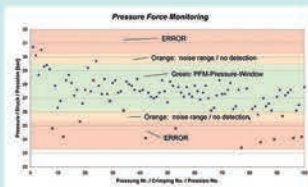




UNIFLEX-Hydraulik GmbH

The Best Return on Investment

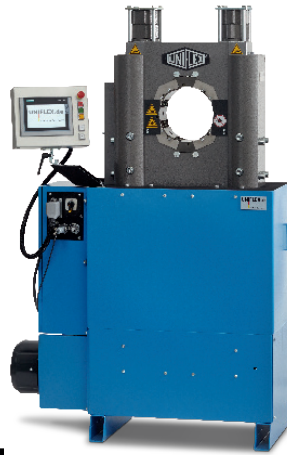


UNIFLEX.de
made in Germany





SC 12 i C.2



HM 380



HM 480

Technical data	SC 12 i C.2	HM 380	HM 480
Crimp force (kN/Ton)	3,700/370	3,400/340	4,800/480
No grease: 20% less friction	✓	✓	✓
Control	Control C.2/IPC	Control C.2/IPC	Control C.2/IPC
90° Elbows	2"	3"	3"
Max. Crimp range** (mm/inch)	145 / 5.71	165 / 6.50	310 / 12.20
Opening (mm/inch)	+61 / +2.40	+70 / +0.28	+150 / +5.91
Master dies length (mm/inch)	126 / 4.96	126 / 4.96	150 / 5.91
Type of dies	239 / 237L	237 L/239-xx	245/237L/239-xx-Ø-yy
Weight	555 kg	750 kg	2,400 kg



HM 660 | HM 1200



HMC 5-200

Technical data	HM 660	HM 1200	HMC 5-200
Crimp force (kN/Ton)	8,000/800	12,000/1,200	2,000/200
No grease: 20% less friction	✓	✓	✓
Control	Control C.2/IPC	Control C.2/IPC	IPC
90° Elbows	3"	3"	4"
Max. Crimp range** (mm/inch)	325 / 12.80	325 / 12.80	170 Ø PB +30 mm
Opening (mm/inch)	+120 / +4.72	+120 / +4.72	210 mm
Master dies length (mm/inch)	200 / 7.88	200 / 7.88	126 / 4.96
Type of dies	246/237L/239-xx-Ø-yy	246/237L/239-xx-Ø-yy	237, 239
Weight	4,200 kg + 450 kg	4,480 kg + 450 kg	1,650 kg

CONTROL IPC



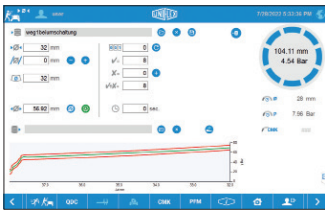
START MENU



INFO - CONVERSIONS, 2 COUNTERS - SERVICE, CONTACT

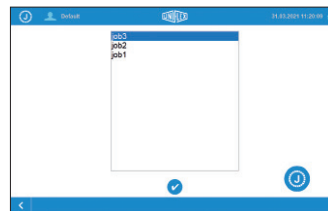


PFM



The PFM function enables forming to a defined pressure/diameter with monitoring of the minimum and maximum pressure/diameter. Enter the forming diameter. The forming diameter is the diameter to which the tool moves. The workpiece is permanently monitored during pressing every millisecond.

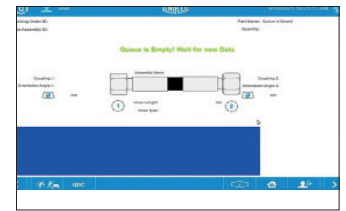
JOB-MODE



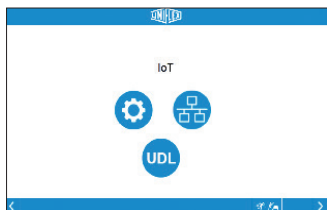
QUEUE MODE



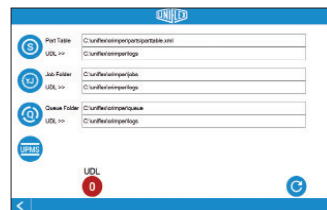
QUEUE SETTING



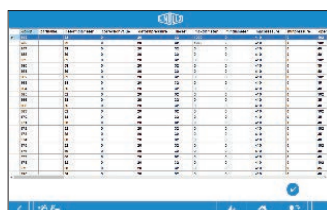
IoT - INTERNET OF THINGS



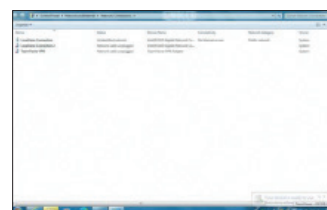
IoT menu



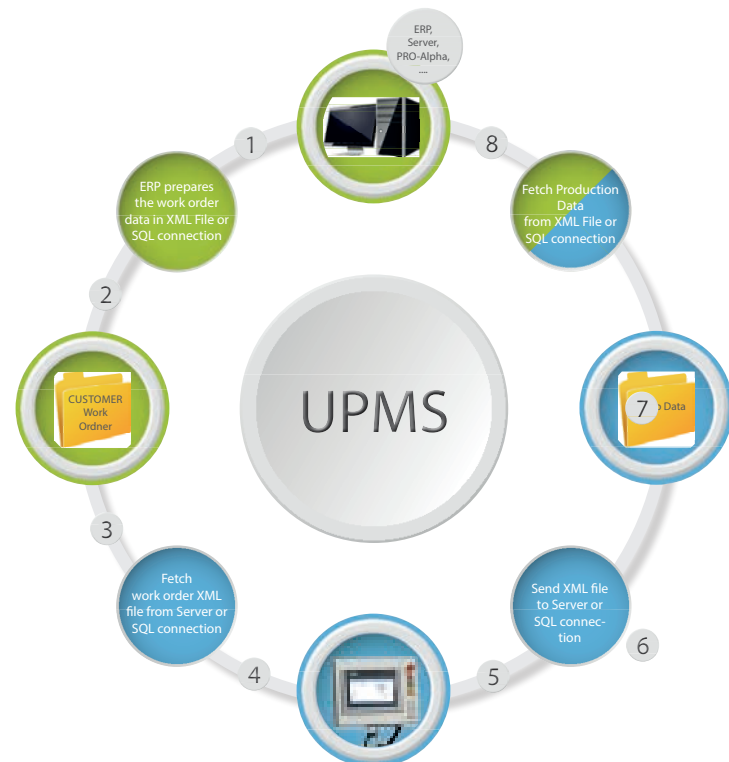
File path setting
(Part table, Job folder, Queue folder)



In the log file overview, stored press parameters are displayed.



Network settings



Since our foundation machines for radial worked alongside our connections endure even extreme forces



in 1972 UNIFLEX produces crimping. Since then we also customers to find the ideal various materials. These -without having to weld, to

screw or to glue. One result of this cooperation is the UNIFLEX PFC (PressureForceControl) option. There are two possibilities to end a crimping - when a certain path has been covered or when a certain crimp force has been applied, as it is done with PFC.

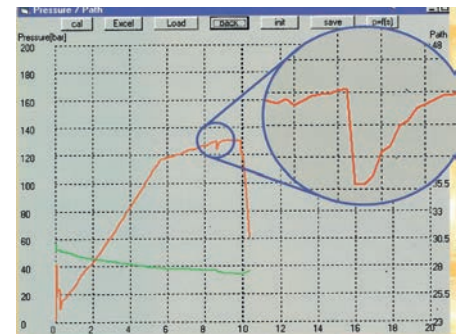
This is the more sensible way since the material behavior is taken into account. Consequently it is possible to crimp even as porous materials

as fiberglass. Some renowned insulator-producers already profit from PFC in their production. How can you profit from PFC as well?

PFC constantly delivers the measured values of crimp force and crimp position. These values are shown on a graph and are therefore analyzable. After a few test crimping you know exactly how this crimp process ideally runs.

With this information you can set the crimp force, the speed of crimp force increase and the switch-off time for the further production.

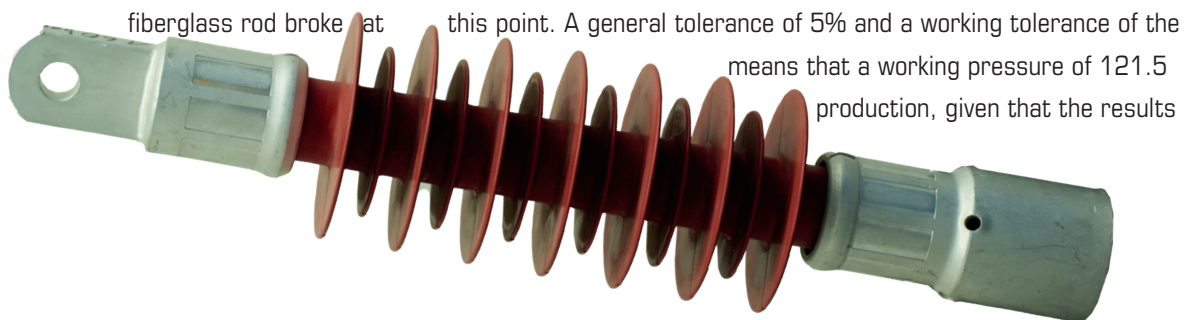
This secures the highest quality of your products - permanently, independent of the operator and reproducible!



A practical example from producing insulators: Empirical Tests to identify the crimp parameter of a crimp process. With a flat ramp and an increased crimp force a crimping process is performed. The graph, given to us, shows the pressure at which the fiberglass broke.

This process is highlighted on the following graph: Shown is the curve of crimping a fitting to a fiberglass rod with the finishing pressure of 131 Bar. At the pressure of 130 Bar a large pressure loss of 6 bar within 20 ms becomes visible.

This suggests that the machine of +/- 2 bar Bar could be used in are convincing in tests.



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