HM 450 | HM 480 | HM 495

Due to their compact, all-round accessible construction, high level of user friendliness, and long service life, the HM 450, HM 480 and HM 495 set the standard for quality and cost effectiveness. The crimpers' particularly large opening stroke and the use of long master dies allow you to crimp all types of fittings and up to 12" industrial hoses.



HM 480

Engineered solutions using quality components

- Compact machine for ergonomic work
- HiLo cylinder - Maximum efficiency causing less heat
- Noiseless high-quality pump
- Long master dies to crimp all types of workpieces
- Full length of fittings crimped in one stroke increases product quality and production efficiency

Fixed 6- o'clock die

- Workpiece does not move, making it easier to position laterally
- Increases productivity, driving up profitability
- Reduces risk for injuries

Slide bearing technology

- No greasing improves cleanliness of machine and prolongs its lifetime
- Maximum productivity with very low maintenance costs
- Flaking cannot stick in grease, no risk of prematurely damaging the crimping head
- End product can be used in sanitary applications without cleaning
- 20% more capability for crimping stronger or more difficult couplings versus our competition's equivalent crimpers
- Consistently accurate crimp result

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



GDS 239 B

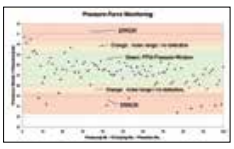


GDC 239.5

Package = Machine
+ PB Ø 17,20,24,28,32,40,44,50,57,71
+ 237.239.2L2 + 245.237L
+ GDC 239.5 + GDS 239 B
+ Control C.2

Pressure Force Monitoring

PFM – Standard on all machines with Control C.2





UDL included 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.



Multistep



Crimping by Pressure



Industrial calculator

Accessories



PTS



Oil Cooler
OC HM xxx

Technical Data





HM 450 | HM 480 | HM 495

Additional Information



Due to the long master dies, you can crimp virtually all types of fittings.



The machines are very compact and narrow for a better work environment.

Technical data	HM 450	HM 480 NEW	HM 495
Crimp force (kN / Ton)	4 000/400	4 800/480	6 000/600
No grease: 20% less friction	✓	✓	✓
Control	Control C.2 + Touch	Control C.2 + Touch	Control C.2 + Touch
SAE R 15/4SH* 1 piece fitting	3"	3"	3"
SAE R 15/4SH* 2 piece fitting	3"	3"	3"
Industrial	6" (12")**	8" (12")**	8" (12")**
Elbows	3"	3"	3"
Max. Crimp range	310 mm	310 mm	310 mm
Opening	+130	+150	+150
Opening without dies	360 mm	380 mm	380 mm
Master dies length (mm)	150 mm	150 mm	150 mm
Type of dies	245/237L/239-xx-Ø-yy	245/237L/239-xx-Ø-yy	245/237L/239-xx-Ø-yy
Speed (mm/sec)			
Close	18	18	18
Crimp	1,4	1,3	1
Open	20	20	20
Noise level	62 dBA	62 dBA	62 dBA
Drive	5,5 kW 3 VAC	5,5 kW 3 VAC	5,5 kW 3 VAC
Oil	300 L	300 L	300 L
L x W x H (mm)	730 x 1590 x 1 972	730 x 1 590 x 2 015	730 x 1 590 x 2 076
Weight	1 900 kg	2 400 kg	2 400 kg
HiDS (High Pressure Pump Dynamic Suction)	✓	✓	✓

* Special dies (reduced opening).

** Pipe fittings without flange.

Type of dies



239-xx-Ø-yy

Ø mm	mm
6,8	50
9	50
10	50
12	65
14	65
16	65
17	65
19	65
20	65
22	65
24	65
26	65
28	80
30	80
31	80
32	80
34	80
36	80
38	80
39	80
40	80
44	80
47	100
50	100
54	100
57	100
62	100

Type of dies



237 L/245

Ø mm	mm
54	118
57	118
62	118
67	118
71	118
74	118
78	118
84	118
86	118
90	118
96	118
103	118/130
106	126/130
111	126/130
116	126/130
121	126/130
126	126/130
131	126/130
136	130
146	150
156	150
170	150
185	150
200	150
230*	230
265*	220
275*	220
305*	254

Accessories



QDS 239 S



QDS 239 C



QDS 239 R



OCS



LUF

Control C.2: Accessories



Customized software



Electronic caliper



Calibration mandrel



Barcode scanner



TA (A)



PS Double foot pedal



RFID



ULS



807.2



DMS