	26	26	-	26	26	-	26	-	-	-	-	-

■ THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE - ♦ WITH SPECIAL DIES Ø 54 MM UPON REQUEST
ALL CAPACITIES INDICATED DEPEND ON THE KIND OF FITTING USED

Product specifications could be modified without prior notice.



TUBOMATIC H170 EL

Code: **TUBH170EL**

CRIMPING (STANDARD VOLUME CRIMPING)

WIDE
OPENING, IDEAL
FOR BIG FLANGES



TUBOMATIC H144 ES

Code: **TUBH144ES**

CRIMPING (STANDARD VOLUME CRIMPING)



TUBOMATIC H144 EL

Code: **TUBH144EL**

CRIMPING (STANDARD VOLUME CRIMPING)



MAIN FEATURES



Ideal for any type of fitting



ES3 touch-screen
electronic control

H144 ES



Warning LED

**H170 EL
H144 EL**



Back limit switch

H144 ES



Vernier dial

**H170 EL
H144 EL**



Electro-mechanical control

**H170 EL
H144 EL**



Ideal for your workshop

TECHNICAL DATA			
	H170 EL	H144 ES	H144 EL
CRIMPING FORCE	308 US TONS	440 US TONS	440 US TONS
6 SPIRALS 2 PIECES	1" 1/2	2" 1/2	2" 1/2
4 SH 2 PIECES	2"	-	-
INDUSTRIAL HOSE	4"	4"	4"
MAX Ø	170 mm (6.7") ♦	144 mm (5.6")	129 mm (5")
CRIMPING / HOUR	865 ■	703 ■	703 ■
DIE OPENING	Ø + 2.4"	Ø + 1.7"	Ø + 1.7"
90° FITTINGS	2"	2"	2"
STANDARD VOLTAGE	Any 60HZ 3PH	Any 60HZ 3PH	Any 60HZ 3PH
MOTOR POWER	5.5 Kw (7 Hp) - A 10.74	5.5 Kw (7 Hp) - A 10.74	5.5 Kw (7 Hp) - A 10.74
DIMENSIONS LxWxH	32.2"x25.9"x32.9"	33"x30.3"x33.6"	33"x25.9"x 33.6"
WEIGHT WITHOUT OIL	1102 Lbs	1213 Lbs	1210 Lbs
OIL (NOT INCLUDED)	110 Lt. (29 US gal)	110 Lt. (29 US gal)	110 Lt. (29 US gal)
SETTABLE RE-OPENING TIME AFTER CRIMPING	■	-	■
SETTABLE CRIMPING TIME	■	-	■

ACCESSORIES				
		H170 EL	H144 ES	H144 EL
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		■	■	■
BACK MIRROR		■	■	■
CLEANING AND MAINTENANCE KIT		■	■	■
ELECTRIC PEDAL				

Diameter (mm) ▶	10	12	14	16	19	22	25	29	34	38	42	46	50	54	58	63	69	73	77	86	90	96	103	106	111	116	121	126	131
H170 EL H144 ES - H144 EL	DIES LENGTH (mm)																												
	60	60	60	60	60	60	60	70	70	85	85	95	95	95	95	100	100	100	120	120	150	120	130	130	130	130	130	130	130

♦ WITH SPECIAL DIES Ø 131 MM UPON REQUEST

■ THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE - ALL CAPACITIES INDICATED DEPEND ON THE KIND OF FITTING USED

Product specifications could be modified without prior notice.



TUBOMATIC H135 ES

Code: **TUBH135ES**

CRIMPING (STANDARD VOLUME CRIMPING)



TUBOMATIC H135 EL

Code: **TUBH135EL**

CRIMPING (STANDARD VOLUME CRIMPING)



TUBOMATIC H135/E EL

Code: **TUBH135/EEL**

CRIMPING (STANDARD VOLUME CRIMPING)



MAIN FEATURES



Ideal for any type of fitting



ES3 touch-screen
electronic control

H135 ES



Back limit switch

H135 ES



Electro-mechanical control

H135 EL
H135/E EL



Warning LED

H135 EL



Vernier dial

H135 EL
H135/E EL



Ideal for your workshop

TECHNICAL DATA			
	H135 ES	H135 EL	H135/E EL
CRIMPING FORCE	345 US TONS	345 US TONS	330 US TONS
6 SPIRALS 2 PIECES	2"	2"	2"
INDUSTRIAL HOSE	3"	3"	3"
MAX Ø	135 mm (5.3") [♦]	120 mm (4.7") [♦]	111 mm (4.3") [♦]
CRIMPING / HOUR	865 [■]	865 [■]	271 [■]
DIE OPENING	Ø + 1.6"	Ø + 1.6"	Ø + 1.6"
90° FITTINGS	2"	2"	2"
STANDARD VOLTAGE	Any 60HZ 3PH	Any 60HZ 3PH	230V 60HZ 1PH
MOTOR POWER	5.5 Kw (7.5 Hp) - A= 10.64	5.5 Kw (7.5 Hp) - A= 10.64	4 Kw (5.5 Hp)
DIMENSIONS LxWxH	32.2"x29.5"x32.2"	32.2"x25.9"x32.2"	30.7"x24.8"x28"
WEIGHT WITHOUT OIL	1047 Lbs	1036 Lbs	704 Lbs
OIL (NOT INCLUDED)	110 Lt. (29 US gal)	110 Lt. (29 US gal)	55 Lt. (14 US gal)
SETTABLE RE-OPENING TIME AFTER CRIMPING	-	■	-
SETTABLE CRIMPING TIME	-	■	-

ACCESSORIES				
		H135 ES	H135 EL	H135/E EL
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		■	■	■
BACK MIRROR		■	■	-
CLEANING AND MAINTENANCE KIT		■	■	■
ELECTRIC PEDAL				

Diameter (mm) ▶	10	12	14	16	19	22	25	29	34	38	42	46	50	54	58	63	69	73
H135 ES - H135 ES H135/E EL	DIES LENGTH (mm)																	
	60	60	60	60	60	60	60	70	70	85	85	95	95	95	95	100	100	100

* WITH SPECIAL DIES Ø 104 MM UPON REQUEST ■ THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE
ALL CAPACITIES INDICATED DEPEND ON THE KIND OF FITTING USED

Product specifications could be modified without prior notice.



TUBOMATIC H130 ES

Code: **TUBH130ES**

CRIMPING (STANDARD VOLUME CRIMPING)



TUBOMATIC H130 EL

Code: **TUBH130EL**

CRIMPING (STANDARD VOLUME CRIMPING)



TUBOMATIC H130/E EL

Code: **TUBH130/EEL**

CRIMPING (STANDARD VOLUME CRIMPING)



MAIN FEATURES



Ideal for any type of fitting



ES3 touch-screen
electronic control

H130 ES



Back limit switch

H130 ES



Electro-mechanical control

**H130 EL
H130/E EL**



Warning LED

H130 EL



Vernier dial

**H130 EL
H130/E EL**



Ideal for your workshop

TECHNICAL DATA			
	H130 ES	H130 EL	H130/E EL
CRIMPING FORCE	210 US TONS	210 US TONS	275 US TONS
6 SPIRALS 2 PIECES	1" 1/4	1" 1/4	1" 1/4
4 SP 2 PIECES	2"	2"	2"
INDUSTRIAL HOSE	3"	3"	3"
MAX Ø	130 mm (5.1") ♦	124 mm (4.9") ♦	111 mm (4.3") ♦
CRIMPING / HOUR	780 ■	780 ■	246 ■
DIE OPENING	Ø + 1.3"	Ø + 1.3"	Ø + 1.3"
90° FITTINGS	2"	2"	2"
STANDARD VOLTAGE	Any 60HZ 3PH/1PH	Any 60HZ 3PH/1PH	Any 60HZ 3PH/1PH
MOTOR POWER	4 Kw (5.5 Hp)	4 Kw (5.5 Hp)	2.2 Kw (2.9 Hp)
DIMENSIONS LxWxH	29.9"x27.1"x28.7"	29.9"x26.5"x28.1"	26.2"x23.1"x26"
WEIGHT WITHOUT OIL	650 Lbs	650 Lbs	454 Lbs
OIL (NOT INCLUDED)	65 Lt. (17 US gal)	65 Lt. (17 US gal)	22 Lt. (6 US gal)
SETTABLE RE-OPENING TIME AFTER CRIMPING	-	■	-
SETTABLE CRIMPING TIME	-	■	-

ACCESSORIES				
		H130 ES	H130 EL	H130/E EL
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		■	■	■
BACK MIRROR		■	■	-
CLEANING AND MAINTENANCE KIT		■	■	■
ELECTRIC PEDAL		■	■	■

Diameter (mm) ▶	10	12	14	16	19	22	25	29	34	38	42	46	50	54	58	63	69	73
H130 ES	DIES LENGTH (mm)																	
H130 EL - H130/EEL	60	60	60	60	60	60	60	70	70	85	85	95	95	95	95	100	100	100

■ THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE - ♦ WITH SPECIAL DIES Ø 104 MM UPON REQUEST
ALL CAPACITIES INDICATED DEPEND ON THE KIND OF FITTING USED

Product specifications could be modified without prior notice.

TUBOMATIC H88 ES

Code: **TUBH88ES**

CRIMPING (STANDARD VOLUME CRIMPING)



ALSO AVAILABLE WITH
PORTABLE DIES HOLDER



TUBOMATIC H88 EL

Code: **TUBH88EL**

CRIMPING (STANDARD VOLUME CRIMPING)



MAIN FEATURES - CARATTERISTICHE PRINCIPALI



Ideal for any type of fitting



ES3 touch-screen
electronic control

H88 ES



Back limit switch

H88 ES



Electro-mechanical control

H88 EL



Warning LED

H88 EL



Vernier dial

H88 EL



Ideal for your workshop

TECHNICAL DATA		
	H88 ES	H88 EL
CRIMPING FORCE	150 US TONS	150 US TONS
6 SPIRALS 2 PIECES	1"	1"
4 SP 2 PIECES	1" 1/2"	1" 1/2"
4 SH 2 PIECES	1" 1/4"	1" 1/4"
MAX Ø	88 mm (3.4")	64 mm (2.5")
CRIMPING/HOUR	680	680
DIE OPENING	Ø + 1.8"	Ø + 1.8"
90° FITTINGS	1" 1/4"	1" 1/4"
STANDARD VOLTAGE	Any 60HZ 3PH/1PH	Any 60HZ 3PH/1PH
MOTOR POWER	4 Kw (5 Hp)	4 Kw (5 Hp)
DIMENSIONS LxWxH	27.5"x24.2"x25.1"	27.5"x26.5"x25.1"
WEIGHT WITHOUT OIL	386 Lbs	381 Lbs
OIL (NOT INCLUDED)	70 Lt. (18 US gal)	70 Lt. (18 US gal)
SETTABLE RE-OPENING TIME AFTER CRIMPING	-	■
SETTABLE CRIMPING TIME	-	■

ACCESSORIES			
		H88 ES	H88 EL
CRIMPING SPEED CONTROL SYSTEM		■	-
PRESSURE CONTROL SYSTEM KIT		■	-
USB KIT		■	-
QUALITY CHECK: PRESSURE AND DIAMETER COMBINED CONTROL		■	-
MULTISTEP CRIMPING DIAMETERS		■	-
DISPENSER + PATENTED QUICK CHANGE		■	■
ELECTRIC PEDAL		■	■
BASE		■	■
BACK MIRROR		■	■

Diameter (mm) ►	10	12	14	16	19	22	25	29	34	38	42	46
H88 ES	DIES LENGTH (mm)											
H88 EL	60	60	60	60	60	60	60	70	70	85	85	85

■ THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE - ♦ WITH SPECIAL DIES Ø 54 MM UPON REQUEST - ● WITH SPECIAL DIES
ALL CAPACITIES INDICATED DEPEND ON THE KIND OF FITTING USED

Product specifications could be modified without prior notice.



TUBOMATIC H83/E EL

Code: TUBH83/EEL

CRIMPING (STANDARD VOLUME CRIMPING)



TUBOMATIC H83/E PM

Code: TUBH83/EPM

CRIMPING (STANDARD VOLUME CRIMPING)



TUBOMATIC H83/E PI

Code: TUBH83/EPI

CRIMPING (STANDARD VOLUME CRIMPING)



MAIN FEATURES



Ideal for any type of fitting



Electro-mechanical control



Vernier dial



Manual pump



Pneumo-hydraulic pump



Ideal for your workshop

H83/E EL

H83/E EL

H83/E PM

H83/E PI

TECHNICAL DATA

	H83/E EL	H83/E PM	H83/E PI
CRIMPING FORCE	150 US TONS	150 US TONS	150 US TONS
6 SPIRALS 2 PIECES	1"	1"	1"
4 SP 2 PIECES	1" 1/2*	1" 1/2*	1" 1/2*
4 SH 2 PIECES	1" 1/4	1" 1/4	1" 1/4
MAX Ø	64 mm (2.5")*	64 mm (2.5")*	64 mm (2.5")*
DIE OPENING	Ø + 1.6"	Ø + 1.6"	Ø + 1.6"
90° FITTINGS	1" 1/4*	1" 1/4*	1" 1/4*
STANDARD VOLTAGE	Any 60HZ 3PH/1PH	-	-
MOTOR POWER	3 Kw (4 Hp)	-	-
DIMENSIONS LxWxH	23.2"x23.2"x21.2"	23.6"x17.5"x18.7"	18.7"x18.7"x22"
WEIGHT WITHOUT OIL	264 Lbs	187 Lbs	180 Lbs
REQUIRED EFFORT ON THE LEVER	-	44 Lbs	-
CYLINDER	SINGLE EFFECT	SINGLE EFFECT	SINGLE EFFECT
OIL	30 Lt. (8 US gal) not included	5 Lt. (1 US gal) included	3 Lt. (0.8 US gal) included

ACCESSORIES

		H83/E EL	H83/E PM	H83/E PI
PORTABLE DISPENSER + PATENTED QUICK CHANGE		■	■	■
DISPENSER + PATENTED QUICK CHANGE		■	-	-
BASE		■	-	-
ELECTRIC PEDAL		■	-	-

Diameter (mm) ▶	10	12	14	16	19	22	25	29	34	38	42	46
H83/E EL H83/E PM - H83/E PI	DIES LENGTH (mm)											
	60	60	60	60	60	60	60	70	70	85	85	85

* WITH SPECIAL DIES Ø 54 MM UPON REQUEST - • WITH SPECIAL DIES
ALL CAPACITIES INDICATED DEPEND ON THE KIND OF FITTING USED

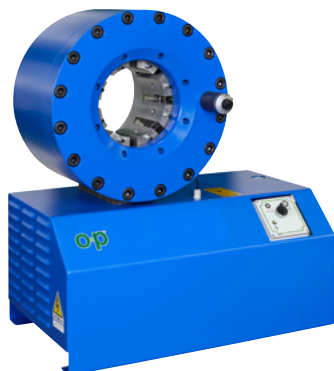
Product specifications could be modified without prior notice.



TUBOMATIC H135 24V/12V

Code: TUBH13524V / TUBH13512V

CRIMPING (STANDARD VOLUME CRIMPING)



TUBOMATIC H130 12V/24

Code: TUBH13012V / TUBH13024V

CRIMPING (STANDARD VOLUME CRIMPING)



TUBOMATIC H83/E 12V

Code: TUBH83/E12V

CRIMPING (STANDARD VOLUME CRIMPING)



MAIN FEATURES



Ideal for any type of fitting



24V - 12V



Back limit switch



LED indicating when the set crimping diameter is reached



Vernier dial



Electro-mechanical control



Ideal for on-site service

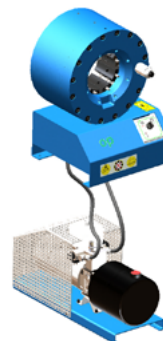
H135 24V
H130 12V

H135 24V

TECHNICAL DATA - DATI TECNICI			
	H135 12V/24V	H130 12V/24V	H83/E 12V
CRIMPING FORCE	330 US TONS	210 US TONS	150 US TONS
6 SPIRALS 2 PIECES	2"	1"	1"
4 SP 2 PIECES	-	2"	1" 1/2"
4 SH 2 PIECES	-	-	1" 1/4"
INDUSTRIAL HOSE	3"	3"	-
MAX Ø	111 mm (4.3") ♦	113 mm (4.4") ♦	64 mm (2.5") ♦
DIE OPENING	Ø + 1.6"	Ø + 1.3"	Ø + 1.6"
90° FITTINGS	2"	2"	1" 1/4"
STANDARD VOLTAGE	24V / 12V	12V / 24V D.C.	12V D.C.
MOTOR POWER	4 Kw (5.3 Hp)	1.6 Kw (2.1 Hp)	2.1 Kw (2.82 Hp)
DIMENSIONS LxWxH	26.4"x16.6"x30"	22.8"x19.6"x21.2"	22.6"x20.9"x17.7"
WEIGHT WITHOUT OIL	639 Lbs	317 Lbs	220 Lbs
OIL (NOT INCLUDED)	10 Lt. (2.5 US gal)	12 Lt. (3 US gal)	8.5 Lt. (2 US gal)
CYLINDER	-	-	SINGLE EFFECT

ACCESSORIES - ACCESSORI			
	H135	H130	H83/E
DISPENSER + PATENTED QUICK CHANGE			
PORTABLE DISPENSER + STANDARD QUICK CHANGE			
BASE			
CLEANING AND MAINTENANCE KIT			

ALSO AVAILABLE WITH SEPARATE POWER PACK



Diameter (mm) ▶	10	12	14	16	19	22	25	29	34	38	42	46	50	54	58	63	69	73
	DIES LENGTH (mm)																	
H135 24V - H130 12V	60	60	60	60	60	60	60	70	70	85	85	95	95	95	95	100	100	100
H83/E 12V	60	60	60	60	60	60	60	70	70	85	85	85	-	-	-	-	-	-

♦ WITH SPECIAL DIES Ø 54 MM UPON REQUEST - ♦ WITH SPECIAL DIES
ALL CAPACITIES INDICATED DEPEND ON THE KIND OF FITTING USED

Product specifications could be modified without prior notice.



TUBOMATIC HS54 ES

Code: **TUBHS54ES**

CRIMPING (STANDARD VOLUME CRIMPING)

IDEAL FOR ROPES,
EYELET TERMINALS
AND APPLICATIONS
WHICH REQUIRE A LOW
CRIMPING FORCE



TUBOMATIC H64/PM

Code: **TUBH64PM**

CRIMPING (SERVICE)



TUBOMATIC J67 EL

Code: **TUBJ67EL**

CRIMPING (STANDARD VOLUME CRIMPING)

HYDRAULIC UNIT
350 BAR - 5000 PSI



MAIN FEATURES



ES3 touch-screen
electronic control

HS54 ES



Back limit switch

HS54 ES



Ideal for the automotive
industry

HS54 ES



Manual pump

H64/PM



LED indicating when the
set crimping diameter
is reached

H64/PM



Ideal for on-site service

H64/PM



Vertical working position

J67 EL



Digital micrometer

J67 EL



Electro-mechanical control

J67 EL

TECHNICAL DATA

	HS54 ES	H64/PM	J67 EL
CRIMPING FORCE	76 US TONS	132 US TONS	190 US TONS
4 SPIRALS	-	-	1"1/4
6 SPIRALS 2 PIECES	-	1"	
2 BRAIDS	-	-	1"1/2
2 BRAIDS 2 PIECES	-	1"1/2	
MAX Ø	54 mm (2.1")	64 mm (2.5")	67 mm (2.6")
CRIMPING/HOUR	1650 ■		-
DIE OPENING	Ø + 1.1"	Ø + 0.6"	-
90° FITTING	2"	-	1"1/2 *
DIMENSIONS LxWxH	24.2"x24.1"x23.3"	12"x10.1"x12.2"	25.1"x22.4"x25.9
WEIGHT WITHOUT OIL	254 Lbs	95 Lbs	291 Lbs
OIL	50 Lt. (13 US gal)	-	7 Lt. (1.8 US gal)
REQUIRED EFFORT ON THE LEVER	-	77 Lbs	-
MOTOR POWER	3 kw (4 Hp)	-	1.1 Kw (1.5 Hp)
VOLTAGE	Any 60HZ 3PH	-	110V 60Hz 1Ph
CYLINDER	-	SINGLE EFFECT	SINGLE EFFECT

ACCESSORIES

		HS54 ES	H64/PM	J67 EL
CRIMPING SPEED CONTROL SYSTEM		■	-	-
PRESSURE CONTROL SYSTEM KIT		■	-	-
USB KIT		■	-	-
MULTISTEP CRIMPING DIAMETERS		■	-	-
DISPENSER + PATENTED QUICK CHANGE		■	-	-
DIES HOLDER DISPENSER		-	-	■
BASE		■	-	■
ELECTRIC PEDAL		■	-	-
BACK MIRROR		■	-	-

Diameter (mm) ►	10	12	14	16	19	22	25	29	34	38	42	46	50	54
	DIES LENGTH (mm)													
HS54 ES	50	50	50	50	50	50	50	50	50	50	50	50	-	-
H64/PM	46	46	46	46	55	55	55	60	60	65	65	65	65	65
J67 EL	85	85	85	85	85	85	85	85	85	85	85	85	85	85

■ THEORETICAL WITH 1/2" Δ Ø 6 MM HOSE - ♦ WITH SPECIAL DIES Ø 54 MM UPON REQUEST * ACCORDING TO THE FITTING
ALL CAPACITIES INDICATED DEPEND ON THE KIND OF FITTING USED

Product specifications could be modified without prior notice.



TUBOMATIC H47/E EL

Code: **TUBH47/EEL**

CRIMPING (SERVICE)



TUBOMATIC H47 PI

Code: **TUBH47PI**

CRIMPING (SERVICE)



TUBOMATIC H47 PM

Code: **TUBH47PM**

CRIMPING (SERVICE)



TUBOMATIC H47 E - Code: **TUBH47E**
ALSO AVAILABLE WITH SEPARATE PUMP



MAIN FEATURES



Electro-mechanical control

H47/E EL



Manual pump

H47 PM



Pneumo-hydraulic pump

H47PI



LED indicating when the set crimping diameter is reached

**H47 PM
H47 PI**



Pneumatic input

H47 PI



Ideal for on-site service

TECHNICAL DATA			
	H47/E EL	H47 PI	H47 PM - H47 E
CRIMPING FORCE	130 US TONS	110 US TONS	110 US TONS
CAPACITY	1" 4 SP	1" 2 SP	1" 2 SP
MAX Ø	46 mm (1.8") *	46 mm (1.8") *	46 mm (1.8") *
CRIMPING / HOUR	930	-	-
DIE OPENING	Ø + 0.7"	Ø + 0.7"	Ø + 0.7"
90° FITTINGS	3/8"	3/8"	3/8"
DIMENSIONS LxWxH	19.6"x25.3"x26.3"	14.9"x16.9"x15.7"	15.3"x20.7"x11.8" H47 PM 7.8"x12.3"x12.5" H47 E
STANDARD VOLTAGE	Any 60HZ 3PH/1PH	-	-
MOTOR POWER	2.2 Kw (3 Hp)	-	-
WEIGHT WITHOUT OIL	208 Lbs	84 Lbs	71 Lbs H47 PM 64 Lbs H47 E
OIL	11 Lt. (3 US gal) not included	2.5 Lt (0.5 US gal) included	0.75 Lt (0.2 US gal) included
PNEUMATIC INPUT	-	max 7 Bar (100 Psi)	-
REQUIRED EFFORT ON THE LEVER	-	-	66 Lbs
CYLINDER	DOUBLE EFFECT	SINGLE EFFECT	SINGLE EFFECT

ACCESSORIES					
		H47/E EL	H47 PI	H47 PM	H47 E
ELECRIC PEDAL		■	-	-	-
TOOL FOR DIE CHANGE		included	■	■	■
DIE HOLDER DRAWER		-	included	included	-

Diameter (mm) ►	10	12	14	16	19	22	25	29
H47/E EL - H47 PI H47 PM - H47 E	DIES LENGTH (mm)							
	55	55	55	55	55	55	65	65

*DIE HOLDER
ALL CAPACITIES INDICATED DEPEND ON THE KIND OF FITTING USED

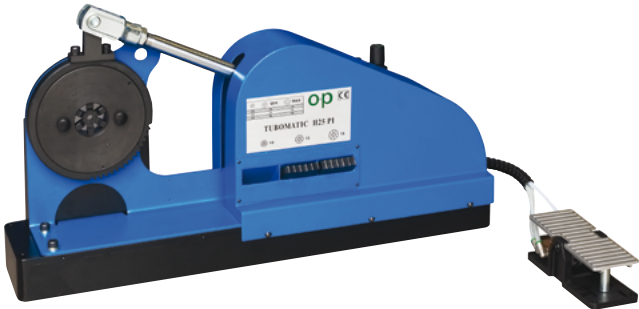
Product specifications could be modified without prior notice.



TUBOMATIC H25 PI

Code: **TUBH25PI**

CRIMPING (SERVICE)



IDEAL FOR LOW
PRESSURE HOSES

TUBOMATIC H25

Code: **TUBH25**

CRIMPING (SERVICE)



MAIN FEATURES



Pneumatic input

H25 PI



Pneumo-hydraulic pump

H25PI



Manually operated

H25



Ideal for on-site service

TECHNICAL DATA		
	H25 PI	H25
MAX Ø	25 mm (0.9")	25 mm (0.9")
DIE OPENING	Ø + 0.8"	Ø + 0.8"
DIMENSIONS LxWxH	31.8"x9.8"x17.3"	19.6"x7"x12.2"
WEIGHT WITHOUT OIL	110 Lbs	26 Lbs
PNEUMATIC INPUT	MAX 7 Bar (100 Psi)	-

ACCESSORIES			
		H25 PI	H25
DIES Ø 10-13-16 mm included		■	■

TUBOCUT 5

Code: TUBOCUT5

CUTTING

AUTOMATIC EQUIPMENT IDEAL FOR VOLUME PRODUCTION



MAIN FEATURES



Touch-screen electronic control



Recessed blade for a greater safety



Hose marking system



Suction connection



Drawer for internal cleaning



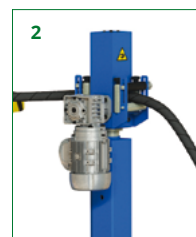
Ideal for volume production

TECHNICAL DATA	
4 SPIRALS	1"
OD HOSE	0.3"-1.6"
MEASURING TOLERANCE	± 2%
MIN. CUTTING LENGTH	9.8"
MAX. CUTTING LENGTH	3936.9"
BELT SPEED	15 - 30 - 40 Mt/Min.
BLADE Ø	20.4"
REVOLUTIONS/MINUTE	2800
MAX. REEL WEIGHT	330 Lbs
STANDARD 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	3.9"
PNEUMATIC INPUT	MAX 6 Bar (84 Psi)
CUTTING MACHINE WEIGHT	1653 Lbs
HOSE FEEDING SYSTEM WEIGHT	552 Lbs
CONVEYOR BELT WEIGHT	240 Lbs
CUTTING MACHINE DIMENSIONS LxWxH	57"x33.4"x57"
WINDER DIMENSIONS LxWxH	163.3"x41.3"x49.2"
CONVEYOR BELT DIMENSIONS LxWxH	84.6"x19.6"x39.3"

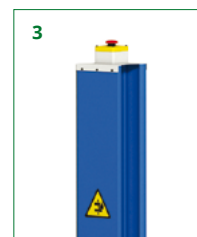
ACCESSORIES	
FUME EXTRACTOR	
CONVEYOR BELT	
READING AND IDENTIFICATION BARCODE SYSTEM	
HOSE MARKING SYSTEM WITH USER INTERFACE	
LAN AND USB CONNECTION CONFIGURATION (INCLUDED)	



HOSE WINDING SYSTEM



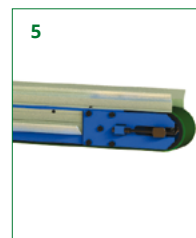
MOTORIZED HOSE DRIVING SYSTEM



LOOP CONTROL DEVICE



CUTTING MACHINE WITH TOUCH-SCREEN PLC



CONVEYOR BELT



PRINTER



SEMAUTOMATIC CUTTING LINE

Code: TAGLLINE

CUTTING



MAIN FEATURES



Hose rewinding in reels



Very precise cut



Remote control



Ideal for volume production

TECHNICAL DATA

MODULAR FLOOR	196.8"x 55.1"
DIMENSIONS LxWxH	216.7"x64.9"x49.6"
WEIGHT	1140 Lbs

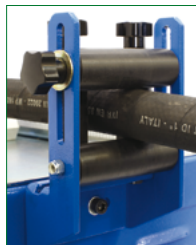
INCLUDED ACCESSORIES



REEL ROLLER
MECHANICAL BRAKE



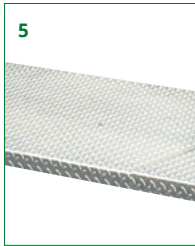
CENTERING DEVICE
WITH METER COUNTER



CENTERING DEVICE



ADJUSTABLE HOSE
LOCKER



MODULAR PLATFORM

SYSTEM COMPOSED OF:

- TF2 CUTTING MACHINE
- AV01EL REWINDER
- AV01 WINDER

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

TF6

Code: TAGLTF6D

CUTTING



TF5

Code: TAGLTF5D

CUTTING



TF4

Code: TAGLTF4D

CUTTING



MAIN FEATURES



Self-braking motor



Serrated blade



Self-centering
hose support



Drawer for internal cleaning



Recessed blade
for a greater safety



Safety protections



Touch-screen
electronic control



Digital stroke counter

TF6

TF5
TF4

TECHNICAL DATA

	TF6	TF5	TF4
6 SPIRALS	3"	2" 1/2	2"
4 SPIRALS	3"	3"	2" 1/2
2 BRAIDS	3"	3"	3"
INDUSTRIAL HOSE	4"	4"	3"
MAX Ø (OD)	6.2"	6.2"	3.9"
REVOLUTIONS/MINUTE	2900	2900	2900
PNEUMATIC INPUT	-	MAX 7 Bar (100 Psi)	MAX 7 Bar (100 Psi)
BLADE Ø	650 mm (25.6")	520 mm (20.4")	400 mm (15.7")
STANDARD VOLTAGE	Any 60HZ 3PH	Any 60HZ 3PH	Any 60HZ 3PH
DIMENSIONS LxWxH	49.2"x34.2"x63.5"	48"x26.1"x62.5"	44"x23.8"x57.2"
WEIGHT	1027 Lbs	860 Lbs	717 Lbs
SELF BRAKING MOTOR POWER	11 Kw (15 Hp) - A= 23	7.5 Kw (10 Hp) - A= 13.80	5.5 Kw (7.5 Hp) - A= 9.85

ACCESSORIES

		TF6	TF5	TF4
MEASURING HOSE HOLDER		■	■	■
CENTERING DEVICE + METER COUNTER (MAX 2')		■	■	■
FUME EXTRACTOR		■	■	■
BLOWING KIT		■	■	■
PEDAL-EQUIPPED ELECTRIC CONTROL (INCLUDED)		■	-	-
PEDAL-EQUIPPED PNEUMATIC CONTROL (INCLUDED)		-	■	■
CUTTING SPEED ADJUSTMENT DEVICE (INCLUDED)		-	■	■

TF6 ALSO AVAILABLE WITHOUT SELF-BRAKING MOTOR
Code: TAGLTF6D/NB



TF5 ECO

Code: TAGLTF5DECO

CUTTING

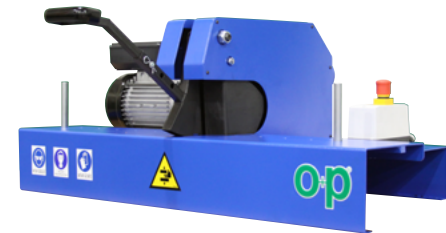


TF4/E

Code: TAGLTF4D/E

CUTTING

IDEAL FOR INDUSTRIAL HOSES



MAIN FEATURES - CARATTERISTICHE PRINCIPALI



Safety protections



Suction connection



Ideal for your workshop



Recessed blade
for a greater safety



Serrated blade



Diamond blade



Manually operated

TF5 ECO

TF4/E

TECHNICAL DATA

	TF5 ECO	TF4/E
6 SPIRALS	2" 1/2	2"
4 SPIRALS	3"	
2 BRAIDS	3"	
INDUSTRIAL HOSE	4"	
MAX Ø (OD)	6.2"	5.1"
REVOLUTIONS/MINUTE	2900	2900
PNEUMATIC INPUT	MAX 7 Bar (100 Psi)	
BLADE Ø	520 mm (20.4")	Diamond Blade 400 mm (15.7")
STANDARD VOLTAGE	Any 60HZ 3PH	Any 60HZ 3PH
DIMENSIONS LxWxH	41.9"x40.1"x30.3"	45.2"x26"x26.3"
WEIGHT	783 Lbs	187 Lbs
MOTOR POWER	7.5 Kw (10 Hp) - A= 13.35	4 Kw (5.5 Hp)

ACCESSORIES

		TF5 ECO	TF4/E
STROKE COUNTER		■	-
MEASURING HOSE HOLDER		■	-
CENTERING DEVICE + METER COUNTER (MAX 2")		■	■
BASE		■	-
FUME EXTRACTOR		■	-
BLOWING KIT		■	-
ELECTRIC PEDAL		included	-

TF3

Code: TAGLTF3D

CUTTING



TF3 PI

Code: TAGLTF3DPI

CUTTING



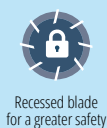
TF2

Code: TAGLTF2D

CUTTING



MAIN FEATURES



TF3 PI

TECHNICAL DATA

	TF3	TF3 PI	TF2
6 SPIRALS	2"	2"	1" 1/2
4 SPIRALS	2" 1/2	2" 1/2	2"
2 BRAIDS	3"	3"	2"
MAX Ø (OD)	3.9"	3.9"	2.9"
REVOLUTIONS/MINUTE	2900	2900	2900
BLADE Ø	400 mm (15.7")	400 mm (15.7")	250 mm (9.8")
STANDARD VOLTAGE	Any 60HZ 3PH	Any 60HZ 3PH	Any 60HZ 3PH/1PH
DIMENSIONS LxWxH	39.3"x27.9"x45.2"	40.3"x27.5"x45.2"	33"x21.6"x45.2"
WEIGHT	419 Lbs	530 Lbs	290 Lbs
MOTOR POWER	5.5 Kw (7.5 Hp) - A= 10.14	5.5 Kw (7.5 Hp) - A= 10.14	3 Kw (4 Hp)
PNEUMATIC INPUT	-	MAX 7 Bar (100 Psi)	-

ACCESSORIES

		TF3	TF3 PI	TF2
STROKE COUNTER		■	■	■
MEASURING HOSE HOLDER		■	■	■
CENTERING DEVICE + METER COUNTER (MAX 2")		■	■	■
MECHANICAL PEDAL CONTROL (INCLUDED)		■	-	■
PEDAL-EQUIPPED PNEUMATIC CONTROL (INCLUDED)		-	■	-
CUTTING SPEED ADJUSTMENT DEVICE (INCLUDED)		-	■	-

TF3/E

Code: TAGLTF3D/E

CUTTING



TF2/E

Code: TAGLTF2D/E

CUTTING



TF1/E

Code: TAGLTF1D/E

CUTTING



MAIN FEATURES



Safety protections



Suction connection



Serrated blade



Manually operated



Ideal for on-site service



Recessed blade for a greater safety



Also available in 12V - 24V

TF1/E
TF2/E
TF3/E

TECHNICAL DATA

	TF3/E	TF2/E	TF1/E
6 SPIRALS	2"	1" 1/2	1"
4 SPIRALS	-	2"	1" 1/4
2 BRAIDS	-	2"	1" 1/4
MAX Ø (OD)	3.3"	2.9"	2.3"
REVOLUTIONS/MINUTE	2900	2900	2900
BLADE Ø	350 mm (13.7")	250 mm (9.8")	250 mm (9.8")
STANDARD VOLTAGE	Any 60HZ 3PH/1PH	Any 60HZ 3PH/1PH	Any 60HZ 3PH/1PH
DIMENSIONS LxWxH	29.9"x20.9"x20"	25.5"x27.5"x16.5"	20.6"x25.9"x17.5"
WEIGHT	131 Lbs	97 Lbs	66 Lbs
MOTOR POWER	3 Kw (4 Hp)	3 Kw (4 Hp)	1.1 Kw (1.5 Hp)

ACCESSORIES

		TF3/E	TF2/E	TF1/E
CENTERING DEVICE + METER COUNTER (MAX 2")		■	■	-

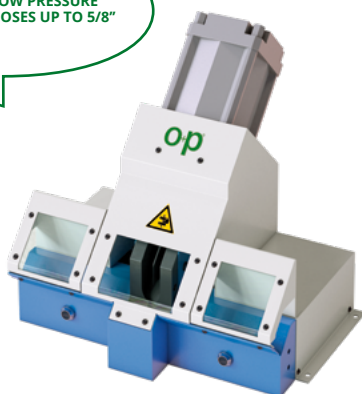
COMPACT AND INEXPENSIVE
EQUIPMENT, IDEAL FOR ON-SITE SERVICE

TT30PI

Code: TAGLTT30PI

CUTTING

IDEAL FOR LOW PRESSURE
AND TEXTILE HOSES UP TO 5/8"



MAIN FEATURES



Pneumatic input



Safety protections

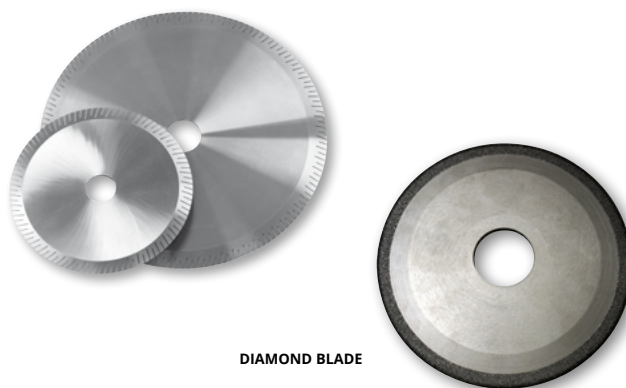
TECHNICAL DATA	
	TT30PI
MAX Ø (OD)	1.1"
DIMENSIONS LxWxH	17.3"x 18.3"x16.9"
WEIGHT	66 Lbs

ACCESSORIES		
		TT30PI
PEDAL		■
MEASURING HOSE HOLDER		■

CUTTING BLADES

CUTTING

TECHNICAL DATA	
DIMENSIONS mm (EXT Ø X W X INT. Ø)	
SMOOTH AND TOOTHED CUTTING BLADES*	
Ø 200 x 2.5 x 32	
Ø 250 x 3 x 40 (TF2, TF2/E, TF1/E)	
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, TF4/E, TF3, TF3 PI)	
Ø 520 x 4 x 50 (TUBOCUT5, TF5, TF5ECO)	
Ø 650 x 6 x 80 (TF6)	
*Smooth blades available upon request	



DIAMOND BLADE

DIAMOND BLADES

Diamond blades for special applications.

Available Ø: 200, 250, 275, 300, 350, 400, 520, 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 a single steel wire spiral with high strength synthetic textile plies.



PRT 1080

Code: **PRT1080**

CUTTING

HOSE PRICKING
EQUIPMENT



ANALOGUE INCH COUNTER

Code: **CONTAPOLLICI**

CUTTING

UNIVERSAL BALANCING
ARMS AND ROLLER GUIDES
(HOSES Ø 1/4"-1")



MAIN FEATURES



Manually operated



Suitable for all
cutting machines

**ANALOGUE
INCH COUNTER**



Precise measurement

**ANALOGUE
INCH COUNTER**



Adjustable height

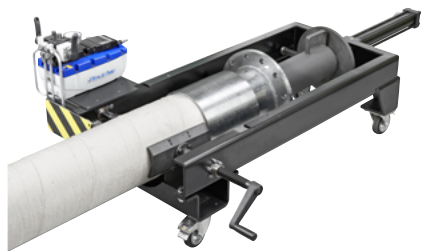
**ANALOGUE
INCH COUNTER**

TECHNICAL DATA	
	PRT 1080
DIMENSIONS LxWxH	6.6"x6.6"x18.7"
WEIGHT	24 Lbs
CAPACITY	Ø 0.3"-3.1"

TECHNICAL DATA	
	ANALOGUE INCH COUNTER
DIMENSIONS LxWxH	32"x20"x30.7"
WEIGHT	77 Lbs
CAPACITY	Ø Min. 1/4" - Ø Max. 1"
MEASURING TOLERANCE (UNI EN)	± 2%

INSERT 08 PSMCode: **INS08PSM**

FITTING ASSEMBLY

**INSERT 03/P**Code: **INS03PSM**

FITTING ASSEMBLY

**INSERT 02/P**Code: **INS02PSM**

FITTING ASSEMBLY

**MAIN FEATURES**

Pneumatic input



Precise preassembly



Pneumatic vice

INSERT 03/P

Semiautomatic cycle


INSERT 03/P

Manual cycle

INSERT 02/P**TECHNICAL DATA**

	INSERT 08 PSM	INSERT 03/P	INSERT 02/P
CAPACITY	8"	3"	2"
PUSH FORCE	8818 Lbs	-	-
PNEUMATIC INPUT	MAX 7 Bar (100 Psi)	MAX 7 Bar (100 Psi)	MAX 7 Bar (100 Psi)
WEIGHT	298 Lbs	518 Lbs	214 Lbs
DIMENSIONS LxWxH	44.2"x69.6"x24.5"	33.6"x37.4"x49.2"	25.7"x40.3"x50.5"
VOLTAGE	-	230V - 1 PH	-
FLANGE MAX. DIMENSION	16.7"	-	-

ACCESSORIES

		08 PSM	03/P	02/P
PEDAL		-	included	-
VICE LOCKING PRESSURE ADJUSTMENT		-	included	-
CYLINDER STROKE PRESSURE ADJUSTMENT		-	included	included
SELECTOR FOR CYLINDER STROKE ADJUSTMENT		-	included	-

SPF6

Code: SPELSPF6

SKIVING

SELF-CENTERING
PNEUMATIC VICE



SPF3

Code: SPELSPF3

SKIVING



SPF2

Code: SPELSPF2

SKIVING



MAIN FEATURES



Simultaneous skiving

SPF6
SPF3



Internal skiving

SPF3
SPF2



External skiving

SPF3
SPF2



Drawer for shavings



Ideal for
volume production

SPF6



Pneumatic vice



Safety device which prevents
from operating the machine
when the casing is open

SPF6



Preassembly

SPF6



Safety protections

TECHNICAL DATA			
	SPF6	SPF3	SPF2
EXTERNAL SKIVING	3"	2"	2"
INTERNAL SKIVING	3"	2"	2"
INSERT CAPACITY	3"	-	-
SIMULTANEOUS INT-EXT SKIVING	2"	-	-
REVOLUTIONS/MINUTE	300	200	300
PNEUMATIC INPUT	MAX 8 Bar (115 Psi)	MAX 7 Bar (100 Psi)	MAX 7 Bar (100 Psi) OPTIONAL
WORKING CYCLE	Semi-Automatic	Manual	-
WEIGHT	727 Lbs	319 Lbs	181 Lbs
DIMENSIONS LxWxH	41.3"x51.1"x43.3"	28.5"x31.8"x42.1"	25.5"x17.2"x42.7"
STANDARD VOLTAGE	Any 60HZ 3PH	Any 60HZ 3PH/1PH	Any 60HZ 3PH/1PH
MOTOR POWER	1.1 Kw (1.5 Hp)	0.75 Kw (1 Hp)	0.75 Kw (1 Hp)

ACCESSORIES				
		SPF6	SPF3	SPF2
ELECTRIC PEDAL (INCLUDED)				
TOOL HOLDER				

SPF6



SKIVING MANDREL

SPF6



SELF-CENTERING
PNEUMATIC VICE

SPF6



INSERT MANDREL

SPF3



SKIVING MANDREL

SPF2



SKIVING MANDREL

SPF2



PNEUMO-HYDRAULIC VICE
OPTIONAL

SPF2/MS

Code: **SPELSPF2MS**

SKIVING



SPF2/E

Code: **SPELSPF2/E**

SKIVING



SPF1

Code: **SPELSPF1**

SKIVING



MAIN FEATURES



Internal skiving



External skiving



Pneumatic vice



Safety protections



Drawer for shavings



Also available in 12V



Ideal for on-site service

SPF2/MS

SPF2/E
SPF2/MS

SPF2/E
SPF2/MS

SPF2/E

SPF2/E
SPF1

TECHNICAL DATA

	SPF2/MS	SPF2/E	SPF1
EXTERNAL SKIVING	2"	2"	2"
INTERNAL SKIVING	2"	2"	2"
REVOLUTIONS/MINUTE	300	300	-
PNEUMATIC INPUT	MAX 7 Bar (100 Psi) OPTIONAL	-	-
WEIGHT	172 Lbs	110 Lbs	15 Lbs
DIMENSIONS LxWxH	26.9"x19.6"x44"	26.5"x21"x17.2"	18.8"x9.4"x3.9"
STANDARD VOLTAGE	Any 60HZ 3PH/1PH	Any 60HZ 3PH/1PH	-
MOTOR POWER	0.75 Kw (1 Hp)	0.75 Kw (1 Hp)	-

ACCESSORIES

		SPF2/MS	SPF2/E	SPF1
ELECTRIC PEDAL (INCLUDED)		■	■	-
TOOL HOLDER		■	■	■
TOOL HOLDER STAND		■	-	-

SPF2/MS



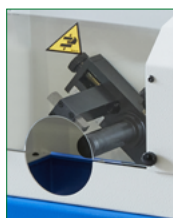
SINGLE MANDREL FOR
EACH DIAMETER SHARP
WITH DOUBLE KNIFE

SPF2/MS



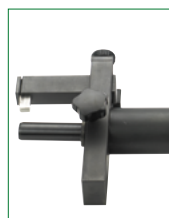
PNEUMO-HYDRAULIC VICE
OPTIONAL

SPF2/E



FIXED SKIVING MANDREL WITH ONE CUTTER ONLY, PROVIDED WITH A
MILLIMETRIC RULER TO SET THE SKIVING DISTANCE

SPF1



SPF2/E



DRAWER FOR SHAVINGS



MB20
Code: **MARK01**
MARKING



MB21
Code: **MARK02P**
MARKING



HP1
Code: **MARKHP1**
MARKING



HP1PN
Code: **MARKHP1PN**
MARKING



MAIN FEATURES



Manually operated

MB20
HP1



Pneumatic input

MB21
HP1PN



Strike device

MB20
MB21



Rolling device

HP1
HP1PN

TECHNICAL DATA				
	MB20	MB21	HP1	HP1PN
CAPACITY	2"	2"	2"	2"
WEIGHT	62 Lbs	133 Lbs	60 Lbs	110 Lbs
DIMENSIONS LxWxH	9"x12.2"x25.9"	8.6"x12.2"x25.9"	19.6"x9.8"x19.6"	28.3"x9.8"x20.4"
PNEUMATIC INPUT	-	MAX 7 Bar (100 Psi)	-	MAX 6 Bar (87 Psi)
N° OF CHARACTERS	15	15	16	16
CHARACTER HEIGHT	0.08"	0.08"	0.1"	0.1"

ACCESSORIES					
		MB20	MB21	HP1	HP1PN
1 LINE		■	■	included	included
2 LINES		■	■	■	■
PROGRESSIVE COUNTER		-	-	■	■
CHARACTERS BOX		H 2 mm	H 2 mm	H 3 mm	H 3 mm

LAVAMATIC 200

Code: LAV200

WASHING



SPEEDY CLEAN

Code: CARRLAV

WASHING



MAIN FEATURES



Suitable for the internal cleaning



Pneumatic input



Cleaning carried out by means of a spray gun




Equipped with wheels



Washing liquid: solvent

SPEEDY CLEAN

TECHNICAL DATA		
	LAVAMATIC 200	SPEEDY CLEAN
CAPACITY	2"	2"
PNEUMATIC INPUT	6 Bar (87 Psi)	6 Bar (87 Psi)
AIR CONSUMPTION	7 Lt./Min. (1.8 US gal/min.)	7 Lt./Min. (1.8 US gal/min.)
EXIT PRESSURE	60 Bar (870 Psi)	60 Bar (870 Psi)
TANK CAPACITY	60 Lt. (15 US gal)	35 Lt. (9 US gal)
WASHING LIQUID	SOLVENT	SOLVENT
WEIGHT WITHOUT LIQUID	518 Lbs	264 Lbs
DIMENSIONS LxWxH	78.7"x31.4"x47"	20.8"x40.9"x37.7"
CLEANING STANDARD	NAS 1638: 8 ISO 4406: 16/13	NAS 1638: 8 ISO 4406: 16/13

ACCESSORIES			
		LAVAMATIC 200	SPEEDY CLEAN
ADAPTER FOR HOSES UP TO 2" (INCLUDED)		■	■
HYDRAULIC POWER PACK WITH 30 LT (8 US GAL) TANK		-	included

SR8

Code: **SR0TSR8**

ACCESSORIES



SR6

Code: **SR0TSR6**

ACCESSORIES



SRB6

Code: **SR0TSRB6**

ACCESSORIES



MAIN FEATURES



Ideal to keep your workshop tidy



Easy loading/unloading of hose coils

SR8
SR6



Easy winding of hose reels

SRB6



Provided with mobile supports

SR8
SR6

TECHNICAL DATA

	SR8	SR6	SRB6
MAX LOADING	3792 Lbs	1450 Lbs	2650 Lbs
ONE ARM LOADING	473 Lbs	240 Lbs	352 Lbs
HOSE HOLDER Ø	39.3"	29.5"	-
WEIGHT	474 Lbs	198 Lbs	240 Lbs
MAX. VOLUME LxWxH	LxH 93.5"x85.6"	41.7"x41.7"x77.9"	62.9"x62.9"x90.5"

SRB6/1

Code: **SROTSRB6/1**

ACCESSORIES



HOSE CARRIER

Code: **PORTATUBO**

ACCESSORIES



HOSE CARRIER 2

Code: **PORTATUBO2**

ACCESSORIES



MAIN FEATURES



Ideal to keep your workshop tidy



Easy winding of hose reels

SRB6/1



Equipped with wheels

**PORTATUBO
PORTATUBO2**



Provided with mobile shelf with adjustable height

PORTATUBO2

TECHNICAL DATA

	SRB6/1	HOSE CARRIER - PORTATUBO	HOSE CARRIER 2 - PORTATUBO 2
MAX LOADING	2844 Lbs	1323 Lbs	1543 Lbs
ONE ARM LOADING	474 Lbs	330 Lbs	-
WEIGHT	377 Lbs	198 Lbs	209 Lbs
DIMENSIONS LxWxH	LxH 93.3"x79.1"	36.1"x51.1"x79.5"	59.1"x27.1"x56.7"

AV01

Code: SROTAV01

ACCESSORIES



AV01 EL

Code: SROTAV01EL

ACCESSORIES



MAIN FEATURES



Manually operated

AV01



Adjustable supports which adapt to the hose diameter



Electric feeding

AV01 EL

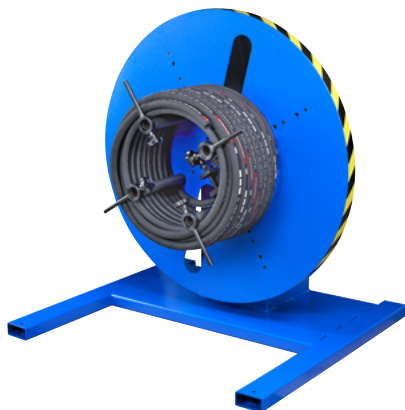
TECHNICAL DATA		
	AV01	AV01 EL
MAX LOADING	530 Lbs	573 Lbs
HOSE HOLDER Ø	39.3" - 59"	39.3" - 59"
STANDARD VOLTAGE	-	Any 60HZ 3PH
MOTOR POWER	-	0.67 - 0.36 Kw (0.9-0.5 Hp)
ROTATION SPEED (rpm)	-	7-14
WEIGHT	132 Lbs	198 Lbs
DIMENSIONS LxWxH	59"x59"x54.4"	59"x59"x54.4"

ACCESSORIES			
		AV01	AV01 EL
ROLLER CENTERING DEVICE		■	■
REEL CENTERING DEVICE		■	■
ADJUSTABLE HOSE LOCKER (INCLUDED)		■	■
REMOVABLE SPACERS (INCLUDED)		■	■
ELECTRIC PEDAL (INCLUDED)			■

AV01V

Code: SROTAV01V

ACCESSORIES



AV02 EL

Code: SROTAV02EL

ACCESSORIES



MAIN FEATURES



Manually operated

AV01V



Electric feeding


AV02 EL



Adjustable supports which adapt to the hose diameter

AV02 EL

TECHNICAL DATA		
	AV01V	AV02 EL
MAX LOADING	530 Lbs	1102 Lbs
HOSE	-	2" 1/2
HOSE HOLDER Ø	41.7"	77.1"
STANDARD 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	317 Lbs	1091 Lbs
DIMENSIONS LxWxH	43.3"x39.3"x45.4"	80.7"x80.7"x82.2"
OIL (NOT INCLUDED)	-	6 Lt. (1.5 US gal)

INCLUDED ACCESSORIES		
	AV01V	AV02 EL
MECHANICAL BRAKE WITH LOCKING HANDWHEEL	■	-
ADJUSTABLE HOSE LOCKER	■	■
MANUAL ROTATION OPTION DISCONNECTING THE MOTOR	-	■
LOWER SLIDING HOSE ROLLERS	-	■
COIL ANTI-DROP SYSTEM	-	■
MANUAL ADJUSTMENT OF THE COIL CENTERING PINS	-	■
ELECTRIC TILT REGULATION	-	■
OPTIONAL		
REEL CENTERING DEVICE		■



BC 4500 ES

Code: BC4500ES

TESTING

PNEUMO-HYDRAULIC PUMP



MAIN FEATURES



Burst tests



Touch-screen
electronic control



Internal lighting



Shock-proof
testing windows



Burst-proof
protections



Sliding manifold



Temperature
warning signal



Automatic door
opening



USB connection
configuration



PDF files printing

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° CONNECTIONS PER MANIFOLD	2 x M16 x 1.5 mm
LIQUID FILLING	Semi-automatic
FILLING FLOW	25 Lt./min. (6.5 US gal/min.)
PRESSURE PUMP FLOW	0.92 Lt/min (0.25 US gal/min.)
PRESSURE DISCHARGE	Automatic
DOOR ELECTRIC SAFETY DEVICE	Automatic
PRESSURE GAUGE	Digital
STANDARD CHAMBER DIMENSIONS	86.6"x35.4"
BENCH DIMENSIONS	97.2"x37.4"x51.1"
AIR CONSUMPTION	1500 Lt./min. (396 US gal/min.)
TANK	100 Lt. (26 US gal)
STANDARD VOLTAGE	Any 60HZ 3PH
WEIGHT WITHOUT OIL	1500 Lbs

INCLUDED ACCESSORIES

SUCTION FILTER

DELIVERY FILTER

SHELVES FOR TOOLS

PRESSURE PEAK MEMORY

LEVEL WARNING SIGNAL

OPTIONAL

3000 MM TESTING CHAMBER



ADAPTORS



PC CONNECTION



Product specifications could be modified without prior notice.

BC 1200-2000 ES and BC 1200-2000 WATER

Code: BC1200ES-BC2000ES-BC1200/WATER-BC2000/WATER

TESTING

PNEUMO-HYDRAULIC PUMP



WATER VERSION WITH CHAMBER AND COMPONENTS IN STAINLESS STEEL

MAIN FEATURES



Water tests



Touch-screen electronic control



Internal lighting



Shock-proof testing windows



Sliding manifold



Temperature warning signal



Automatic door opening



USB connection configuration



PDF files printing

BC 1200 ES WATER
BC 2000 ES WATER

TECHNICAL DATA

STATIC PRESSURE			1200-2000 Bar (17400-29000 Psi)
IMPULSE PRESSURE			1200-2000 Bar (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° CONNECTIONS PER MANIFOLD			15x1/4" BSP
LIQUID FILLING			Automatic
FILLING FLOW	Fluid version 25 Lt./min. (6.5 US gal/min.)	Water version 17 Lt./min. (4.5 US gal/min.)	
PRESSURE PUMP FLOW	BC 1200 1.55 lt./min. (0.4 US gal/min.)	BC 2000 0.66 lt./min. (0.2 US gal/min.)	
HOSE EMPTYING SYSTEM			Automatic
PRESSURE DISCHARGE			Automatic
PRESSURE DISPLAY			Digital
AUTOMATIC DOOR SAFETY DEVICE	Fluid version electric	Water version mechanical	
STANDARD CHAMBER DIMENSIONS			86.6"x35.4"
BENCH DIMENSIONS			106.2"x38.5"x66.9"
AIR CONSUMPTION			1500 Lt./min. (396 US gal/min.)
TANK			100 Lt. (26 US gal)
STANDARD VOLTAGE			Any 60HZ 3PH
WEIGHT WITHOUT OIL/WATER			2150 Lbs

INCLUDED ACCESSORIES

SUCTION FILTER

DELIVERY FILTER

INTERNAL OIL PROTECTING MESH

SHELVES FOR TOOLS

PRESSURE PEAK MEMORY

LEVEL WARNING SIGNAL

AIR-OIL PRESSURE MULTIPLIER

OPTIONAL

SAE CONNECTIONS



ADAPTORS



BURST-PROOF PROTECTION



3000 MM TESTING CHAMBER



WASHING DEVICE



PC CONNECTION





BC 1200/E ES

Code: BC1200EES

TESTING



WITH HYDRAULIC
MULTIPLIER

BC 1200/E

Code: BC1200E

TESTING



MAIN FEATURES



Touch-screen
electronic control
BC 1200/E ES



Not suitable
for burst test



Internal lighting
BC 1200/E ES



Shock-proof
testing windows
BC 1200/E ES



Sliding manifolds
BC 1200/E ES



USB connection
configuration
BC 1200/E ES



PDF files printing
BC 1200/E ES



Manually operated
BC 1200/E

TECHNICAL DATA		
	BC1200/E ES	BC1200/E
STATIC PRESSURE	1200 Bar (17400 Psi)	1200 Bar (17400 Psi)
IMPULSE PRESSURE	1200 Bar (17400 Psi)	1200 Bar (17400 Psi)
MIN. STARTING PRESSURE	100 Bar (1450 Psi)	100 Bar (1450 Psi)
PRESSURE CONTROL	Automatic	Manual
TEST	Automatic	Manual
TYPE OF DRIVE	Hydraulic intensifier	Hydraulic intensifier
TESTING LIQUID	Fluid	Fluid
N° MANIFOLDS	2	2
N° CONNECTIONS PER MANIFOLD	N°06 Special Quick Connection N°2 1/4" BSP	N°01 Special Quick Connection N°2 1/4" BSP
LIQUID FILLING	Automatic	Manual
FILLING FLOW	17 Lt./min. (4.5 US gal/min.)	17 Lt./min. (4.5 US gal/min.)
PRESSURE DISCHARGE	Automatic	Manual
PRESSURE GAUGE	-	Analogic
DOOR MECHANICAL SAFETY DEVICE	Automatic	Automatic
DOOR ELECTRIC SAFETY DEVICE	Automatic	Automatic
STANDARD CHAMBER DIMENSIONS	78.7"x32.6"	78.7"x32.6"
BENCH DIMENSIONS	98.4"x37.5"x47.2"	98.4"x34.4"x47.2"
TANK	110 Lt. (29 US gal)	110 Lt. (29 US gal)
STANDARD VOLTAGE	Any 60HZ 3PH	Any 60HZ 3PH
WEIGHT WITHOUT OIL	1323 Lbs	1014 Lbs
FIXED VOLUME MULTIPLIER	OIL VOLUME 0.32 Lt. (0.08 US gal)	OIL VOLUME 0.32 Lt. (0.08 US gal)

INCLUDED ACCESSORIES			
SUCTION FILTER			
DELIVERY FILTER			
INTERNAL OIL PROTECTING MESH (BC 1200/E ES)			
SHELVES FOR TOOLS (BC 1200/E ES)			
MANUAL DOOR OPENING (BC 1200/E ES)			
OPTIONAL			
		BC1200/E ES	BC1200/E
PC CONNECTION		■	-
ADAPTORS: 3/8" - 1/2" - 3/4" - 1" - 1 1/4" - 1 1/2" - 2"		■	■
PRESSURE REPORT KIT		-	■



ADAPTORS



ADAPTORS WITH
QUICK COUPLING BC 1200/E ES



ADAPTORS WITH
QUICK COUPLING BC 1200/E

Product specifications could be modified without prior notice.

BC 800/W - ES

Code: BC800/WES

TESTING

WITH PNEUMO-HYDRAULIC MULTIPLIER;
IDEAL FOR PALLETISED HOSE COILS



MAIN FEATURES



Touch-screen
electronic control



Internal lighting



Shock-proof
testing windows



Temperature warning signal



USB connection
configuration



PDF files printing

TECHNICAL DATA	
STATIC PRESSURE	800 Bar (11600 Psi)
IMPULSE PRESSURE	800 Bar (11600 Psi)
MIN. STARTING PRESSURE	30 Bar (435 Psi)
PRESSURE CONTROL	Automatic
TEST	Semi-automatic
TYPE OF DRIVE	Pneumatic Intensifier
TESTING LIQUID	Fluid
N° MANIFOLDS	2
N° CONNECTIONS PER MANIFOLD	1 x 1/2" BSP
SAE MANIFOLD CONNECTIONS	1 x 2" 6000 PSI
LIQUID FILLING	Semi-automatic
FILLING FLOW	25 Lt./min. (6.5 US gal/min.)
PRESSURE PUMP FLOW	10.5 Lt./min. (3 US gal/min.)
HOSE EMPTING SYSTEM	Semi-automatic
PRESSURE DISCHARGE	Automatic
MECHANICAL SAFETY DEVICE	Automatic
ELECTRIC SAFETY DEVICE	Automatic
STANDARD CHAMBER DIMENSIONS	74.8"x59"x28.3"
BENCH DIMENSIONS	103.1"x70"x60.2"
TANK	250 Lt. (66 US gal)
WEIGHT WITHOUT OIL	2127 Lbs
STANDARD VOLTAGE	Any 60HZ 3PH

INCLUDED ACCESSORIES	
SUCTION FILTER	
DELIVERY FILTER	
INTERNAL OIL PROTECTING MESH	
PRESSURE PEAK MEMORY	
LEVEL WARNING SIGNAL	
OPTIONAL	
ADAPTORS	
PC CONNECTION	

CHAMBER AND COMPONENTS ALSO AVAILABLE IN STAINLESS
STEEL FOR WATER TESTS



BC 1500 E/WATER

Code: BC1500E/WATER

TESTING

PROVIDED WITH ONE Ø 1/4" GAS
QUICK COUPLING AND
PNEUMO-HYDRAULIC PUMP



MAIN FEATURES



Manually operated



Shock-proof
testing windows



Water tests

TECHNICAL DATA

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. (0.4 US gal/min.)
PRESSURE PUMP FLOW	1.55 Lt/Min. (0.4 US gal/min.)
PRESSURE DISCHARGE	Manual
STANDARD CHAMBER DIMENSIONS	78.7"x33.3"
BENCH DIMENSIONS	92.5"x39.3"x46"
WEIGHT WITHOUT WATER	423 Lbs
PRESSURE GAUGE	Analogic

INCLUDED ACCESSORIES

DELIVERY FILTER

OPTIONAL

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

PRESSURE REPORT KIT

CHAMBER AND COMPONENTS MADE IN STAINLESS STEEL

BC 1200 ECO and BC 1200 ECO WATER

Code: BC1200ECO - BC1200ECO/WATER

TESTING

PROVIDED WITH ONE Ø 1/4" GAS
QUICK COUPLING AND
PNEUMO-HYDRAULIC PUMP



WATER VERSION WITH CHAMBER
AND COMPONENTS IN STAINLESS STEEL

MAIN FEATURES



Manually operated



Not suitable
for burst test



Shock-proof
testing windows



Water tests

BC 1200ECO/WATER

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° CONNECTIONS PER MANIFOLD	Special Quick Connection
LIQUID FILLING	Manual
PRESSURE PUMP FLOW	0.3 Lt./min. (0.08 US gal/min)
PRESSURE DISCHARGE	Manual
STANDARD CHAMBER DIMENSIONS	47.2"x21.6"x9.8"
BENCH DIMENSIONS	59"x23.6"x47.2"
TANK	30 Lt. (8 US gal)
WEIGHT WITHOUT OIL (BC 1200 ECO)	364 Lbs
WEIGHT WITHOUT WATER (BC 1200 ECO WATER)	286 Lbs
PRESSURE GAUGE	Analogic

INCLUDED ACCESSORIES
SUCTION FILTER
DELIVERY FILTER
INTERNAL OIL PROTECTING MESH
ADAPTOR WITH QUICK COUPLING 1/4"
OPTIONAL
ADAPTOR: 3/8" - 1/2" - 3/4" - 1" - 1 1/4" - 1 1/2" - 2"
PRESSURE REPORT KIT



ADAPTORS



ADAPTOR WITH QUICK COUPLING

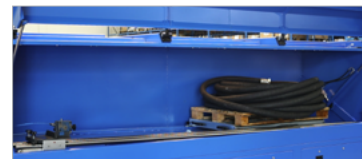


BC 1200 ES/F

Code: BC1200ES/F

TESTING

PROVIDED WITH QUICK COUPLINGS
AND A HIGH NUMBER OF NIPPLE
THREADS AND HOLES FOR SAE FLANGES



PLATFORM FOR TESTING HOSE COILS ON PALLET



FLEXIBLE CONFIGURATION OF THE MOBILE MANIFOLD

MAIN FEATURES



Touch-screen
electronic control



Internal lighting



Shock-proof
testing windows



Sliding manifolds



Temperature warning signal



Automatic door opening



USB connection
configuration



PDF files printing

TECHNICAL DATA

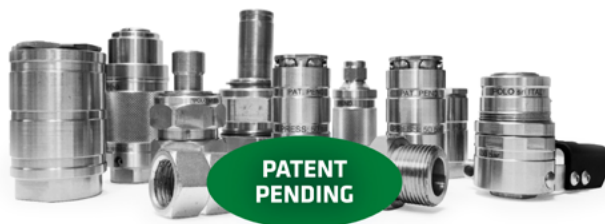
STATIC PRESSURE	1200 bar (17400 Psi)
IMPULSE PRESSURE	1200 bar (17400 Psi)
MIN. STARTING PRESSURE	30 Bar (435 Psi)
PRESSURE CONTROL	Automatic
TEST	Automatic
TYPE OF DRIVE	Pneumatic Intensifier
TESTING LIQUID	Fluid
N° MANIFOLDS	2
N° CONNECTIONS PER MANIFOLD	1
LIQUID FILLING	Automatic
FILLING FLOW	25 Lt./min. (6.5 US gal/min)
PRESSURE PUMP FLOW	1.55 Lt./min. (0.4 US gal/min)
HOSE EMPTYING SYSTEM	Automatic
PRESSURE DISCHARGE	Automatic
DOOR ELECTRIC SAFETY DEVICE	Automatic
PRESSURE DISPLAY	Digital
STANDARD CHAMBER DIMENSIONS	157.4"x50.7"x35"
BENCH DIMENSIONS	161.4"x55.1"x80.7"
AIR CONSUMPTION	1500 Lt./min. (396 US gal/min)
TANK	150 Lt. (39 US gal)
STANDARD VOLTAGE	Any 60HZ 3PH
WEIGHT WITHOUT OIL	3589 Lbs

INCLUDED ACCESSORIES

SUCTION FILTER	
DELIVERY FILTER	
INTERNAL OIL PROTECTING MESH	
SHELVES FOR TOOLS	
PRESSURE PEAK MEMORY	
LEVEL WARNING SIGNAL	
OPTIONAL	
PRESSURE CONTROL	
ADAPTORS	
WASHING DEVICE	
PC CONNECTION	

Product specifications could be modified without prior notice.

POLO quick connectors



POLO patent pending quick connectors are perfect for the functional testing of circuits and components that end with an internal or external thread, shaped elements, collar, flange or smooth pipe. They guarantee maximum reliability, security and convenience for the operator as well as relevant time reduction in testing. Polo connectors undergo specific testing procedures and, on demand, can be accompanied by reports issued by accredited laboratories. The connectors are completely customizable and can be provided in nonstandard measures on specific customer request.



www.op-mobile.it



O+P's **Mobile Hose Workshop** is a fully equipped container for the hose assembly. This innovative solution finds its perfect application in building sites, the construction industry and all those situations requiring an assistance centre always close at hand.

This mobile unit is complete with:

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



All the equipment supplied with our Mobile Hose Workshop can be customized according to our customers' requests.

Product specifications could be modified without prior notice.



ENJOY THE **DIFFERENCE**

Rigid Tube Assembly Equipment

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

O+P's wide range of products includes 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 90° or 37° flaring of the steel tube are 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 both the system and the operators.

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 and mobile assistance centre operations; they have a wide range of tools capable of machining carbon steel and stainless steel tubes ranging between Ø 1/4" and 1" 1/2, with a maximum thickness of 0.15".

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 1.9".

Last but not least, after cutting, deburring operations to remove metallic burrs which could find their way into the system damaging pumps, valves, seals and other components are extremely important to grant the efficiency and durability of the system. Our **DEBURRING MACHINES** ensure proper removal of burrs leaving the tube edges clean and smooth.

Lastly, O+P also offers **MULTI-FUNCTIONAL AND MOBILE UNITS**, namely CENTER MAXI, CENTER JUNIOR AND MINI CENTER, which allow to carry out all operations required to process rigid tubes using only one machine, resulting in considerable time and costs savings.



CENTER MAXI

Code: CENTERMAXI

MULTIFUNCTIONAL UNITS



CENTER JUNIOR

Code: CENJUUSFL

MULTIFUNCTIONAL UNITS



MINI CENTER

Code: CENECO

MULTIFUNCTIONAL UNITS



MAIN FEATURES



Bending



37° flaring



Deburring



DIN2353 rings
preassembly



Cutting



Electronic control



Ideal for volume
production



Equipped
with wheels



Equipped with
compressor for the
internal cleaning



Safety protections

CENTER MAXI
CENTER JUNIOR

CENTER MAXI

CENTER MAXI

CENTER JUNIOR

TECHNICAL DATA

	CENTER MAXI	CENTER JUNIOR	MINI CENTER
24° PREASSEMBLY	6 → 42x4 mm on upper level	6 → 42x4 mm	6 → 42x4 mm
37° FLARING	1/4"→1"1/2 x 0.15" on upper level	1/4"→1"1/2 x 0.15"	1/4"→1"1/2 x 0.15"
BENDING Ø (GENERAL TUBE)	■ 1/4"→1"1/2	■ 1/4"→1"1/2 x 0.15"	1/4"→1"1/2 x 0.15"
BENDING Ø (AISI 316 TI)	1" 1/4 x 0.15" 1" 1/2 x 0.12"	-	-
BENDING Ø (ST 37.4)	1" 1/4 x 0.20" 1" 1/2 x 0.12"	-	-
MAX BENDING ANGLE	180°	-	-
90° BENDING TIME	6 Sec.	-	-
CUTTING (OD)	MAX Ø 4.9"	MAX Ø 3.9"	-
INT/EXT DEBURRING	6 - 42 mm (1/4"→1"1/2)	6 - 42 mm (1/4"→1"1/2)	6 - 42 mm (1/4"→1"1/2)
MATERIALS	AISI 316 TI - ST 37.4	AISI 316 TI - ST 37.4	AISI 316 TI - ST 37.4
ELECTRONIC CONTROL	Touch Screen	-	-
DIMENSIONS LxWxH	55.1"x31.4"x59"	59.6"x39.3"x47.6"	28.3"x36.2"x50.9"
WEIGHT WITHOUT OIL	882 Lbs	672 Lbs	454 Lbs
STANDARD VOLTAGE	Any 60HZ 3PH	Any 60HZ 1PH	Any 60HZ 1PH
MOTOR POWER	MAX 4.5 Kw (6 Hp)	MAX 4.6 Kw (6.2 Hp)	MAX 1.7 Kw (2.3 Hp)
COMPRESSED AIR	-	220 Lt./Min. (58 US gal/Min.)	-
OIL	15 Lt. (4 US gal) not included	5 Lt. (1 US gal) not included	3 Lt. (0.8 US gal) included

OPTIONAL

		C. M.	C. J.	M. C.
PEDAL FOR C50 ES		■	-	-
PEDAL FOR USFL 24/37 ES		■	-	-
TOOL HOLDER		included	■	■

EQUIPMENT SUITABLE TO PROCESS RIGID TUBES
IN STAINLESS (AISI 316 TI) AND CARBON (ST 37.4) STEEL

Product specifications could be modified without prior notice.

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

C50 ES

Code: CURVC50ES

BENDING



C50 EL

Code: CURVC50EL

BENDING



QUICK TOOLS
CHANGE SYSTEM WITHOUT
ANY ADDITIONAL SETTINGS

C22 EL

Code: CURVC22EL

BENDING



MAIN FEATURES



Electronic control

C50 ES



Ideal for volume production



Electro-mechanical control

C50 EL
C22 EL



Graduated protractor for
bending angle adjustment

C50 EL
C22 EL



Warning LED to signal anomalies
and settings adjustments

C50 EL
C22 EL

TECHNICAL DATA			
	C50 ES	C50 EL	C22 EL
BENDING Ø (GENERAL TUBE)	■ 1/4"→1"1/2"	■ 1/4"→1"1/2"	1/4"→7/8"
BENDING Ø (AISI 316 TI)	1" 1/4 x 0.15" 1" 1/2 x 0.12"	1" 1/4 x 0.15" 1" 1/2 x 0.12"	1/4"→7/8" x 0.08"
BENDING Ø (ST 37.4)	1" 1/4 x 0.20" 1" 1/2 x 0.12"	1" 1/4 x 0.20" 1" 1/2 x 0.12"	1/4" → 7/8" x 0.12"
MAX BENDING ANGLE	180°	180°	180°
90° BENDING TIME	6 Sec.	6 Sec.	5 Sec.
DIMENSIONS LxWxH	24.4"x29.1"x37.4"	29"x17.9"x37"	28.3"x17"x36.2"
WEIGHT	385 Lbs	364 Lbs	231 Lbs
STANDARD VOLTAGE	Any 60HZ 3PH/1PH	Any 60HZ 3PH/1PH	Any 60HZ 3PH/1PH
MOTOR POWER	1.5 Kw (2 Hp)	1.5 Kw (2 Hp)	0.55Kw (0.75Hp)

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

OPTIONAL				
		C50 ES	C50 EL	C22 EL
PEDAL		■	■	■
TUBE DRIVING SYSTEM		■	-	-

**EQUIPMENT SUITABLE TO PROCESS RIGID TUBES
IN STAINLESS (AISI 316 TI) AND CARBON (ST 37.4) STEEL**



C50 ES
TUBE DRIVING SYSTEM

Product specifications could be modified without prior notice.



C42

Code: CURVC42

BENDING



CMS42

Code: CURCMS42

BENDING

MOUNTED ON
TOOL-HOLDER CABINET

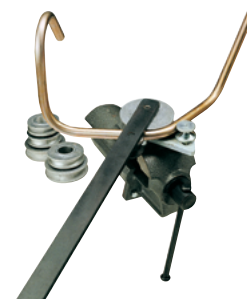


M18

Code: CURVM18

BENDING

SUITABLE TO BE FIXED
TO ANY VICE



MAIN FEATURES



Ideal for volume production

C42



Electric limit switch

C42



Double effect manual pump

CMS42



Equipped with wheels

C42



Manually operated

CMS42
M18

TECHNICAL DATA			
	C42	CMS42	M18
BENDING	1/4" → 1" 1/2 x 0.15"	1/4" → 1" 1/2 x 0.15"	1/4" → 5/8"
MATERIALS	AISI 316 TI - ST 37.4	AISI 316 TI - ST 37.4	AISI 316 TI - ST 37.4
DIMENSIONS LxWxH	26.7"x34.6"x35.8"	16.5"x30.7"x38.5"	28.3"x5.1"x4.9"
WEIGHT WITHOUT OIL	225 Lbs	90 Lbs	22 Lbs
OIL	5 Lt. (1 US gal) not included	included	-
STANDARD VOLTAGE	Any 60HZ 3PH/1PH	-	-
MOTOR POWER	1.1 Kw (1.5 Hp)	-	-

INCLUDED ACCESSORIES				
		C42	CMS42	M18
MECHANICAL LIMIT SWITCH		-	■	-
BENDING TOOLS AND TOOL HOLDER		-	-	■
VICE FIXING PIN		-	-	■

EQUIPMENT SUITABLE TO PROCESS RIGID TUBES
IN STAINLESS (AISI 316 TI) AND CARBON (ST 37.4) STEEL

MAX THICKNESS	
C42	
4 mm	Ø 38
3 mm	Ø 42

Ø	M18							
	6	8	10	12	14	15	16	18
MEDIUM BENDING RADIUS	33.5	33.5	36	36	36	43.5	43.5	51

BENDING TOOLS

STANDARD BENDING TOOLS

C42 - CMS42 - 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

GAS BENDING TOOLS

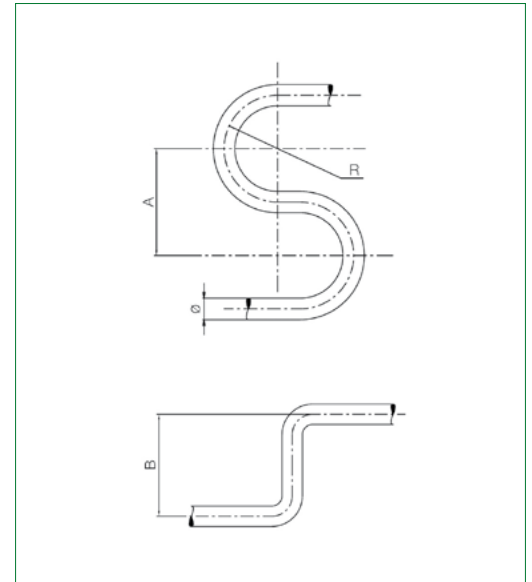
C42 - CMS42 - CENTER JUNIOR - MINICENTER

Ø	1/8"G	1/4"G	3/8"G	1/2"G	5/8"G	3/4"G	1"G	1"1/4G
MEDIUM BENDING RADIUS	1.08"	1.81"	1.88"	2.6"	2.6"	3.18"	4.94"	4.96"
MAX BENDING ANGLE	170°	170°	170°	160°	160°	160°	120°	120°
A	2.76"	4.33"	4.33"	5.51"	5.51"	7.09"	9.84"	9.84"
B	4.53"	7.09"	7.09"	9.45"	9.45"	11.81"	17.32"	17.32"

WHITWORTH BENDING TOOLS

C42 - CMS42 - CENTER JUNIOR - MINICENTER

Ø	1/4"W	3/8"W	1/2"W	5/8"W	3/4"W	1"W	1"1/4W	1"1/2W
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°

GAS BENDING TOOLS

C50 - C22 - CENTER MAXI

Ø	1/2"G	3/4"G	1"G	1"1/4G
MEDIUM BENDING RADIUS	1.97"	2.55"	3.54"	4.52"
MAX BENDING ANGLE	180°	180°	180°	180°

WHITWORTH 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"1/4W	1"1/2W
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°

UNISPEED USFL 90/37 ES

Code: UNISUSFL9037ES

FLARING

POSSIBILITY TO RECALL
PREVIOUSLY SET RECIPES



UNISPEED USFL 90/37 ECO

Code: UNISUSFL9037ECO

FLARING



UNISPEED USFL 90/37 EL 6/90

Code: UNISUSFL9037EL690

FLARING

UP TO 90 MM OD



MAIN FEATURES



Touch-screen
electronic control

USFL 90/37 ES



Possibility to obtain
any flaring diameter
and thickness

USFL 90/37 ES
USFL 90/37 ECO



Ideal for
volume production

USFL 90/37 ES



Automated tools
lubrication system by
means of a dedicated unit

USFL 90/37 ES
USFL 90/37 EL 6/90



Electro-mechanical
control

USFL 90/37 EL 6/90



37° flaring



90° flaring



Equipped with wheels



Front tool-holder
compartment

USFL 90/37 ES

TECHNICAL DATA			
	USFL 90/37 ES	USFL 90/37 ECO	USFL 90/37 EL 6/90
90° FLARING	1/4" → 1" 1/4 x 0.20"	1/4" → 1" 1/4 x 0.20"	1/4" → 3" 1/2 x 0.20"
37° FLARING	1/4" → 1" 1/2 x 0.15"	1/4" → 1" 1/2 x 0.15"	1/4" → 3" 1/2 x 0.20"
MATERIALS	AISI 316 TI - ST 37.4	AISI 316 TI - ST 37.4	AISI 316 TI - ST 37.4
WEIGHT WITHOUT OIL	1422 Lbs	809 Lbs	1887 Lbs
OIL (NOT INCLUDED)	50 Lt. (13 US gal)	3 Lt. (0.8 US gal)	44 Lt. (11 US gal)
DIMENSIONS LxWxH	38.3"x50.1"x46.2"	29.9"x32.6"x47.6"	35.3"x51.4"x51.4"
STANDARD VOLTAGE	Any 60HZ 3PH	Any 60HZ 3PH	Any 60HZ 3PH
MOTOR POWER	Max 5.3 Kw (7.11 Hp)	Max 2.38 Kw (3.25 Hp)	6.3 Kw (8.5 Hp)
PNEUMATIC INPUT (LUBRICATING SYSTEM COMPRESSOR)	5 Bar (72 Psi)	-	5 Bar (72 Psi)

90° FLARING TOOLS:
available for ORFS Parker upon request

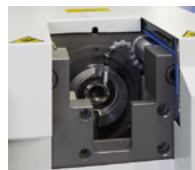
37° FLARING TOOLS:
they are supplied according to UNI ISO 8434-2
and DIN 3949 regulations

OPTIONAL

		ES	ECO	6/90
PEDAL		<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



EQUIPMENT SUITABLE TO PROCESS RIGID TUBES
IN STAINLESS (AISI 316 TI) AND CARBON (ST 37.4) STEEL



UNISPEED USFL 90/37 ES
SAFETY LIGHT CURTAINS

THESE MACHINES, WHICH REQUIRE ONLY ONE TOOL CHANGE TO
CARRY OUT THE FLARING OPERATIONS, USE 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.

Product specifications could be modified without prior notice.

UNISPEED USFL 90/37 ES 6/28

Code: UNISFL9037ES628

FLARING

POSSIBILITY TO RECALL
PREVIOUSLY SET RECIPES



UNISPEED USFL 90/37 EL 6/28

Code: UNISFL9037EL628

FLARING



MAIN FEATURES



Touch-screen
electronic control

USFL 90/37 ES 6/28



Possibility to obtain
any flaring diameter
and thickness

USFL 90/37 ES 6/28



Ideal for
volume production



Automated tools
lubrication system by
means of a dedicated unit

USFL 90/37 EL 6/28



Electro-mechanical
control



37° flaring



90° flaring



Equipped with wheels



Front tool-holder
compartment



Ideal for the
automotive industry

TECHNICAL DATA		
	90/37 ES 6/28	90/37 EL 6/28
90° FLARING	1/4" → 1" x 0.1" depending on the kind of material	1/4" → 1" x 0.1" depending on the kind of material
37° FLARING	1/4" → 1" x 0.1" depending on the kind of material	1/4" → 1" x 0.1" depending on the kind of material
WEIGHT	1089 Lbs	1084 Lbs
DIMENSIONS LxWxH	27.9"x37.2"x56.3"	30"x35.2"x56.3"
STANDARD VOLTAGE	Any 60HZ 3PH	Any 60HZ 3PH
MOTOR POWER	3.25 Kw (4.35 Hp)	3.25 Kw (4.35 Hp)
PNEUMATIC INPUT (LUBRICATING SYSTEM COMPRESSOR)	5 Bar (72 Psi)	5 Bar (72 Psi)

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



UNISPEED USFL 90/37 EL 6/28
CONTROL PANEL



UNISPEED USFL 90/37 EL 6/28
RIGHT SIDE OPENING



EQUIPMENT SUITABLE TO PROCESS RIGID TUBES
IN STAINLESS (AISI 316 TI) AND CARBON (ST 37.4) STEEL

THESE MACHINES, WHICH REQUIRE ONLY ONE TOOL CHANGE TO CARRY OUT THE FLARING OPERATIONS, USE 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 INNOVATIVE CLAMPING SYSTEM ENABLES TO PROCESS STRAIGHT AND OF REDUCED DIMENSIONS RIGID TUBES, SO THESE MACHINES ARE THE IDEAL SOLUTION FOR TUBES WITH BENDS UP TO 180° WITH A TIGHT RADIUS, SUCH AS SHAPED RIGID TUBES, STEEL AND HOSE COMBINED CONNECTIONS, ETC.

Product specifications could be modified without prior notice.

UNISPEED USFL 24/37 ES

Code: UNISUSFL2437ES

FLARING & PREASSEMBLY



UNISPEED USFL 24/37 ES 6/18

Code: UNISFL2437ES618

FLARING & PREASSEMBLY



UNISPEED USFL/01 ES

Code: UNISUSFLES

FLARING & PREASSEMBLY



MAIN FEATURES



DIN2353 rings preassembly



37° flaring



Touch-screen
electronic control



Ideal for volume production



Equipped with wheels



Automatic tools
identification system



Front tool-holder
compartment

USFL01/ES

TECHNICAL DATA

	USFL 24/37 ES	USFL 24/37 ES 6/18	USFL/01 ES
24° PREASSEMBLY	6→42x4 mm	6→18x2 mm	6→42x4 mm
37° FLARING	1/4" → 1" 1/2 x 0.15"	1/4" → 5/8" x 0.08"	1/4" → 1" 1/2 x 0.15"
MATERIALS	AISI 316 TI - ST 37.4	AISI 316 TI - ST 37.4	AISI 316 TI - ST 37.4
WEIGHT WITHOUT OIL	330 Lbs	254 Lbs	364 Lbs
DIMENSIONS LxWxH	23"x23.6"x45.2"	20.8"x23.8"x42.3"	27.2"x22.8"x43.7"
STANDARD VOLTAGE	Any 60HZ 3PH	Any 60HZ 3PH	Any 60HZ 3PH
MOTOR POWER	1.5 Kw (2 Hp)	0.75 Kw (1 Hp)	1.8 Kw (2.5 Hp)
OIL (NOT INCLUDED)	15 Lt. (4 US gal)	13 Lt. (3.5 US gal)	20 Lt. (5 US gal)

OPTIONAL

		24/37 ES	24/37 ES 6/18	01 ES
ELECTRIC PEDAL		■	■	■
37° FLARING BLOCK		■	■	■
37° FLARING BLOCK		■	■	■
TOOL HOLDER (6→42)		■	■	■
TOOL HOLDER (6→18)		■	■	■

USFL 24/37 ES
EQUIPPED WITH A DOUBLE WORKING LEVEL:
UPPER LEVEL FOR BENDS UP TO 180°,
LOWER LEVEL FOR STANDARD TUBES

USFL 24/37 ES 6/18
SUITABLE FOR TUBES WITH EXTREME BENDS
UP TO 180° (SHAPED RIGID TUBES,
STEEL AND HOSE COMBINED CONNECTIONS)

USFL/01 ES
AUTOMATIC TOOL IDENTIFICATION SYSTEM
AND AUTOMATED PRESSURE SETTING,
POSSIBILITY TO MANUALLY STORE RECIPES AND RECALL
THEM AUTOMATICALLY, THANKS TO AUTOMATIC
TOOLS IDENTIFICATION

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

**EQUIPMENT SUITABLE TO PROCESS RIGID TUBES
IN STAINLESS (AISI 316 TI) AND CARBON (ST 37.4) STEEL**

Product specifications could be modified without prior notice.

UNISPEED USFL/01

Code: UNISUSFL

FLARING & PREASSEMBLY



UNISPEED USFL/01 MAN

Code: USFLMAN

FLARING & PREASSEMBLY



UNISPEED USFL 015 MAN

Code: USFL015MAN

PREASSEMBLY



MAIN FEATURES



DIN2353 rings preassembly



37° flaring with the addition of
a dedicated steel flaring block

USFL/01
USFLMAN



Also available in 12V

USFL/01



Manual pressure adjustment

USFL/01



Ideal for on-site service



Manually operated

USFLMAN
USFL015MAN

TECHNICAL DATA

	USFL/01	USFL/01 MAN	USFL 015 MAN
24° PREASSEMBLY	6→42x4 mm	6→42x4 mm	6S - 15L
37° FLARING	1/4 → 1" 1/2 x 0.15"	1/4 → 1" 1/2 x 0.15"	-
MATERIALS	AISI 316 TI - ST 37.4	AISI 316 TI - ST 37.4	AISI 316 TI - ST 37.4
WEIGHT	132 Lbs	84 Lbs	26 Lbs
DIMENSIONS LxWxH	17.7"x24.8"x10.6"	13.7"x15.7"x10.6"	11.2"x4.1"x4.1"
STANDARD VOLTAGE	Any 60HZ 3PH/1PH	-	-
MOTOR POWER	0.75 Kw (1 Hp)	-	-
LEVER LENGTH	-	-	31.4"

OPTIONAL

		01	01 MAN	015 MAN
37° FLARING BLOCK		■	■	-
TOOL HOLDER (6→42)		■	■	-

EQUIPMENT SUITABLE TO PROCESS RIGID TUBES
IN STAINLESS (AISI 316 TI) AND CARBON (ST 37.4) STEEL

USFL/01 AND USFLMAN: 37° FLARING TOOLS SUPPLIED ACCORDING TO UNI ISO 8434-2 AND DIN 3949 REGULATIONS

MANUAL PREASSEMBLING TOOL

Manual preassembling tool (6→42 mm)



TEMPLATE FOR PREASSEMBLING TOOL CONTROL

Template for preassembling tool control (6→42 mm)



Product specifications could be modified without prior notice.

S02
Code: **SBAVS02**

DEBURRING



S01
Code: **SBAVOP2**

DEBURRING



MAIN FEATURES



Internal deburring





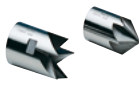
External deburring



Equipped with wheels

S02

TECHNICAL DATA		
	S02	S01
INTERNAL DEBURRING	20x2 → 75 mm 0.7"x0.08" → 2.9"	6 → 42 mm 0.2" → 1.6"
EXTERNAL DEBURRING	22 → 75 mm 0.8" → 2.9"	6 → 42 mm 0.2" → 1.6"
MATERIALS	AISI 316 TI - ST 37.4	AISI 316 TI - ST 37.4
WEIGHT	140 Lbs	66 Lbs
STANDARD VOLTAGE	Any 60HZ 3PH/1PH	Any 60HZ 3PH/1PH
MOTOR POWER	0.37 Kw (0.5 Hp)	0.18 Kw (0.25 Hp)
DIMENSIONS LxWxH	14.5"x21.6"x42.5"	15.9"x18.5"x10.6"
REVOLUTIONS/MINUTE	75	50

OPTIONAL			
		S02	S01
INT./EXT. DEBURRING TOOL 6-42 mm			included
INT./EXT. DEBURRING TOOL 20-75 mm		included	-

**EQUIPMENT SUITABLE TO PROCESS RIGID TUBES
IN STAINLESS (AISI 316 TI) AND CARBON (ST 37.4) STEEL**



All OP machines conform to the following standards:

• **MACHINE DIRECTIVE (2006/42/EC)**

Reference standards:

UNI EN ISO 12100-1

UNI EN ISO 13850

Safety of the machine

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



FEDERTEC

Italian federation of components and mechatronic technologies for fluid power, power transmission, smart control and automation of industrial products and processes.



CONFINDUSTRIA

Main Organization Representing Italian Manufacturing and Services Companies



NAHAD

The Association for Hose and Accessories Distribution



NAHAD HOSE SAFETY INSTITUTE

Institute committed to Hose Assembly Safety, Quality and Reliability

CONTACTS

General and Sales

info@opusainc.com

Service

service@opusainc.com

Logistics

shipping@opusainc.com

Management

giacobone.grazia@op-srl.it



HEADQUARTER

OP Srl

Via del Serpente, 97 - 25131 Brescia - Italia

OUR BRANCHES

OP USA Inc

6 Ledge Rock Way, Unit 4, Acton, MA, 01720 - USA

info@opusainc.com

www.opusainc.com

OP (Shanghai) Hydraulic Tubing Processing Equipment Co., Ltd.

Lane 3500 Xiupu Rd, Building A, Pudong, Shanghai PRC - 201315

sales@op-china.com

www.op-china.com

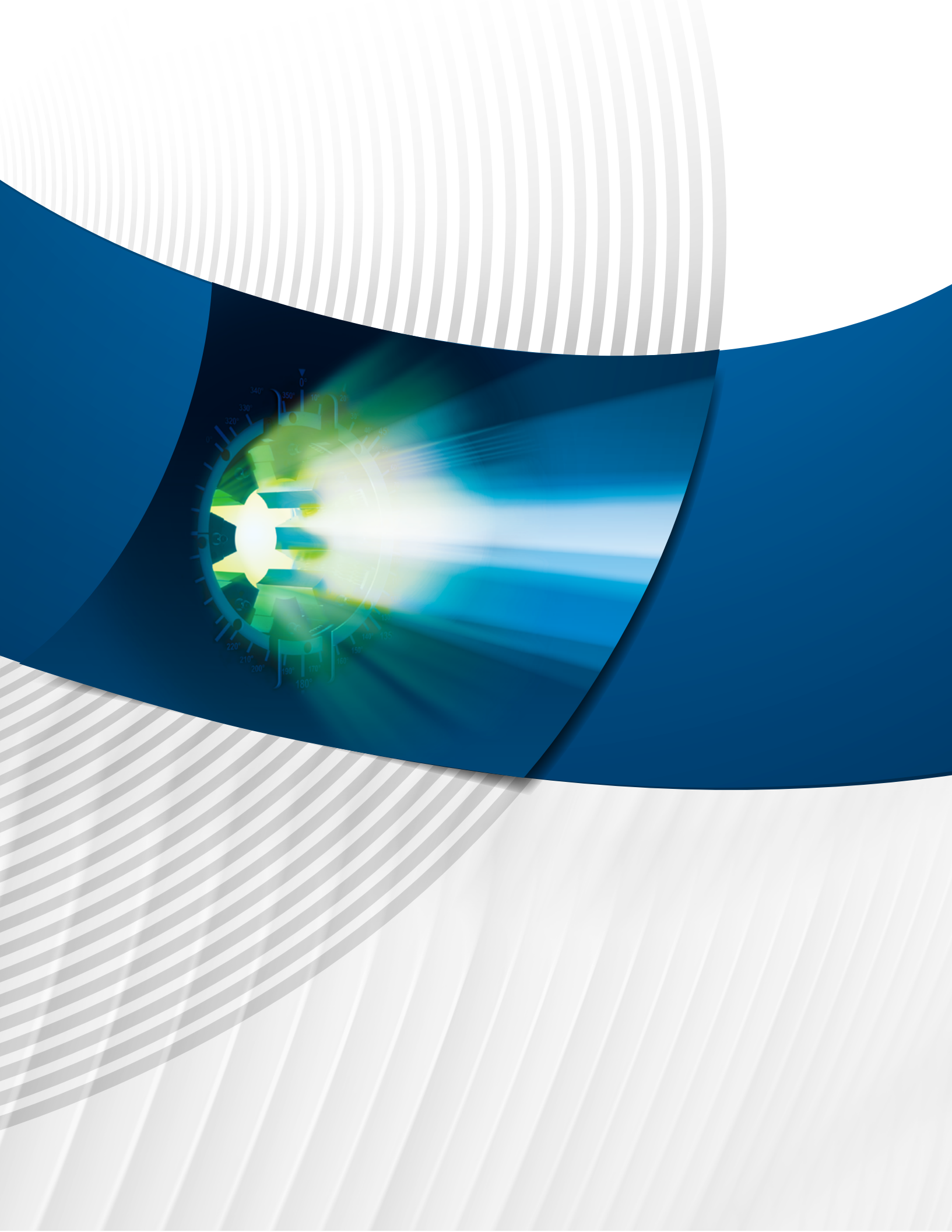
OP India Private Limited

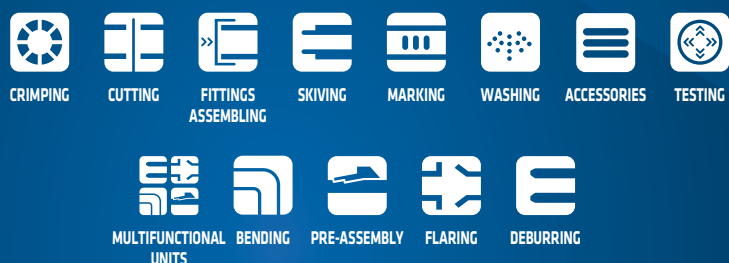
411, DLF Tower B, Jasola District Centre, New Delhi - 110076 - India

sales@op-india.com

www.op-india.com

NOTES





stopflex
FOR PRESSURE HOSES

mobile **hose**
WORKSHOP

HYDROPOWER
TESTING EQUIPMENT



OP Usa Inc. - 6 Ledge Rock Way, Unit 4 - Acton, MA, 01720 - USA - info@opusainc.com - www.opusainc.com



OP Srl - Headquarters

Via del Serpente, 97 - 25131 - Brescia - Italy
Phone +39 030 35 80 401 - Fax +39 030 35 80 838
info@op-srl.it - www.op-srl.it



**OP (Shanghai) Hydraulic Tubing
Processing Equipment Co., Ltd**

Lane 3500 Xiupu Rd, Building A, Pudong,
Shanghai PRC - 201315
sales@op-china.com - www.op-china.com



OP India Private Limited

411, DLF Tower B, Jasola District Centre, New
Delhi - 110076 - India
sales@op-india.com - www.op-india.com