

SEP 100S

SEP Series – Stamping presses for every application

SCHAAL

by Weil Technology



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website



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Technical Data

Press force	1000 kN (available from 100 strokes/min)
Stroke rate	stepless up to 320 strokes/min
Distance between table and ram (with clamping bars), largest stroke at the bottom, adjustment at the top	320 mm
Ram adjustment	100 mm
Ram stroke – adjustable	10 – 100 mm
Ram plate (L x W x H)	960 × 600 × 50 mm
Fitting groove in the ram	30 H7 mm
Table surface (L x W)	1210 × 860 mm
Mould dimensions (L x W)	1170 × 760 mm
Clamping bars thickness	100 mm
Through-hole clamping bars (L x W)	straight x 100 – 220 mm (adjustable)
Through-hole in the table (L x W)	1000/880 × 260 mm
Belt infeed above clamping surface	feed-dependent
Drive power	22 kW
Weight (without feed)	14000 kg
Dimensions (L x W x H)	2290 × 1400 × 3000 mm

Technical changes reserved.

Structure

- Press body in stable double-column monoblock design made of vibration-damping gray cast iron
- Eccentric shaft on roller bearings with adjustment stroke and rotating mass balance
- Air-cooled piston rod, mounted on the eccentric shaft with multi-row, heavy-duty caged roller bearings
- Press ram made of high-strength titanium alloyed cast Al, 6-fold backlash-free rolling bearing supported by linear roller bearings on hardened and ground guideways
- Press drive via frequency-controlled three-phase motor, flywheel and pneumatic clutch-brake combination and planetary gear
- Press sequence control in PLC technology
- Press control with cam controller, mould and press force monitoring
- Special/additional equipment possible at any time by technical arrangement
- The SEP 100 stamping press can be individually equipped with gripper or roller feeds pushing or pulling

