

Machine Name : Press machine

Brand : SCHULER

Machine Model : EB54-1000-4.6X2.2-914

Stock No. : 4812618

Ex-factory Date : 2001



Main Technical Parameters:

Nominal capacity: 10,000 kN (approximately 1,000 tons)

Nominal stroke before bottom dead center: 25 mm

Energy per working cycle: 400 kJ (at 8 SPM)

Stroke rate during continuous operation: 8–20 SPM

Stroke rate during setup operation: 4 SPM

Maximum stroke rate for single stroke operation: 14 SPM

Clutch / brake operating pressure:

Minimum: 60 bar

Maximum: 65 bar

Maximum flywheel speed: 428 rpm

Drive motor:

Power: 100 kW

Speed: 1750 rpm

Distance between uprights: 5000 mm

Slider parameters:

Slider stroke: 914 mm

Die height adjustment: 600 mm

Slider bottom surface area (left-right × front-back): 4600 × 2200 mm

Distance from clamping surface to slider mounting height: 1450 mm

Bolster table size (left-right × front-back): 4600 × 2200 mm

Total machine weight (excluding dies and adapter plates): 295,000 kg

Die weight:

Maximum upper die weight: 60,000 kg

Maximum lower die weight: 30,000 kg

Stopping position: Top Dead Center (OT/TDC)

Slider stopping distance: 190 mm

Stopping time: 0.25 s

Safety distance: 1250 mm



