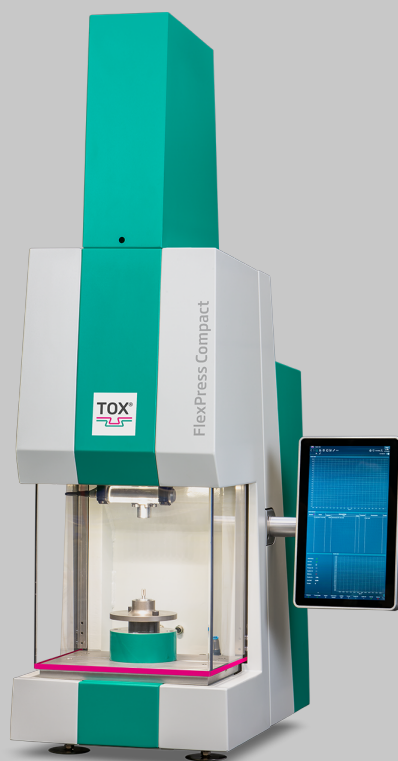


TOX® FlexPress Compact

Data sheet 60.20

2025 / 08



Technical data

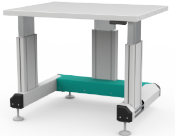
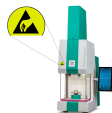
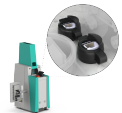
Models and details

	TOX® FlexPress Compact 005,000	TOX® FlexPress Compact 010,000	TOX® FlexPress Compact 030,000	TOX® FlexPress Compact 060,000
Drive type	TOX® ElectricPowerDrive EQe-K	TOX® ElectricPowerDrive EXe-K	TOX® ElectricPowerDrive EQe-K	TOX® ElectricPowerDrive EXe-K
Max. press force	5 kN	10 kN	30 kN	60 kN
speed	0-220 mm/s	0-300 mm/s	0-200 mm/s	0-125 mm/s
Press force range*	0.05-5 kN	0.1-10 kN	0.3-30 kN	0.6-60 kN
Stroke length	150 mm			
Opening/tool area	325 mm		314 mm	
Tool holding fixture	6 x M5 (top), T-slot (bottom) Center bore bottom (not aligned with ram center)		6 x M6 (top), T-slot (bottom) Center bore bottom (not aligned with ram center)	
Max. tool weight (top tool)	10 kg		25 kg	
Power supply	3 x 400 V			
Back-up fuse	C16A			
Ambient temperature	+10 °C to +35 °C			
Process monitoring system	TOX® ProcessMonitor			
Control system	TOX® SystemControl Core, TOX® UDI Panel15“ (Touch)			
Connectivity	2 inputs M12 for piece part sensors 1 Ethercat connection for intelligent bus module 1 pneumatic connection (no valve, no maintenance unit) USB 2.0 (type A) on the UDI panel for hand scanner M12 (8-pole) for start button			
Conformity	CE			
Dimensions	425 mm x 703 mm x 1402 mm			
Dimensions of working area (width x depth)	320 mm x 250 mm			
Weight	226 kg	231 kg	270 kg	275 kg

* Calibrated to press forces in relation to TOX® calibration stand

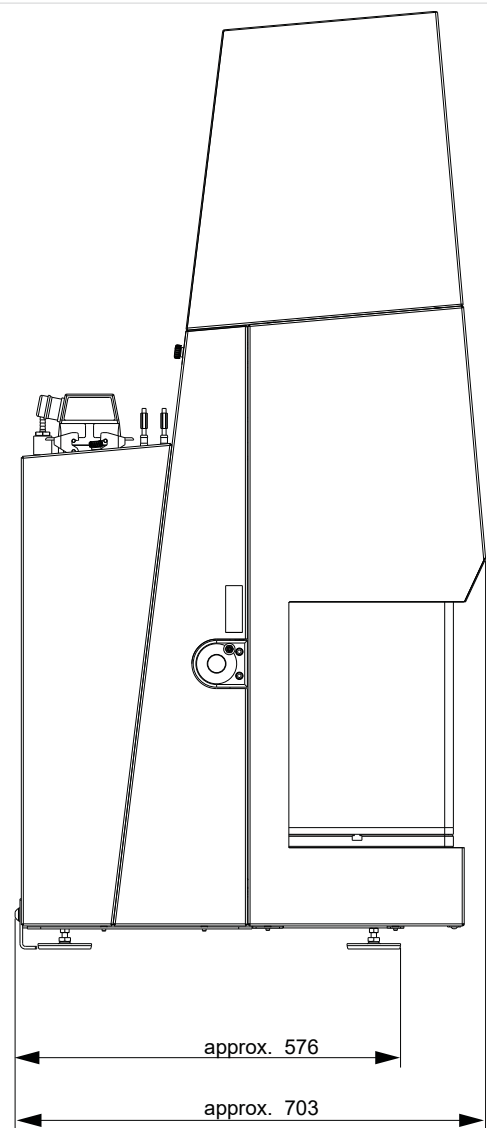
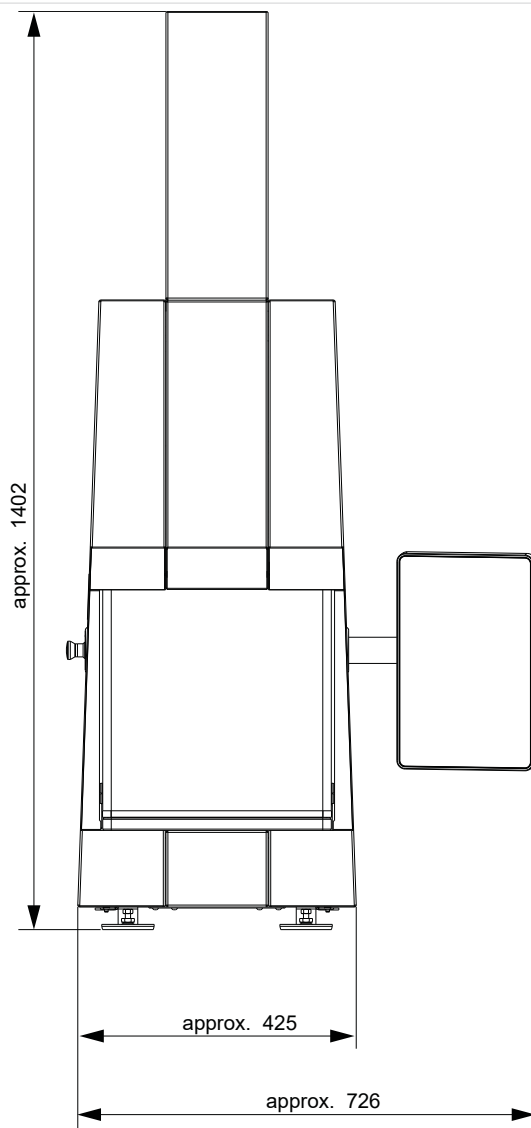
Optional accessories

Optional accessories

I/O module	External start button	Slide table	Height adjustable base frame
			
Ethernet-based I/O - modules bundle the data and link individual components such as electric drives, piece part clamp or spray units with each other.	For the easy start of processes.	For positioning and inserting the piece parts outside the working room.	Serves for setting the optimum working height.
USB hand scanner	ESD - certification	Fieldbus interface	
			
Reading in the process selection or the piece part information.	Makes possible an ESD certified working place.	32-word TOX standard fieldbus interface with: - Profinet CU - Ethernet IP - Ethercat	
TOX®-Sequence control	TOX®-Tool		
			
Combining of several processes into one sequence.	If required, delivery with custom manufactured tool.		

Dimensions

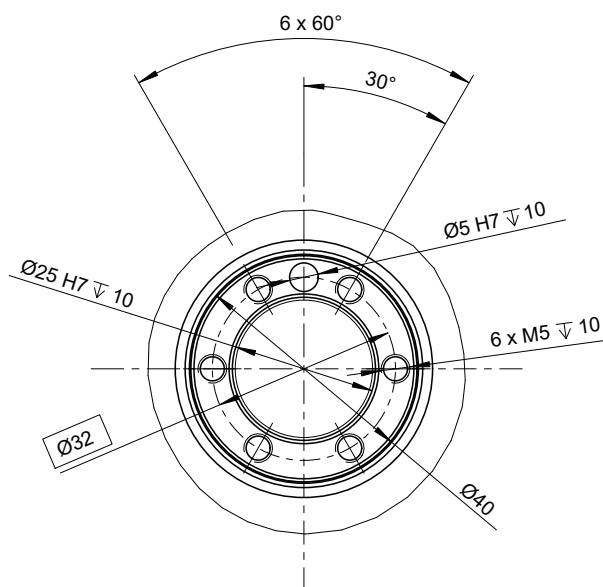
Dimensions



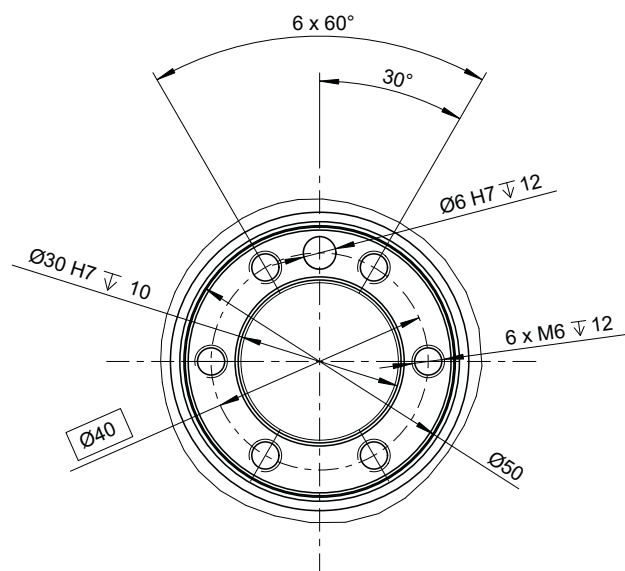
Dimensions

Tool connection drive side

TOX® FlexPress Compact 005.000
TOX® FlexPress Compact 010.000



TOX® FlexPress Compact 030.000
TOX® FlexPress Compact 060.000



Tool connection base plate

