

Crimping

in

COMPAK1 - Portable swaging machine 63 Tons

- COMPAK1M** *Standard version equipped with hand pump*
- COMPAK1P** *Standard version equipped with air-hydraulic pump*
- COMPAK1M-MODULAR** *Modular version equipped with disconnectable head and hand pump*
- COMPAK1P-MODULAR** *Modular version equipped with disconnectable head and air-hydraulic pump*

Description

Swaging machine with hose capacity up to 1/2" (2 wire). Lightweight, compact and easy to use, it is characterized by an exclusive design and it is suitable to carry out repairs on site.

The machine is factory-fitted with a not-interchangeable master die set, thus making it the perfect choice for specific and routine usage.



COMPAK1M



COMPAK1M-MODULAR



COMPAK1P



COMPAK1P-MODULAR

Product features and specifications

CRIMPING RANGE* [mm/inch]	10/0.39			
MAX CRIMPING FORCE [kN/ton]	630/63			
HOSE CAPACITY [inch]	See die chart			
MAX OPENING ** [mm]	+34			
MAX WORK OPENING *** [mm]	+34			
CALIBRATION	dial micrometer			
OPERATION	twin speed hand pump with integrated relief valve/ air-hydraulic pump [690 bar/10.00 psi]			
	COMPAK1M	COMPAK1P	COMPAK1M-MODULAR	COMPAK1P-MODULAR
NET WEIGHT [kg]	23	25	20	22
GROSS WEIGHT [kg]	29	31	26	28
DIMENSIONS LxWxH [mm]	316x409x207		138x285x219	

* Any 10mm range between 5 mm and 35 mm available on request.

** The maximum opening of the machine is the result of the sum of this value and the nominal size number of used master die set.

***The maximum working diameter is the result of the sum of this value and the nominal size number of used master die set.

Die Chart

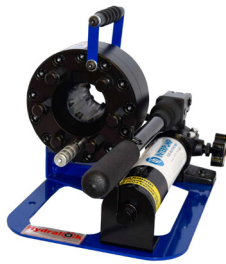
COMPAK1M	COMPAK1P	COMPAK1M-MODULAR	COMPAK1P-MODULAR	Die code**	Swaging range [mm/inch]	L [mm]
COMPAK1M 5-15	COMPAK1P 5-15	COMPAK1M-MODULAR 5-15	COMPAK1P-MODULAR 5-15	DA10131	5 – 15/0.19 – 0.59	37
COMPAK1M 6.5-16.5	COMPAK1P 6.5-16.5	COMPAK1M-MODULAR 6.5-16.5	COMPAK1P-MODULAR 6.5-16.5	DA10173	6.5 – 16.5/0.25 – 0.65	37
COMPAK1M 7-17	COMPAK1P 7-17	COMPAK1M-MODULAR 7-17	COMPAK1P-MODULAR 7-17	SD10027	7 – 17/0.27 – 0.66	37
COMPAK1M 9-19	COMPAK1P 9-19	COMPAK1M-MODULAR 9-19	COMPAK1P-MODULAR 9-19	DA10257	9 – 19/0.35 – 0.74	37
COMPAK1M 11.3-21.3	COMPAK1P 11.3-21.3	COMPAK1M-MODULAR 11.3-21.3	COMPAK1P-MODULAR 11.3-21.3	DA10207	11.3 – 21.3/0.44 – 0.83	37
COMPAK1M 12-22	COMPAK1P 12-22	COMPAK1M-MODULAR 12-22	COMPAK1P-MODULAR 12-22	SD10026	12 – 22/0.47 – 0.86	37
COMPAK1M 13.5-24	COMPAK1P 13.5-24	COMPAK1M-MODULAR 13.5-24	COMPAK1P-MODULAR 13.5-24	SD10039	13.5 – 24/0.53 – 0.94	37
COMPAK1M 15-25	COMPAK1P 15-25	COMPAK1M-MODULAR 15-25	COMPAK1P-MODULAR 15-25	DA10263	15 – 25/0.59 – 0.98	37
COMPAK1M 16-26	COMPAK1P 16-26	COMPAK1M-MODULAR 16-26	COMPAK1P-MODULAR 16-26	DA10175	16 – 26/0.63 – 1.02	37
COMPAK1M 17-27	COMPAK1P 17-27	COMPAK1M-MODULAR 17-27	COMPAK1P-MODULAR 17-27	HM30005	17 – 27/0.66 – 1.06	37
COMPAK1M 20-30	COMPAK1P 20-30	COMPAK1M-MODULAR 20-30	COMPAK1P-MODULAR 20-30	DA10158	20 – 30/0.78 – 1.18	37
COMPAK1M 25-35	COMPAK1P 25-35	COMPAK1M-MODULAR 25-35	COMPAK1P-MODULAR 25-35	DA10153	25 – 35/0.98 – 1.37	37

H19MM - Portable swaging machine 90 tons

H19MM-M-1	Standard version equipped with manual pump
H19MM-P-1	Standard version equipped with air-hydraulic pump
H19MM-MODULAR-M-1	Modular version equipped with disconnectable head and hand pump
H19MM-MODULAR-P-1	Modular version equipped with disconnectable head and air-hydraulic pump

Description

Swaging machine with hose capacity up to 3/4" (2 wire). Lightweight, compact and easy to use, and it is ideal to carry out repairs on site.



H19MM-M-1



H19MM-P-1



H19MM-MODULAR-M-1



H19MM-MODULAR-P-1

Product features and specifications

CRIMPING RANGE* [mm/inch]	6-34/0.24-1.34			
MAX CRIMPING FORCE [kN/ton]	900/90			
HOSE CAPACITY [inch]	3/16"-3/4" R1AT/1SN/R2AT/2SN (2 wire) – Straight fittings 3/16"-1/2" R1AT/1SN/R2AT/2SN (2 wire) – 90° fittings			
MAX OPENING ** [mm]	+13			
MAX WORK OPENING *** [mm]	+12			
CALIBRATION	Dial micrometer			
OPERATION	Twin speed hand pump with integrated relief valve/ air- hydraulic pump [690 bar/10.000 psi]			
	H19MM-M-1	H19MM-P-1	H19MM-MODULAR-M-1	H19MM-MODULAR-P-1
NET WEIGHT	20	22	18	20
GROSS WEIGHT [kg]	26	28	24	26
DIMENSIONS LxWxH [mm]	265x523x210		165x280x210	

* With standard die sets. For specific applications, special die sets are available on request.

** The maximum opening of the machine is the result of the sum of this value and the nominal size number of used master die set.

*** The maximum working diameter is the result of the sum of this value and the nominal size number of used master die set.

Die sets- S series

Part Number	Standard	Crimping range [mm]	L [mm]	Ferrule Ømax [mm]
S06		6.0 - 7.9	40	18
S08		8.0 - 9.9	40	20
S10		10.0 - 12.9	40	22
S13		13.0 - 15.9	40	25
S14		14.0 - 15.9	40	26
S16	X	16.0 - 18.9	40	28
S19	X	19.0 - 21.9	40	31
S22	X	22.0 - 25.9	50	34
S26	X	26.0 - 27.9	50	38
S28	X	28.0 - 33.9	50	40

SPECIAL DIE SETS FOR AIR CONDITIONING APPLICATIONS

Part Number	Ø Standard size [mm]	Ø Reduced size [mm]
DA10193R6	-	6
DA10193N6R8	6	8
DA10193N8R10	8	10
DA10193N10R12	10	12
DA10193N12R14	12	14

SPECIAL DIE SET FOR BRAKE HOSE APPLICATIONS

Part Number	Ø [mm]	L [mm]
DA103125B02	10.5	40

OPTIONAL

QC-01



H25MINI - Portable swaging machine 100 tons

H25MINI-M-1

Standard version equipped with manual pump and drawer

H25MINI-P-1

Standard version equipped with air-hydraulic pump and drawer

H25MINI-MODULAR-M-1

Modular version equipped with disconnectable head and hand pump

H25MINI-MODULAR-P-1

Modular version equipped with disconnectable head and air-hydraulic pump

Description

Swaging machine with hose capacity up to 1" (4 wire) ****. The standard version is equipped with a sliding drawer to store dies. Lightweight, compact and easy to use, and it is ideal to carry out repairs on site. Available in four different configurations.



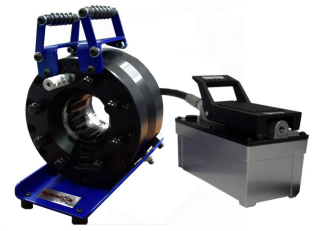
H25MINI-M-1



H25MINI-P-1



H25MINI-MODULAR-M-1



H25MINI-MODULAR-P-1

Product features and specifications

CRIMPING RANGE * [mm/inch]	6-46/0.24-1.81			
MAX CRIMPING FORCE [kN/ton]	1000/100			
HOSE CAPACITY [inch]	3/16"-1" R1AT/1SN/R2AT/2SN (2 wire) – Straight fittings 3/16"-1" R9R/4SP (4 wire) **** – Straight fittings 3/16"-1" 90° fittings, double curve fittings (removing a die set segment)			
MAX OPENING** [mm]	+24			
MAX WORK OPENING *** [mm]	+12			
CALIBRATION	Dial micrometer			
OPERATION	Twin speed hand pump with integrated relief valve/ air- hydraulic pump [690 bar/10.000 psi]			
	H25MINI-M-1	H25MINI-P-1	H25MINI-MODULAR-M-1	H25MINI-MODULAR-P-1
NET WEIGHT [kg]	38	40	36	40
GROSS WEIGHT [kg]	48	50	46	50
DIMENSIONS LxWxH [mm]	364x524x312		287x231x 274	

* With standard die sets. For specific applications, special die sets are available on request.

**The maximum opening of the machine is the result of the sum of this value and the nominal size number of used die set.

*** The maximum working diameter is the result of the sum of this value and the nominal size number of used die set.

**** Flexible hoses 1" (4 wire) can only be crimp with a special die sets A40-65

Die sets – A series

Part Number	Standard	Crimping range [mm]	L [mm]	Ferrule Max Ø [mm]
A06		6.0 - 7.9	40	18
A08		8.0 - 9.9	40	20
A10		10.0 - 12.9	40	22
A13		13.0 - 15.9	40	25
A14		14.0 - 15.9	40	26
A16	X	16.0 - 21.9	40	28

Part Number	Standard	Crimping range [mm]	L [mm]	Ferrule Max Ø [mm]
A19		19.0 - 21.9	40	31
A22	X	22.0 - 25.9	50	34
A28	X	28.0 - 33.9	50	40
A34	X	34.0 - 39.9	60	46
A40	X	40.0 - 45.9	60	52
A40-65		40.0 - 45.9	65	52

OPTIONAL

QC-01



H25MM - Manually operated swaging machine 140 tons

H25MM-M-1 Standard version equipped with manual pump

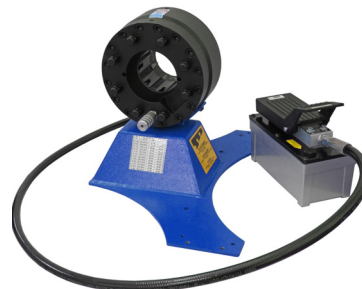
H25MM-P-1 Standard version equipped with air-hydraulic pump

Description

Swaging machine with hose capacity up to 1 1/4" (2 wire)*. Ideal for applications where a greater crimping force is required, it is suitable for use on vans and in small workshops. Available in two different configurations.



H25MM-M-1



H25MM-P-1

Product features and specifications

CRIMPING RANGE* [mm/inch]	6-58/0.24-2.28	
MAX CRIMPING FORCE [kN/ton]	1400/140	
HOSE CAPACITY [inch]	3/16"-1 1/4" R1AT/1SN/R2AT/2SN (2 wire) 3/16"-1" R9R/4SP (4 wire)	
MAX OPENING** [mm]	+31	
MAX WORK OPENING *** [mm]	+12	
CALIBRATION	Dial micrometer	
OPERATION	Twin speed hand pump with integrated relief valve/ air- hydraulic pump [690 bar/10.000psi]	
	H25MM-M-1	H25MM-P-1
NET WEIGHT [kg]	60	62
GROSS WEIGHT [kg]	70	72
DIMENSIONS LxWxH [mm]	394x788x360	

* With standard die sets. For specific applications, special die sets are available on request.

** The maximum opening of the machine is the result of the sum of this value and the nominal size number of used master die set.

*** The maximum working diameter is the result of the sum of this value and the nominal size number of used master die set.

Die sets – H series

Part Number	Standard	Crimping range [mm]	L [mm]	Ferrule Max Ø [mm]
H06		6.0 - 7.9	40	18
H08		8.0 - 9.9	40	20
H10		10.0 - 12.9	40	22
H13		13.0 - 15.9	40	25
H14		14.0 - 15.9	40	26
H16	X	16.0 - 21.9	40	28
H19		19.0 - 21.9	40	31
H22	X	22.0 - 27.9	50	34

Part Number	Standard	Crimping range [mm]	L [mm]	Ferrule Max Ø [mm]
H26		26.0 - 29.9	50	38
H28	X	28.0 - 33.9	60	40
H30 ****		30.0 - 33.9	60	42
H30-70		30.0 - 33.9	70	42
H34	X	34.0 - 39.9	70	46
H40	X	40.0 - 45.9	70	52
H46		46.0 - 51.9	75	58
H52		52.0 - 57.9	75	64

**** Phase-out.

OPTIONAL

QC-02



H32MM - Manually operated swaging machine 175 tons

H32MM-M-1 Standard version equipped with manual pump

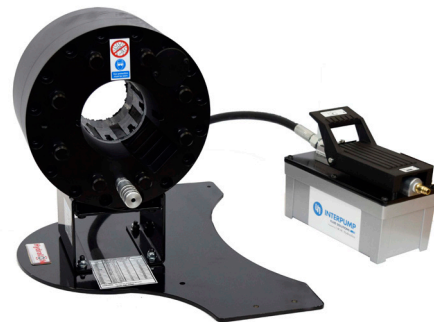
H32MM-P-1 Standard version equipped with air-hydraulic pump

Description

Swaging machine with hose capacity up to 1 1/4" (4 wire). Ideal for applications where a greater crimping force is required. H32MM is the model within manually operated swaging machine range with greater capacity. Available in two different configurations.



H32MM-M-1



H32MM-P-1

Product features and specifications

CRIMPING RANGE* [mm/inch]	6-58/0.24-2.28	
MAX CRIMPING FORCE [kN/ton]	1750/175	
HOSE CAPACITY [inch]	3/16"-1 1/2" R1AT/1SN/R2AT/2SN (2 wire) 3/16"-1 1/4" R9R/4SP (4 wire)	
MAX OPENING** [mm]	+31	
MAX WORK OPENING*** [mm]	+12	
CALIBRATION	Dial micrometer	
OPERATION	Twin speed hand pump with integrated relief valve/ air- hydraulic pump [690 bar/10.000 psi]	
	H32MM-M-1	H32MM-P-1
NET WEIGHT [kg]	75	77
GROSS WEIGHT [kg]	85	87
DIMENSIONS LxWxH [mm]	413x809x383	

* With standard die sets. For specific applications, special die sets are available on request.

** The maximum opening of the machine is the result of the sum of this value and the nominal size number of used master die set.

*** The maximum working diameter is the result of the sum of this value and the nominal size number of used master die set.

Die sets – H series

Part Number	Standard	Crimping range [mm]	L [mm]	Ferrule Max Ø [mm]
H06		6.0 - 7.9	40	18
H08		8.0 - 9.9	40	20
H10		10.0 - 12.9	40	22
H13		13.0 - 15.9	40	25
H14		14.0 - 15.9	40	26
H16	x	16.0 - 21.9	40	28
H19		19.0 - 21.9	40	31
H22	x	22.0 - 25.9	50	34

Part Number	Standard	Crimping range [mm]	L [mm]	Ferrule Max Ø [mm]
H26		26.0 - 29.9	50	38
H28	.	28.0 - 33.9	60	40
H30 ****		30.0 - 33.9	60	42
H30-70		30.0 - 33.9	70	42
H34	.	34.0 - 39.9	70	46
H40	.	40.0 - 45.9	70	52
H46	.	46.0 - 51.9	75	58
H52	.	52.0 - 57.9	75	64

****Phase-out

OPTIONAL

QC-02



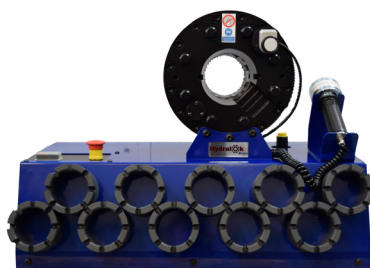
H32ECOSLIM - Electrically operated swaging machine 175 tons

H32ECOSLIM-QC-1 380V 3PH 50 Hz version

H32ECOSLIM-QC-1PH-1 220V 1PH 50 Hz version

Description

Swaging machine with hose capacity up to 1 1/4" (4 wire). The machine is already equipped with a rack with ten die pots, a basic control panels and an integrated electric quick-change tool. Available in two different configurations.



H32ECOSLIM-QC-1

Product features and specifications

CRIMPING RANGE* [mm/inch]	6-58/0.24-2.28
MAX CRIMPING FORCE [kN/ton]	1750/175
HOSE CAPACITY [inch]	3/16"-1 1/2" R1AT/15N/R2AT/25N (2 wire) 3/16"-1 1/4" R9R/4SP (4 wire)
MAX OPENING** [mm]	+31
MAX WORK OPENING *** [mm]	+12
CALIBRATION	Dial calibrator
MOTOR [kW]	2.2
NET WEIGHT [kg]	124
GROSS WEIGHT [kg]	134
DIMENSIONS LxWxH [mm]	700x364x520

* With standard die sets. For specific applications, special die sets are available on request.

** The maximum opening of the machine is the result of the sum of this value and the nominal size number of used master die set.

*** The maximum working diameter is the result of the sum of this value and the nominal size number of used master die set.

Die sets – H series

Part Number	Standard	Crimping range [mm]	L [mm]	Ferrule Max Ø (mm)
H06		6.0 - 7.9	40	18
H08		8.0 - 9.9	40	20
H10		10.0 - 12.9	40	22
H13		13.0 - 15.9	40	25
H14		14.0 - 15.9	40	26
H16	x	16.0 - 21.9	40	28
H19		19.0 - 21.9	40	31
H22	x	22.0 - 27.9	50	34
H26		26.0 - 29.9	50	38
H28	x	28.0 - 33.9	60	40
H30 ****		30.0 - 33.9	60	42
H30-70		30.0 - 33.9	70	42
H34	x	34.0 - 39.9	70	46
H40	x	40.0 - 45.9	70	52
H46		46.0 - 51.9	75	58
H52		52.0 - 57.9	75	64

OPTIONAL

QC-02



H32 - Electrically operated head swaging machine 175 tons

H32MOBILE-12VDC-1/H32MOBILE-24VDC-1

Mobile version 12VDC/24VDC

H32ECO-1/H32ECO-1PH-1

Eco std version 380V 3PH 50Hz/220V 1PH 50Hz

H32ECO-C-1/H32ECO-C-1PH-1

Eco-C version 380V 3PH 50Hz/220V 1PH 50Hz

H32ECOPL-1/H32ECOPL-1PH-1

Eco Premium Line version 380V 3PH 50Hz/220V 1PH 50Hz

H32HYDRA-1/H32HYDRA-1PH-1

Hydratouch std version 380V 3PH 50Hz/220V 1PH 50Hz

H32HYDRAPL-1/H32HYDRAPL-1PH-1

Hydratouch Premium Line version 380V 3PH 50Hz/220V 1PH 50Hz



H32MOBILE-12VDC-1
H32MOBILE-24VDC-1



H32ECO-1
H32ECO-1PH-1



H32HYDRAPL-1
H32HYDRAPL-1PH-1

Description

Swaging machine with hose capacity up to 11/4" (4 wire). Available in six different standard configurations as shown above.

Product features and specifications

CRIMPING RANGE* [mm/inch]	6-58/0.24-2.28					
MAX CRIMPING FORCE [kN/ton]	1750/175					
CAPACITY [inch]	3/16"-1 1/2" R1AT/1SN/R2AT/2SN (2 wire) 3/16"-1 1/4" R9R/4SP (4 wire)					
MAX OPENING** [mm]	+31					
MAX WORK OPENING*** [mm]	+12					
	H32MOBILE-12VDC-1 H32MOBILE-24VDC-1	H32ECO-1 H32ECO-1PH-1	H32ECO-C-1 H32ECO-C-1PH-1	H32ECOPL-1 H32ECOPL-1PH-1	H32HYDRA-1 H32HYDRA-1PH-1	H32HYDRAPL-1 H32HYDRAPL-1PH-1
CALIBRATION	Dial calibrator				Touchscreen	
MOTOR [kW]	1.8	2.2				
NET WEIGHT [kg]	91	124				
GROSS WEIGHT [kg]	101	134				
DIMENSIONS LxWxH [mm]	530x470x475	750x453x630				
RACK WITHOUT QUICK CHANGE SYSTEM	/	H32RACK 1 rack 8 die pots				
DRAWER/RACK WITH QUICK CHANGE SYSTEM	H32QCD001	H32QC		H32QC-PL	H32QC	H32QC-PL
QUICK CHANGE TOOL	QCT32-12	QCT32-24				
FOOT PEDAL	/	/	Integrated	Integrated	Optional	Integrated
VIDEO CAMERA	/	/	/	/	123-130	123-130

* With standard die sets. For specific applications, special die sets are available on request.
 ** The maximum opening of the machine is the result of the sum of this value and the nominal size number of used master die set
 *** The maximum working diameter is the result of the sum of this value and the nominal size number of used master die set.

OPTIONAL

Drawer

Rack

Foot pedal

Quick change tool

Camera

Mirror

QC-02


Die sets – H series

Part Number	Standard	Crimping range [mm]	L [mm]	Ferrule Max Ø (mm)
H06		6.0 - 7.9	40	18
H08		8.0 - 9.9	40	20
H10		10.0 - 12.9	40	22
H13		13.0 - 15.9	40	25
H14		14.0 - 15.9	40	26
H16	x	16.0 - 21.9	40	28
H19	x	19.0 - 21.9	40	31
H22	x	22.0 - 25.9	50	34
H26	x	26.0 - 29.9	50	38
H28		28.0 - 33.9	60	40
H30 ****		30.0 - 33.9	60	42
H30-70	X	30.0 - 33.9	70	42
H34	x	34.0 - 39.9	70	46
H40	x	40.0 - 45.9	70	52
H46	x	46.0 - 51.9	75	58
H52		52.0 - 57.9	75	64

**** Phase-out

H50 - Electrically operated swaging machine 250 tons

H50MOBILE-12VDC-1/H50MOBILE-24VDC-1

Mobile version 12VDC/24VDC

H50ECO-1/H50ECO-1PH-1

Eco std version 380V 3PH 50Hz/220V 1PH 50Hz

H50ECO-C-1/H50ECO-C-1PH-1

Eco-C version 380V 3PH 50Hz/220V 1PH 50Hz

H50ECOPL-1/H50ECOPL-1PH-1

Eco Premium Line version 380V 3PH 50Hz/220V 1PH 50Hz

H50HYDRA-1/H50HYDRA-1PH-1

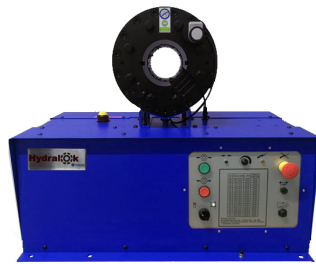
Hydratouch std version 380V 3PH 50Hz/220V 1PH 50Hz

H50HYDRAPL-1/H50HYDRAPL-1PH-1

Hydratouch Premium Line version 380V 3PH 50Hz/220V 1PH 50Hz



H50MOBILE-12VDC-1
H50MOBILE-24VDC-1



H50ECO-1
H50ECO-1PH-1



H50ECOPL-1
H50ECOPL-1PH-1

Description

Swaging machine with hose capacity up to 2" (4 wire). Available in six different standard configurations as shown above.

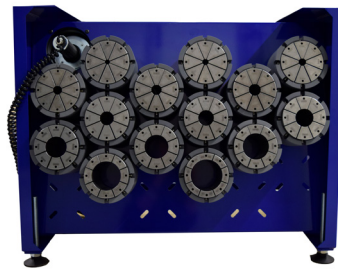
Product features and specifications

CRIMPING RANGE* [mm/inch]	6-76/0.24-2.99					
MAX CRIMPING FORCE [kN/ton]	2509/250					
CAPACITY [inch]	3/16"-2" R9R/4SP (4 wire)					
MAX OPENING** [mm]	+35					
MAX WORK OPENING*** [mm]	+12					
	H50MOBILE-12VDC-1 H50MOBILE-24VDC-1	H50ECO-1 H50ECO-1PH-1	H50ECO-C-1 H50ECO-C-PH-1	H50ECOPL-1 H50ECOPL-1PH-1	H50HYDRA-1 H50HYDRA-1PH-1	H50HYDRAPL-1 H50HYDRAPL-1PH-1
CALIBRATION	Dial calibrator				Touchscreen	
MOTOR [kW]	1.8					2.2
NET WEIGHT [kg]	111					159
GROSS WEIGHT [kg]	121					169
DIMENSIONS LxWxH [mm]	530x470x525			750x453x680		
RACK WITHOUT QUICK CHANGE SYSTEM	/			H50RACK 1 rack 12 die pots		
DRAWER/RACK WITH QUICK CHANGE SYSTEM	H50QCD001	H50QC		H50QC-PL	H50QC	H50QC-PL
QUICK CHANGE TOOL	QCT50-12		QTC50-24			
FOOT PEDAL	/	/	Integrated	Integrated	123-026	Integrated
VIDEO CAMERA	/	/	/	/	123-130	123-130

* With standard die sets. For specific applications, special die sets are available on request.
 ** The maximum opening of the machine is the result of the sum of this value and the nominal size number of used die set.
 *** The maximum working diameter is the result of the sum of this value and the nominal size number of used die set.

OPTIONAL

Drawer

Rack

Foot pedal

Quick change tool

Camera

Mirror

QC-02


Die sets – L series

Part Number	Standard	Crimping range [mm]	L [mm]	Ferrule Max Ø (mm)
L06		6.0 - 7.9	40	18
L08		8.0 - 9.9	40	20
L10		10.0 - 12.9	40	22
L13		13.0 - 15.9	40	25
L14		14.0 - 15.9	40	26
L16	x	16.0 - 18.9	40	28
L19	x	19.0 - 21.9	40	31
L22	x	22.0 - 25.9	50	34
L26	x	26.0 - 29.9	50	38
L30	x	30.0 - 33.9	60	42
L34	x	34.0 - 39.9	70	46
L40	x	40.0 - 45.9	70	52
L46	x	46.0 - 51.9	80	58
L52	x	52.0 - 57.9	80	64
L58	x	58.0 - 63.9	80	70
L64	x	64.0 - 69.9	80	76
L70	x	70.0 - 76.0	95	82

H50-46 - Electrically operated swaging machine 319 tons

H50-46MOBILE-12VDC-1/H50-46MOBILE-24VDC-1	<i>Mobile version 12VDC/24VDC</i>
H50-46ECO-1/H50-46ECO-1PH-1	<i>Eco std version 380V 3PH 50Hz/220V 1PH 50Hz</i>
H50-46ECO-C-1/H50-46ECO-C-1PH-1	<i>Eco-C version 380V 3PH 50Hz/220V 1PH 50Hz</i>
H50-46ECOPL-1/H50-46ECOPL-1PH-1	<i>Eco Premium Line version 380V 3PH 50Hz/220V 1PH 50Hz</i>
H50-46HYDRA-1/H50-46HYDRA-1PH-1	<i>Hydratouch std version 380V 3PH 50Hz/220V 1PH 50Hz</i>
H50-46HYDRAPL-1/H50-46HYDRAPL-1PH-1	<i>Hydratouch Premium Line version 380V 3PH 50Hz/220V 1PH 50Hz</i>



H50-46MOBILE-12VDC-1
H50-46MOBILE-24VDC-1



H50-46ECO-1
H50-46ECO-1PH-1



H50-46HYDRAPL-1
H50-46HYDRAPL-1PH-1

Description

Swaging machine with hose capacity up to 1 1/2" (6 wire). Available in six different standard configurations as shown above.

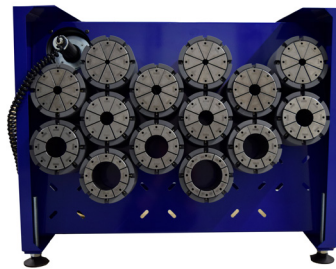
Product features and specifications

CRIMPING RANGE* [mm/inch]	6-76/0.24-2.99					
MAX CRIMPING FORCE [kN/ton]	3195/319					
CAPACITY [inch]	3/16"-2" R9R/4SP (4 wire) 3/16"-1 1/2" R13/4SH (6 wire)					
MAX OPENING** [mm]	+25					
MAX WORK OPENING*** [mm]	+12					
	H50-46MOBILE-12VDC-1 H50-46MOBILE-24VDC-1	H50-46ECO-1 H50-46ECO-1PH-1	H50E-46ECO-C-1 H50E-46ECO-C-1PH-1	H50-46ECOPL-1 H50-46ECOPL-1PH-1	H50-46HYDRA-1 H50-46HYDRA-1PH-1	H50-46HYDRAPL-1 H50-46HYDRAPL-1PH-1
CALIBRATION	Dial calibrator				Touchscreen	
MOTOR [kW]	1.8					2.2
NET WEIGHT [kg]	146					194
GROSS WEIGHT [kg]	156					204
DIMENSIONS LxWxH [mm]	530x470x560					750x453x716
DRAWER/RACK WITHOUT QUICK CHANGE SYSTEM	/					H50-46RACK 1 rack 18 die pots
DRAWER/RACK WITH QUICK CHANGE SYSTEM	H50-46QCD001	H50-46QC		H50-46QC-PL	H50-46QC	H50-46QC-PL
QUICK CHANGE TOOL	QCT46-12					QTC50-46QC
FOOT PEDAL	/	/	Integrated	Integrated	123-026	Integrated
VIDEO CAMERA	/	/	/	/	123-130	123-130

* With standard die sets. For specific applications, special die sets are available on request.
 ** The maximum opening of the machine is the result of the sum of this value and the nominal size number of used master die set.
 *** The maximum working diameter is the result of the sum of this value and the nominal size number of used master die set.

OPTIONAL

Drawer

Rack

Foot pedal

Quick change tool

Camera

Mirror

QC-02


Die sets – M series

Part Number	Standard	Crimping range [mm]	L [mm]	Ferrule Max Ø [mm]
M06		6.0 - 7.9	40	18
M08		8.0 - 9.9	40	20
M10		10.0 - 12.9	40	22
M13		13.0 - 15.9	40	25
M14-50		14.0 - 15.9	50	26
M16	x	16.0 - 18.9	40	28
M19	x	19.0 - 21.9	40	31
M22	x	22.0 - 25.9	50	34
M26	x	26.0 - 29.9	50	38
M30****		30.0 - 33.9	60	42
M30-70	x	30.0 - 33.9	70	42
M34	x	34.0 - 39.9	70	46
M40	x	40.0 - 45.9	85	52
M46****		46.0 - 51.9	90	58
M46-100	x	46.0 - 51.9	100	58
M52	x	52.0 - 57.9	100	64
M58	x	58.0 - 63.9	105	70
M64	x	64.0 - 69.9	110	76
M70	x	70.0 - 75.9	110	82

**** Phase out

H50-6 - Electrically operated swaging machine 450 tons

H50-6ECO-1/H50-6ECO-1PH-1

H50-6ECO-C-1/H50-6ECO-C-1PH-1

H50-6ECOPL-1/H50-6ECOPL-1PH-1

H50-6HYDRA-1/H50-6HYDRA-1PH-1

H50-6HYDRAPL-1/H50-6HYDRAPL-1PH-1

Eco version 380V 3PH 50Hz/220V 1PH 50Hz

Eco-C version 380V 3PH 50Hz/220V 1PH 50Hz

Eco Premium Line version 380V 3PH 50Hz/220V 1PH 50Hz

Hydratouch version 380V 3PH 50Hz/220V 1PH 50Hz

Hydratouch Premium Line version 380V 3PH 50Hz/220V 1PH 50Hz



H50-6ECO-1
H50-6ECO-1PH-1



H50-6ECOPL-1
H50-6ECOPL-1PH-1



H50-6HYDRAPL-1
H50-6HYDRAPL-1PH-1

Description

Swaging machine with hose capacity up to 2" (6 wire). Available in five different standard configurations as shown above.

Product features and specifications

CRIMPING RANGE* [mm/inch]	6-82/0.24-3.23				
MAX CRIMPING FORCE [kN/ton]	4500/450				
CAPACITY [inch]	3/16"-2" R13/4SH (6 wire)				
MAX OPENING** [mm]	+47				
MAX WORK OPENING*** [mm]	+12				
	H50-6ECO-1 H50-6ECO-1PH-1	H50E-6CO-C-1 H50E-6CO-C-PH-1	H50-6ECOPL-1 H50-6ECOPL-1PH-1	H50-6HYDRA-1 H50-6HYDRA-1PH-1	H50-6HYDRAPL-1 H50-6HYDRAPL-1PH-1
CALIBRATION	Dial calibrator			Touchscreen	
MOTOR [kW]	2.2				
NET WEIGHT [kg]	245				
GROSS WEIGHT [kg]	255				
DIMENSIONS LxWxH [mm]	750x453x795				
RACK WITHOUT QUICK CHANGE SYSTEM	H50-6RACK 1 Rack 18 die pots				
RACK WITH QUICK CHANGE SYSTEM	H50-6QC	H50-6QC	H50-6QC-PL	H50-6QC	H50-6QC-PL
QUICK CHANGE TOOL	QTC46-24				
FOOT PEDAL	/	Integrated	Integrated	123-026	Integrated
VIDEO CAMERA	/	/	/	123-130	123-130

* With standard die sets. For specific applications, special die sets are available on request.
 ** The maximum opening of the machine is the result of the sum of this value and the nominal size number of used master die set.
 *** The maximum working diameter is the result of the sum of this value and the nominal size number of used master die set.

OPTIONAL
Dispenser

Foot pedal

Quick change tool

Camera

Mirror

QC-02

Die sets – M series

Part Number	Standard	Crimping range [mm]	L [mm]	Ferrule Max Ø [mm]
M06		6.0 - 7.9	40	18
M08		8.0 - 9.9	40	20
M10		10.0 - 12.9	40	22
M13		13.0 - 15.9	40	25
M14-50		14.0 - 15.9	50	26
M16	x	16.0 - 18.9	40	28
M19	x	19.0 - 21.9	40	31
M22	x	22.0 - 25.9	50	34
M26	x	26.0 - 29.9	50	38
M30****		30.0 - 33.9	60	42
M30-70	x	30.0 - 33.9	70	42
M34	x	34.0 - 39.9	70	46
M40	x	40.0 - 45.9	85	52
M46		46.0 - 51.9	90	58
M46-100****	x	46.0 - 51.9	100	58
M52	x	52.0 - 57.9	100	64
M58	x	58.0 - 63.9	105	70
M64	x	64.0 - 69.9	110	76
M70	x	70.0 - 75.9	110	82
M76	x	76.0 - 81.9	120	86

**** Phase out

BH1000-1 - Electrically operated swaging machine 2.25 tons

BH1000-1 Standard version 220V 1PH 50Hz

Description

Swaging machine with a brake hose capacity from 7.5 to 10 mm. The machine is compact and lightweight and it is designed for crimping brake hoses and air conditioning hoses. Available in standard configuration with double foot pedal.



QC-01



BH1000-1

Product features and specifications

CRIMPING RANGE [mm/inch]	7.5-10/0.29-0.39
MAX CRIMPING FORCE [kN/ton]	22.5/2.25
CALIBRATION	Pressure Regulator / Dial calibrator
MOTOR [kW]	0.5
MAX OPENING [mm]	+13
MAX WORK OPENING*** [mm]	+12
OPERATION	Hydraulic power pack [172 bar/2.500 psi]
NET WEIGHT [kg]	29
GROSS WEIGHT [kg]	35
DIMENSIONS LxWxH [mm]	550x300x 400

* With standard die sets . For specific applications, special die sets are available on request.

** The maximum opening of the machine is the result of the sum of this value and the nominal size number of used master die set. Valid only for S series die set.

*** The maximum working diameter is the result of the sum of this value and the nominal size number of used master die set. Valid only for S series die set.

Die sets – S series

Part Number	Standard	Crimping range [mm]	L [mm]	Ferrule Max Ø (mm)
S06		6.0 - 7.9	40	18
S08		8.0 - 9.9	40	20
S10		10.0 - 12.9	40	22
S13		13.0 - 15.9	40	25
S14		14.0 - 15.9	40	26
S16	x	16.0 - 18.9	40	28
S19	x	19.0 - 21.9	40	31
S22	x	22.0 - 25.9	50	34
S26	x	26.0 - 27.9	50	38
S28	x	28.0 - 33.9	50	40

SPECIAL DIE SETS FOR AIR CONDITIONING APPLICATIONS

Part Number	Ø Standard [mm]	Ø Reduced [mm]
DA10193R6	-	6
DA10193N6R8	6	8
DA10193N8R10	8	10
DA10193N10R12	10	12
DA10193N12R14	12	14

SPECIAL DIE SET FOR BRAKE HOSE APPLICATIONS

Part Number	Ø	L [mm]
DA10312SB02	10.5	40

PRT34 - Vertical swaging machine

CCM/334-0ET Swaging machine PRT34/ET with manual distributor and power pack 380V 3PH 50Hz, incl. n. 4 set of dies std

CCM/334-0EM Swaging machine PRT34/EM with manual distributor and power pack 220V 1PH 50Hz, incl. n. 4 set of dies std

Description

The PRT34 is the ideal machine for crimping hydraulic hoses up to 5/8". It comes with standard equipment of 4 series of dies from 1/4 " to 5/8"



Product features and specifications

CAPACITY [inch]	5/8"
CALIBRATION	Dial calibrator
HYDRAULIC POWERPACK	2.2 kW 380V 50Hz 3ph 2.2 kW 220V 50Hz 1ph
PACKAGING DIMENSIONS LxWxH [mm]	1200 x 600 x 800 (with electric contr. unit)
NET WEIGHT [kg]	87

* With standard die sets . For specific applications, special die sets are available on request.

** The maximum opening of the machine is the result of the sum of this value and the nominal size number of used master die set. Valid only for S series die set.

*** The maximum working diameter is the result of the sum of this value and the nominal size number of used master die set. Valid only for S series die set.

Dies - Standard series

Part Number	Standard	Ø [mm]
CCA/334-007		7
CCA/334-008		8
CCA/334-009		9
CCA/334-010		10
CCA/334-013		13
CCA/334-016	x	16
CCA/334-019	x	19
CCA/334-023	x	23
CCA/334-026	x	26

Dies for brake hoses

Part Number	Ø [mm]
CCA/334-00F	10.5

Dies for air-conditioning

Part Number	Ø [mm]
CCA/334-C15	15
CCA/334-C19	19
CCA/334-C21	21
CCA/334-C25	25

PRT40 - Vertical swaging machine

CCM/340-000-1	Swaging machine PRT40 with manual distributor
CCM/340-000	Swaging machine PRT40 with manual distributor, incl. n.5 set of dies std
CCM/340-0ET	Swaging machine PRT40/ET with manual distributor and hydraulic power pack 380V 3PH 50Hz, incl. n. 5 set of dies std
CCM/340-0EM	Swaging machine PRT40/EM with manual distributor and hydraulic power pack 220V 1PH 50Hz, incl. n. 5 set of dies std

Description

The PRT40 is the ideal machine for crimping hydraulic hoses up to 1". It comes with standard equipment of 5 series of dies from ¼ " to 1".



Product features and specifications

CAPACITY [inch]	1" R9R
CALIBRATION	Dial calibrator
HYDRAULIC POWERPACK**	2.2 kW 380V 50Hz 3ph 2.2 kW 220V 50Hz 1ph
PACKAGING DIMENSIONS LxWxH [mm]	800x 600 x 600(without power pack) 1200 x 600x 800mm (with power pack)
NET WEIGHT * [kg]	75

* Referred to CCM/340-000-1.

** Operated with hydraulic hydraulic power pack (optional three phase or single phase).

Dies - standard series

Part Number	Standard	Ø [mm]
CCA/345-007		7
CCA/345-009		9
CCA/345-010		10
CCA/345-510		10 (special brake hoses)
CCA/345-012		12
CCA/345-013		13
CCA/345-015		15
CCA/345-515		15 (special)
CCA/345-016	x	16
CCA/345-019	x	19
CCA/345-023	x	23
CCA/345-029	x	29
CCA/345-036	x	36

Dies for brake hoses

Part Number	Ø [mm]
CCA/345-00F	10.5

Dies for air-conditioning

Part Number	Ø [mm]
CCA/345-C15	15
CCA/345-C19	19
CCA/345-C21	21
CCA/345-C25	25

PRT80 - Vertical swaging machine

CCM/380-000-1	Swaging machine PRT80 with manual distributor
CCM/380-000	Swaging machine PRT80 with manual distributor, incl. n.7 set of dies std
CCM/380-0ET	Swaging machine PRT80/ET with manual distributor and hydraulic power pack 380V 3PH 50Hz, incl. n. 7 set of dies std
CCM/380-0EM	Swaging machine PRT80/EM with manual distributor and hydraulic power pack 220V 1PH 50Hz, incl. n. 7 set of dies std

Description

The PRT80 is the ideal machine for crimping hydraulic hoses up to 1 1/2". It comes with standard equipment of 7 series of dies from ¼ " to 1 1/2".



Product features and specifications

CAPACITY [inch]	1 ½" R9R.
CALIBRATION	Dial calibrator
HYDRAULIC POWERPACK**	2.2 kW 380V 50Hz 3ph 2.2 kW 220V 50Hz 1ph
PACKAGING DIMENSIONS LxWxH [mm]	800x 600x 600(without power pack) 1200 x 600 x 800 (with power pack)
NET WEIGHT * [kg]	132

* Referred to CCM/380-000-1.

** Operated with hydraulic hydraulic power pack (optional three phase or single phase).

Dies - standard series

Codice	Standard]	Ø [mm]
CCA/389-007		7
CCA/389-009		9
CCA/389-010		10
CCA/389-013		13
CCA/389-014		14
CCA/389-016	x	16
CCA/389-019	x	19
CCA/389-023	x	23
CCA/389-030	x	30
CCA/389-038	x	38
CCA/389-045	x	45
CCA/389-052	x	52

Dies for brake hoses

Part Number	Ø [mm]
CCA/345-00F	10.5

Dies for air-conditioning

Part Number	Ø [mm]
CCA/345-C15	15
CCA/345-C19	19
CCA/345-C21	21
CCA/345-C25	25

PR32 - Hand lever swaging machine

CCM/332-000

Hand lever operated crimping machine PR32, suited for light aluminum and printed steel ferrules with n.2 die sets Ø12mm (standard and reduced sizes) included

Description

Hand lever operated swaging machine for lightweight aluminum ferrules and moulded steel ferrules.



Product features and specifications

CRIMPING RANGE [mm]	12-36
MAX CRIMPING FORCE [kN/ton]	44/4.4
WEIGHT [kg]	20
DIMENSIONS LxWxH [mm]	240x110x345

Dies chart

Part Number	Ø Standard size [mm]	Ø Reduced size [mm]
CCA/332-006	6	-
CCA/332-06R	-	6
CCA/332-008	8	-
CCA/332-012	12	-
CCA/332-12R	-	12
CCA/332-014	14	-
CCA/332-016	16	-
CCA/332-017	17.5	-
CCA/332-019	19	-