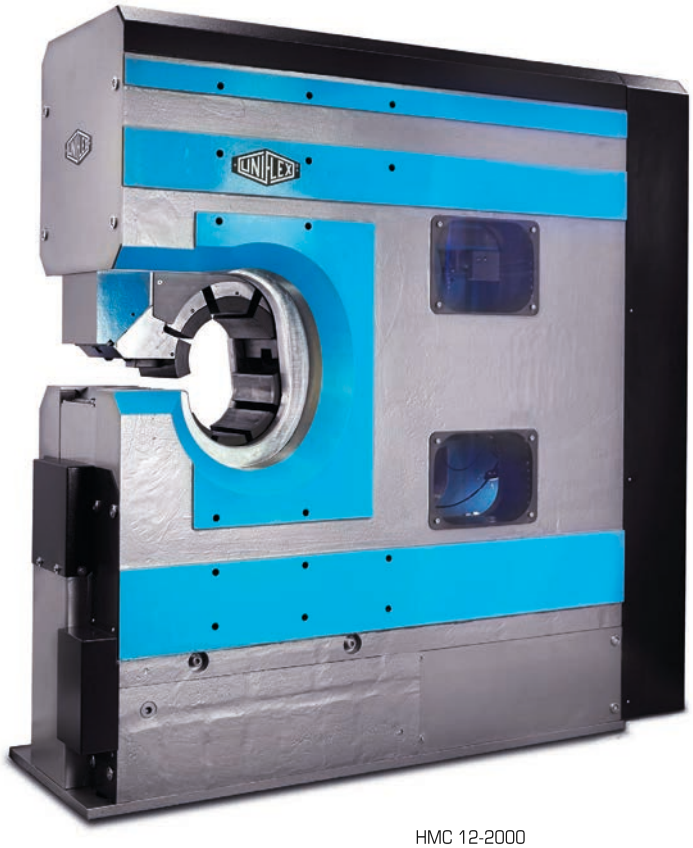
Stability, innovation and crimping force characterize the new UNIFLEX HMC 12-2000 crimper.

This machine is not only able to crimp the biggest hoses ever for a UNIFLEX machine, it is also the most compact one for mobile work in UNIFLEX history. The HMC 12-2000 is the most solid built C-crimper of the 2000 ton category due to its integrated powerbooster for high crimping forces. After a long period of research and development in the field of FEM, this machine outshines all others of its category. UNIFLEX defines new crimping techniques and focuses on the highest quality and user-friendliness as well as on advanced materials.

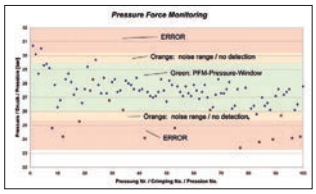


HMC 12-2000

High-level components and system solutions
HiLo cylinder - for enhanced power without extra heat/risk of overheating
Compact ergonomic design provides ergonomic work and mobile usage for fixed pieces
Large basic jaws suitable for the crimping of virtually any fitting type
Lateral reinforcement for optimised product quality
Patented design
New FEM calculation used
Tool can be removed separately
Stable, innovative
Low maintenance
Slide bearing technology
Grease-free for extra cleanliness and prolonged service life
Maximised productivity at very low operating costs
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

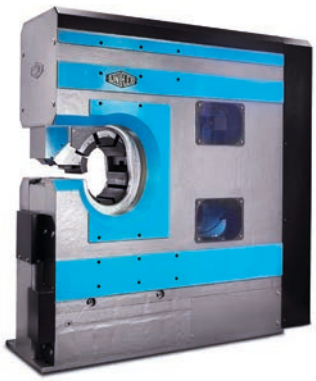
Standard

PFM – Standard on all machines with Control C.2

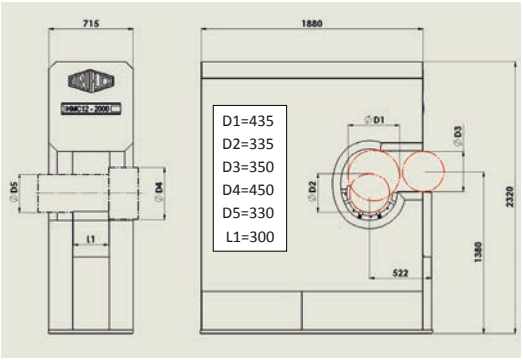


Quality-enhancing option for series production. With PFM, the upper and lower pressure limits can be set by adjusting the tolerance values obtained from test pressing.
Pressures outside these limits are output as errors. It is possible to let the machine switch off at a fixed upper or lower limit, thereby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



HMC 12-2000



Technical data	HMC 12-2000
Crimp force (ton)	20 000/2 000
No grease: 20% less friction	✓
Control	Control C.2
SAE R15 4SH 1 piece	3"
SAE R15 4SH 2 pieces	3"
Industry	12"
90° bow	3"
Max. crimp range (mm) with basic dies Crimping	380 Ø PB +50
Opening without dies	435 mm
Die type	247, 245, 237
Speed (mm/sec) Close/crimp/open	upon request, depends on power unit
L x W x H (mm)	2 000 x 750 x 2 400
Weight of tool (kg)	1 5000

Type of dies

237 L

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

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

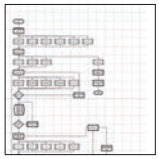
247

Ø mm	-mm-
96	130
106	130
126	130
131	130
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

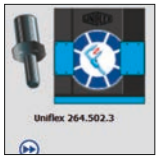
More technical data
according to the graphic above

D1 = Max. axial diameter 435 mm
D3 = Max. radial opening 350 mm
D4 = Max. flange diameter 450 mm
D5 = Diameter basic dies 330 mm
L1 = Wide basic dies 300 mm

Control C.2: Accessories

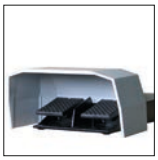

Customized software


Electronic caliper



Calibration mandrel

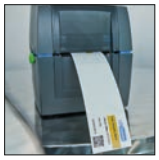

Barcode scanner


PS.2 Double foot pedal

Multistep included with Control C.2


DMS


UTS/UDL
Data transfer


ULS
UNIFLEX label system


807.2
Screen protector


RFID

Crimping by Pressure included with Control C.2