HMC 1-25 | HMC 1-30 | HM 245

Press designed specifically for the production of automotive hoses. A good example for such a tailor-made solution is the HMC 1-25, HMC 1-30 and HM 245 with C-shaped crimping tool designed for radial insertion of complex hose lines. This special press is an ergonomically designed, low-noise machine that requires no lubrication. It has been specifically devised for the production of hoses for the automotive industry, offering outstanding press forces and precision. With PFC and other optional features, you can adjust the press force to process materials that are easily damaged, producing strong and lasting connections without any need for gluing, screwing or welding.



HMC 1-25 I HMC 1-30



HMC 245

Innovative design with C-shaped crimping tools
Compact dies for easy crimping of 90° elbow fittings
Radial workpiece insertion
High-level components and system solutions
Quality pumps designed for low-noise operation
Slide bearing technology
Optimised productivity with minimum maintenance costs
Reduces crimping force loss by up to 20%
Grease-free for extra cleanliness and prolonged service life
No greasy dirt deposits
New Control C user interface
Touch control screen
Programmable crimp dimensions and pressure measurement
Large product memory for efficient production management
HID compliant
CE compliant

We reserve the right to make technical changes without notice. Options are machine parts that can only be ordered while buying the machine.

Package

HMC 1-25 I HMC 1-30

Package = Machine

+ PB Ø 17, 20, 24, 28, 32, 40, 44, 50

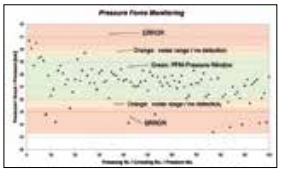
HM 245

Package = Machine

+ PB Ø 17, 20, 24, 28, 32, 40, 44, 50

Standard – Pressure Force Monitoring

PFM – Standard on all machines with Control C.2



Quality-enhancing option for series production. With PFM, the upper and lower pressure limits can be set by adjusting the tolerance values obtained from test pressing.
Pressures outside these limits are output as errors. It is possible to let the machine switch off at a fixed upper or lower limit, thereby obtaining a higher process safety.

This way you can display and record combinations of incorrect hose and fittings, skipped work stage, such as skiving of the hose or a poorly positioned hose-fitting connection. Achieve integrated quality control without any additional effort.

Technical Data



HMC 1-25 I HMC 1-30



HM 245

Technical data	HMC 1-25	HMC 1-30	HM 245
Crimp force (kN/Ton)	250/25	300/30	750/75
No grease: 20% less friction	✓	✓	✓
Control	Control C.2	Control C.2	Control C.2
SAE R 12* 1 piece fitting			1"
SAE R 12* 2 piece fitting			¾"
Industry	1"	1"	1"
Max. crimping range	70 mm	70 mm	70 mm
Radial opening			75 mm
Opening without dies	90 mm	90 mm	105 mm
Type of dies	239	239	239
Speed (mm/sec) Close Crimp Open	 30 5 50	 30 5 50	 27 5 30
Noise level	< 80 dBA	< 80 dBA	53 dBA
Drive	4 kW	4 kW	4,0 kW
Oil	100 L	100 L	100 L
L x W x H (mm)	650 x 590 x 1 700	650 x 590 x 1 700	1 020 x 950 x 1 450
Weight	320 kg	320 kg	610 kg

* According to the fitting.

Additional Information



Radial insertion of workpieces, catering even to 90° bends.



Sliding table with handle.



Double head system.



Constant axial centre when crimping jaws are closed.

Type of dies
(HMC 1-15 HMC 1-25 | HMC 1-30)

239 - 38

Ø mm	mm
6,8	38
9	38
10	38
12	38
14	38
16	38
17	38
19	38
20	38
22	38
24	38
26	38
28	38
30	38
31	38
32	38
34	38
36	38
38	38
39	38
40	38
44	38
47	38
50	38
54	38
57	38
62	38

Type of dies
(HM 245)

239

Ø mm	mm
6,8	50
9	50
10	50
12	50
14	60
16	60
17	60
19	60
20	60
22	60
24	60
26	75
28	75
30	75
31	75
32	75
34	75
36	75
38	75
39	75
40	75
44	75
47	75
50	75
54	75
57	75
62	75

Accessories



PTS Die marking



OC HM 3xx/HM 245



Sliding table with handle



LUF

Control C.2: Accessories



Customized software



Electronic caliper



Calibration mandrel



Barcode scanner



PS.2 Double foot pedal



UTS/UDL
Data transfer



ULS
UNIFLEX label system



807.2
Screen protector