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Crimping Machines

High-capacity cable processing machines

We offer crimping machines for cable processing in a varied applications. Compact eccentric presses from Schäfer that enable pressing force up to 150 kN are available for selection:

Eccentric Press	EPS 2001	EPS 2001 DS	EPS 3000	EPS 6000	EPS 10000	EPS 15000
Press Force	20 kN	20 kN	30 kN	50 kN	100 kN	150 kN
Wire Cross Sections [1]	up to 6 mm ²	up to 6 mm ²	up to 12 mm ²	up to 35 mm ²	up to 50 mm ²	up to 100 mm ²
Stroke	40 mm	40 mm	40 mm	40 mm	50 mm	50 mm
Stroke Duration	0.3 s	0.3 s	0.3 s	0.7 s	1.0 s	1.2 s
Shut Height	135.8 +/- 7 mm	135.8 +/- 7 mm	135.8 +/- 7 mm	195 +/- 7 mm [3]	max. 204.8 mm [3]	max. 204.8 mm [3]
Electrical Power	0.75 kW	0.75 kW	1,1 kW	3 kW	4 kW	4 kW
Supplies	230 V, 50 Hz	230 V, 50 Hz	230 V, 50 Hz	3 x 400 V, 50 Hz	3 x 400 V, 50 Hz	3 x 400 V, 50 Hz
Speed	440 - 2000 rpm	440 or 2000 rpm	440 - 2000 rpm	1420 rpm	1420 rpm	1420 rpm
Frame Material	Steel or Aluminum	Steel or Aluminum	Steel	Steel	Steel	Steel
Dimensions [2] (W x D x H)	350x520x700 mm	350x520x700 mm	350x550x750 mm	550x700x780 mm	750x800x900 mm	750x850x900 mm
Weight [2]	90 kg	90 kg	100 kg	220 kg	460 kg	500 kg

[1] Depending on wire and terminal

[2] Approximate specification of the basic equipment (without terminal coil holder, crimp quality monitor, or similar items)

[3] With adapter, adjustable to press close height 135.8 mm

Numerous processes

Typical processes for cable processing machines are:

- Cutting of wires
- Stripping of sheathing and insulation
- Bending of terminals
- Fitting wires with seals or ferrite cores
- Crimping of wires with specific terminals
- Monitoring the crimp quality



Various applications

The crimping machines are developed to meet customer-specific requirements and are used in different applications:

- Wire end ferrules
- Belt buckle contacts
- Battery terminals
- Connector bridges
- Resistors
- Sensors
- Foils
- IDC contacts
- Airbag connectors