

SETTING TOOLS

EXPRESS 3000/5000

Hydropneumatic Table Press for Series MB / CV / BF / BR / RE with Force and Distance Control

Hydropneumatic setting tool for the installation of KOENIG EXPANDER®. Quick tool change avoids long changeover times. The required working stroke is preprogrammed and can be retrieved by the Expander type to be processed (max. 64 memory locations). In addition, the working stroke is referenced for each individual Expander, which guarantees high process stability and quality. The press is force and distance controlled; an RS232 or USB interface can be used to trace corresponding data on the customer's computer for later processing. The required software is included in the scope of delivery.



EXPRESS 3000 – For the installation of KOENIG EXPANDER Series MB and CV from Ø 3 - 10mm (.156" - .375" inch), KOENIG CHECK VALVE BF and BR 5.5 and 8mm, and KOENIG RESTRICTOR Series RE from Ø 4 - 10mm.

EXPRESS 5000 – For the installation of KOENIG EXPANDER Series MB and CV Ø 12 - 22mm (.406" - .437" inch).

SETTING TOOL DATA

EXPRESS 3000		EXPRESS 5000	
Height	approx. 1360 mm	Height	approx. 1470 mm
Width	approx. 340 mm (max. 530 mm)	Width	approx. 400 mm (max. 580 mm)
Depth	approx. 495 mm	Depth	approx. 535 mm
Table (width x depth)	220 x 160 mm	Table (width x depth)	300 x 190 mm
Weight	approx. 140 kg	Weight	approx. 190 kg
Compressive force	30 kN (maxforce 29.5 kN at 6 bar)	Compressive force	50 kN (maxforce 52.5 kN at 6 bar)
Working stroke	10 mm (within the cylinder ram)	Working stroke	15 mm (within the cylinder ram)
Working speed	40 mm/sec (max. possible at 6 bar)	Working speed	30 mm/sec (max. possible at 6 bar)

SETTING TOOL DATA

EXPRESS 3000 and EXPRESS 5000	
Working area (height)	250 mm (working height between table top and cylinder, without setting tool)
Working area (depth)	200 mm (center-line spacing between cylinder and C frame)
Cylinder ram	60 mm
Operating voltage	230 V/110 V, automatic switchover to corresponding power supply
Operation	VISUAL POINT terminal with QVGA graphic display
Force / Distance control	Sensor adjusted with SIT reference sensor
Software	WINSCOPE Software for connecting to a PC