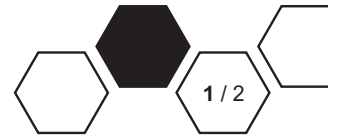


XMP 60 – modular and therefore flexible in use



A press-in unit with huge modularity. The XMP, which is designed from standardised components, is based on a modular principle and provides a flexible solution for your assembly process for simple as well as for complex tasks.

XMP, the electromechanical press-in unit with the „X“ – the crossover of experience and innovation combines the best of the QMP and SMP series with future-oriented press-in technology.

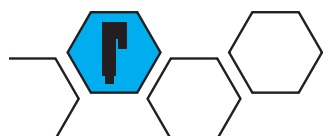
Gear module for a process optimized movement speed.

High precision reliable servo motor.



The space-saving control system with integrated servo controller is used for the evaluation of curves and their documentation as well as for the control of the XMP press-in unit.

Thanks to the variability of our press-in procedures, you have a high-performance system for the use in the quality critical assembly.

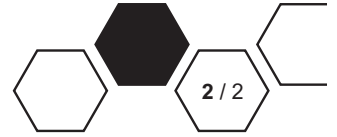


Fast system integration and error-free setup.
The decentralised intelligence of the XMP transmits the characteristic data via Plug-and-Play.

For a visual support during the assembly the large illuminated field shows the process status, the direction of movement and the position of the plunger.

Absolute stroke / length measuring system makes a reference movement unnecessary.

Different variants of the load cell, also available as redundant version.



Execution Stroke 200
572
mm

Execution Stroke 400
772
mm

Weight

Execution Stroke 200
approx. **8 kg**

Execution Stroke 400
approx. **10 kg**

Max. force, nominal load	0,5 / 1 / 2 kN
Drive motor	electronically controlled, maintenance-free servo motor
Motor mounting	180° turned with offset gear
Options motor	Execution customer motor
Hub	200 mm / 400 mm
Nominal speed	Gear 4Z 400 mm/s (max. 2,0 kN)
Holding time	max. 2,5 s
Executions load cell	KU: Bottom, in the plunger RU: Bottom, in the plunger, redundant
Measurement direction	DR: Press DZ: Press and pull
Measuring principle	Digitale DMS technology, drift-free force measurement
Accuracy force measurement	0,5 % of the final value
Execution stroke/length measurement	Absolute stroke/length measuring system, enables absolute and relative stroke measurement
Stroke/length repeat accuracy	< 0,01 mm (by about 20 mm/s)
Resolution	0,003 mm
Plunger	Recirculating ball screw; non-rotating plunger
Max. weight of additional tool	15 kg
Assembly	Face side, screws and centring via fitting collar; Installation position vertical / horizontal
Service	Low maintenance: Lubrication interval 600.000 cycles; Repair-friendly: Certain components can be replaced by the user without adjustment.

Designation, size press-in unit	Force [kN]	Stroke [mm]	Gear	Measuring direction	Option	Force measuring	Option to combine	Plunger	
XMP 60 /	005 -	200 -	4Z -	DR -	00 -	KU -	00 -	00	0M = Special motor
<i>Example</i>	005	200	0Z	DR	SL	KU	SL	99	KM = Customer motor
	01	400		DZ	LE	RU	LE		4Z = 300 mm/s
	02				OM		KM		0Z = Special gear
					KM				DR = Press
									DZ = Press and pull
									00 = Standard
									SL = Sealing air connection
									LE = Fan unit
									KU = Force bottom (plunger)
									RU = Force bottom redundant
									99 = Special

