

# Special machines - Insulators

## HM 380, HM 480, HM 660, HM 1200



Our production crimper models HM 380, HM 480, HM 660 und HM 1200 are ideal for the crimping of insulators, cables, steel ropes and reinforcing steel elements.



HM 660

### High-level components and system solutions

HiLo cylinder - for enhance power without extra heat / risk of overheating

Compact ergonomic design

Large basic jaws suitable for the crimping of virtually any fitting type

Lateral reinforcement for optimised product quality

Low-noise operation thanks to special pumps

### Fixed 6-o'clock die

For force-free and accurate workpiece positioning

Enhanced productivity

Improved workplace safety and less stress for operating personnel

### Slide bearing technology

Grease-free for extra cleanliness and prolonged service life

Maximised productivity at very low operating costs

As chips brush off easily, tool wear is minimised

Hoses remain grease-free  
- Ideal for hoses designed for the food or pharmaceutical industry  
- Reduced tool wear

Reduces crimping force loss by up to 20%

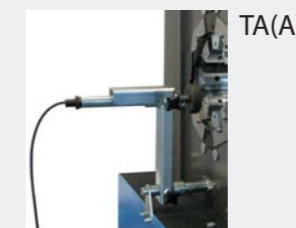
High process stability and reproducible accuracy

### CE compliant

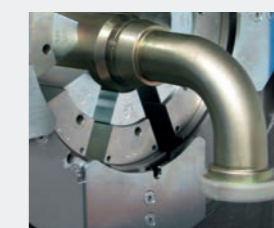
Technical data	HM 380	HM 480	HM 485	HM 660	HM 665	HM 1200
Crimp force (ton)	340	450	450	800	450	1200
No grease: 20% less friction			No grease: 20% less friction			
Control	Control C.2 Touch		Control C.2 Touch			
Max. crimp range (mm) with dies	165	310	250	325	380	325
Opening (mm)	+ 70	+ 150	310	+120	+120	+120
Opening without dies	215 mm	380 mm	360 mm	395 mm	450 mm	395 mm
Die type	239, 237, 239 xx-Ø-yy		246, 237, 239-xx-Ø-yy			
Speed (mm/sec)						
Close	23	20	20	15	15	11
crimp	1,3	1,5	1,5	2	2	1,5
Open	33	23	23	15	15	11
Drive	4 kW	5,5 kW	5,5 kW	18,5 kW	18,5 kW	18,5 kW
Oil (approx.)	100 l	300 l	500 l	300 l	300 l	300 l
L x W x H (mm)	1200 x 600 x 1700	730 x 1590 x 2015	730x 1590x 2480	1450 x 1050 x 2470 700 x 1160 x 1360		1450 x 1060 x 2650 700 x 1060 x 1360
Weight (kg)	750	2600	2900	4200 + 450		4480 + 450
HiDS (High Pressure Pump Dynamic Suction)			HiDS			
<b>Standard</b>			<b>Standard</b>			
Control C.2 Oilcooler			Control C.2 Oilcooler			
<b>Options</b>			<b>Options</b>			
PFC (Pressure Force Controlling) PFM (Pressure Force Monitoring)			PFC (Pressure Force Controlling) PFM (Pressure Force Monitoring)			
<b>Voltages</b>			<b>Voltages</b>			
HM 480.1_C.2_MVA - 220-480 Volt 60/50Hz 3Ph HM 480.1_C.2_FD_MVA - 220-480 Volt 60/50Hz 3Ph HM 480.1_PFC_C.2_MVA - 220-480 Volt 60/50Hz 3Ph			HM 660.2_C.2_MVA - 220-480 Volt 60/50Hz 3Ph HM 660.2_C.2_MVA - 220-480 Volt 60/50Hz 3Ph HM 660.2_PFC_C.2_MVA - 220-480 Volt 60/50Hz 3Ph HM 1200i2i_C.2_MVA - 220-480 Volt 60/50Hz 3Ph			



PTS System



TA(A)



Long basic jaws for the crimping of virtually any fitting type