HM 660 | HM 665 | HM 1200

With their distinctive construction and high crimping force of up to 12000 kN, the HM 660, HM 665 and HM 1200 are some of UNIFLEX's powerhouses. They set the standard for quality and cost effectiveness. Using one of these models, you can easily crimp up to 12"-industrial hoses (according to the fitting).



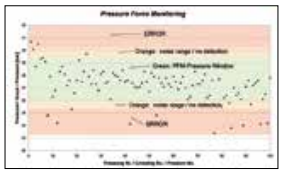
HM 665

Engineered solutions using quality components
Smaller machine increases ergonomics
HiLo cylinder - Maximum efficiency causing less heat
Noiseless high-quality pump
Full length of fittings crimped in one stroke increases product quality and production efficiency
Lateral reinforcement optimizes overall tolerance
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.

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.



Multistep | Crimping by Pressure | Industrial calculator

UDL included with Control C.2



Technical Data



HM 660 I HM 1200

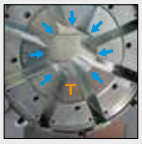


HM 665

Additional Information



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



The fixed 6- o'clock die makes safe and low-force positioning of the workpiece possible, which improves cost effectiveness as well as safety.

Technical data	HM 660	HM 665	HM 1200
Crimp force (kN / Ton)	8 000/800	6 000/600	12 000/1 200
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	10"	12"/16"*	10"
90° Elbows	3"	3"	3"
Max. Crimp range	325 mm**	450 mm**	325 mm**
Opening	+120 mm	+180 mm	+120 mm
Opening without dies	395 mm	580 mm	395 mm
Master dies length (mm)	200 mm	250 mm	200 mm
Type of dies	246/237L/239-xx-Ø-yy	298/247/245/ 237L/239-xx-Ø-yy	246/237L/239-xx-Ø-yy
Speed (mm/sec)			
Close Crimp Open	15 2 15	17 0,9 25	11 1,5 11
Noise level	69 dBA	69 dBA	69 dBA
Drive	18,5 kW 3 VAC	5,5 kW 3 VAC	18,5 kW 3 VAC
Oil	300 L	400 L	300 L
L x W x H (mm) I Machine + Power Unit	1 400 x 1 050 x 2 470	1800 x 970 x 2400	1 400 x 1 130 x 2 660
L x W x H (mm) I Machine + Power Unit	700 x 1 160 x 1 360	integrated	1 100 x 1 300 x 1 500
Weight	4200 kg + 450 kg	5000 kg	4480 kg + 450 kg
HiDS (High Pressure Pump Dynamic Suction)	✓	✓	✓

* Layflat hoses with special dies.

** According to the fitting.

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 / 246

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
106	126
111	126
116	126
121	126
126	126
131	126
136	150
146	150
156	150
170	170
185	200
200	200
215	200
230	200
245	200
260	200

Type of dies 298

Ø mm	mm
200	250
220	250
240	250
260	250
280	250
300	250
320	250
340	250
360	250
380	250

Type of dies 245

Ø mm	mm
103	130
106	130
111	130
116	130
121	130
126	130
131	130
136	130
146	150
156	150
170	150
185	150
200	150

Type of dies 247

Ø mm	mm
136	130
146	150
156	150
170	170
185	200
200	200
215	200
230	200
245	200
260	200
275	200
290	200
305	200

Accessories



PTS



QDS 239 C



QDS 239 R



OCS



LUF



Oil Cooler
OC HM xxx

Control C.2: Accessories



Customized software



Electronic caliper



Calibration mandrel



Barcode scanner



TA (A)



PS Double foot pedal



RFID



ULS



807.2



DMS