



The best Return on Investment
Since 1972



HM480 - PRODUCTION CRIMPER

Due to its compact, all-round accessible construction, high level of user friendliness, and long service life, the HM480 sets the standard for quality and cost effectiveness. The crimper's particularly large 150 mm opening stroke and the use of long master dies allow you to crimp all types of fittings and up to 10" industrial hoses.

Engineered solutions using quality components

- HiLow cylinder - Maximum efficiency causing less heat
- Smaller machine increases ergonomics
- Full length of fittings crimped in one stroke increases product quality and production efficiency
- Lateral reinforcement optimizes overall tolerances

Fixed six 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 machine
- 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



UNIFLEX.de
made in Germany

www.uniflex.de



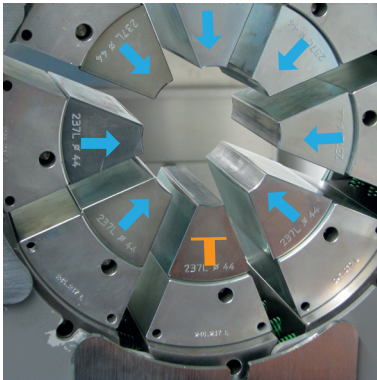
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Due to our long master dies, you can crimp virtually all types of fittings. This slide bearing technology reduces friction by 20% and ensures high process stability and reproducibility.



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



The clear Control B + Touch and the optional UTS software provide complete documentation of production data including the timestamp.

Technical data

Crimp force (kN / Ton)	4500 / 450
No grease: 20% less friction	yes
Control	Control B + Touch
SAE R 15 / 4SH* 1 piece	3"
SAE R 15 / 4SH* 2 pieces	3"
Industrial	8" (10") **
90° Elbows	3"
Max. Crimp range	310 mm
Opening	150 mm
Opening without dies	380 mm
Type of dies	237 L / 239 / 245
Speed (mm/sec.)	
close	20
crimp	1.5
open	23
Noise level	62 dBA
Drive	5.5 kW
Oil	300 l
L x W x H	730 x 1590 x 2015 mm
Weight	2600 kg
HiDS (High Pressure Pump Dynamic System)	yes

Optional

PFM	Pressure Force Monitoring
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Voltage variants (Other voltages on demand)

HM480.1_B_MVA	220-480 Volt 50/60Hz 3Ph
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Accessories

UTS (Uniflex Transfer Software)	Management, documentation Software
OCS 10 Retro	Camera
OC HM4xx MVA	Oil Cooler
QDS 239 C	Typ 239 (12 set) die storage
QDS 239 T	Typ 239 (24 set) die storage
QDS 239 S/R	Typ 239 (9 set) die storage
PTS System	Marking system
PS	Foot pedal
LUS /LUF	Workspace lights
TA (A)	Depth stop

Package

Crimper+ PB Ø 17,20,24,28,32,40,44,50,57,71 +237.239.2L2 + 245.237L

Dies at a glance:

Ø	6,8	9	12	14	16	17	19	20	22	24	26	28	32	36	40	44	47	50	54	57	62	67	71	74	78	84	86	90	96	103	106	111	116	121	126	131		
PB239 (mm)	50	50	50	50	65	65	65	65	65	65	65	80	80	80	80	80	100	100	100	100	100																	
PB237 (mm)																					118	118	118	118	118	118	118	118	118	118	118	118	126	126	126	126	126	
Ø	103	106	111	116	121	126	131	136	146	156	170	185	200																									
PB245 (mm)	130	130	130	130	130	130	130	130	150	150	170	200	150																									

* According to the fitting
** Without intermediate dies