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SCHAAL SEP 80 SZV 302

Automatic Punching Press Machine



YEAR

2001

REFURBISHED

2026

PRESSING FORCE:

800 kN (80 tons)

STROKES PER MINUTE:

60 – 320 min⁻¹

STROKE

8 – 80 mm



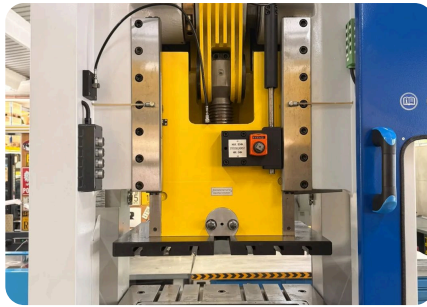
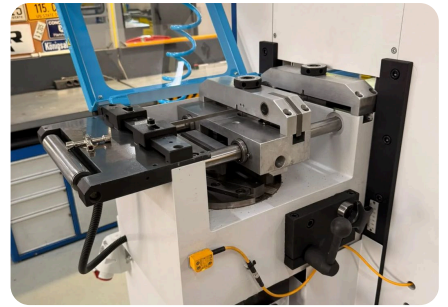
40
YEARS IN MACHINERY

2,500+
MACHINES DELIVERED

102
COUNTRIES

Specifications

TECHNICAL DATA · SCHAAL SEP 80 SZV 302

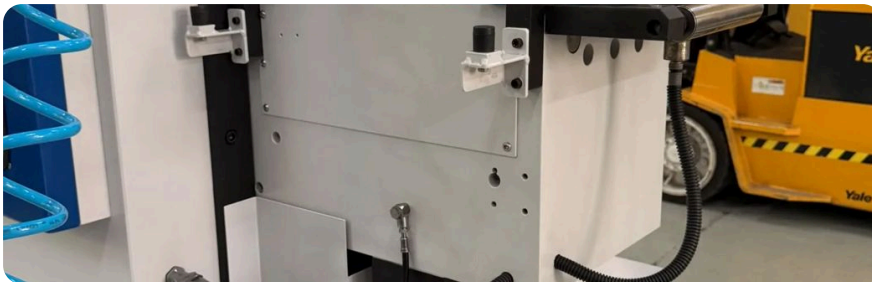
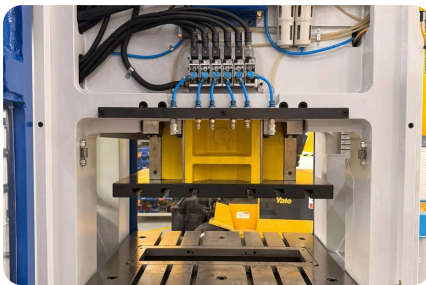
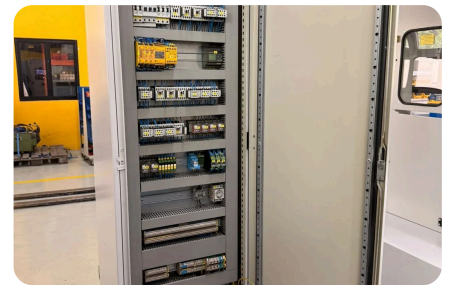
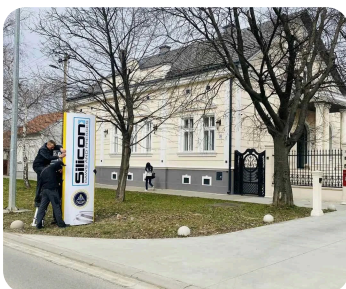


Pressing force:	800 kN (80 tons)
Strokes per minute:	60 – 320 min ⁻¹
Ram stroke (adjustable):	8 – 80 mm
Ram adjustment:	80 mm
Ram surface:	700 × 500 mm
Table size (clamping plate):	830 × 700 mm
Clamping plate thickness:	80 mm
Table opening:	500 × 200 mm
Strip feed clearance:	120 ± 40 mm
Feed unit:	Schaal SZV 3
Strip width:	10 - 270 mm
Thickness:	0 – 4 mm
Drive power:	21.5 kW
Weight:	8,000 kg
Footprint:	1,500 × 2,000 mm, height: 2,885 mm

The machine

DESCRIPTION & PHOTOS

Frame and guidance on this unit are built for repeatability: a rigid double-column O-frame in vibration-damping cast iron, with the ram carried in 6-point play-free roller guides. Power is transmitted by a flywheel drive with pneumatic clutch/brake combination. Year of manufacture is 2001. Control and protection - Unidor electronic control system giving repeatable stroke accuracy and fast setup; integrated tool safety device protecting dies from damage caused by misfeeds or incorrect part positioning, which reduces downtime and tooling costs. Key data - pressing force 800 kN (80 tons); 60 – 320 min⁻¹; ram stroke adjustable 8 – 80 mm; ram adjustment 80 mm; ram surface 700 × 500 mm; clamping plate 830 × 700 mm at 80 mm thickness; table opening 500 × 200 mm; strip feed clearance 120 ± 40 mm; drive power 21.5 kW; weight 8,000 kg; footprint 1,500 × 2,000 mm with a height of 2,885 mm.



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