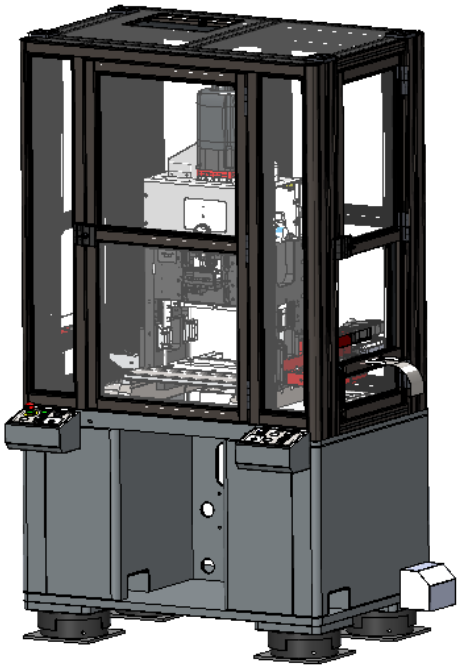
Datasheet

TX-40 S

Precision servo press



Technical data:

Forming force, dependent on cam:	40 kN
Stroke, dependent on cam:	Standard 13 mm
Tool installation height, in UT:	188mm to 218mm
table surface	Width 340 x depth 260
Stroke position adjustment	30mm
Belt running height above press table	65mm ±15mm
Height of table surface above hallway	930mm
Weight	Completely approx. 2000kg
Control cabinet	extern
Number of strokes at 8mm stroke max.	750h/min
Price	Price on request

Features of the TX-40S (standard equipment):

- Precision press with servo-mechanical drive concept with 40kN forming force and a stroke frequency of up to 750min-1 (at 8mm stroke height)
- Execution according to performance level “d”
- Fixed stroke (initial equipment selectable between 8-25mm) via cam gear with quick-change system for cam discs, enables process-optimized ram movement via defined movement law (according to VDI2143).
- Beckhoff IPC press control with touch panel on a mobile stand.
- Press control with integrated curve generator for further process optimization using electronic curves (overlaying the mechanical curve with an electronic curve also enables pulsation techniques).
- Optimum plunger guidance via specially developed sliding guides
- Monitored, safe speed for set-up operation to move the ram step by step.mechanische Hublagenverstellung.
- Integrated central lubrication.
- Integrated LED machine lighting.
- Integrated compressed air connection (required for central lubrication and belt oiler).
- Integrated force measurement for overload protection and process monitoring (Siegfried system).
- 2 pieces of connection strips for tool protection with 8 inputs (M12, 5-pin) and 8 outputs (M12, 5-pin).
- 1 piece of connection strip for peripherals with 8 inputs (M12, 5-pin).
- 2 220V sockets (for peripherals).
- Preparation for attachment of roller feed EX-50 (left/right).
- External control cabinet with installation space for additional controllers

Additional options:

- Cams with different strokes and laws of motion
- Digital position measuring system (resolution 0.002mm) for displaying the ram stroke position and the ram stroke.
- Belt lubricator with dosing pump.
- Roller conveyor guide
- Transverse movement with SEM module, including mounting kit.
- Lower movement with SEM module, including mounting kit.
- Integrated remote maintenance.