

Eccentric Press for Automatic Machines

EPS 2020



- Compact design
- Ideal to be used on fully automatic machines
- Integrated frequency converter
- Controller in the external machine
- For quick change tooling
- Hand wheel for manual settings
- Optional crimp height adjustment



Compact design



Crimp height adjustment



Application on Megomat 1000

EPS 2020



Description

The crimping press EPS 2020 is designed for crimping terminals utilizing quick change tooling also used in fully automatic systems like the new Megomat 1000. Its **compact design**, with a width of only 170 mm and an angled frame, make it ideal to be used on fully automatic machines.

The press motor is driven with an **integrated frequency converter** and controlled by the software from the wire processing machine.

Just like the bench top presses the EPS 2020 is also equipped with the popular **hand wheel** for manual setting of the applicators.

Range of Application

Schaefer crimp machines are used in the series production of the cable processing industry.

Examples of use

Eccentric presses are designed to connect wires and terminals in multiple applications.

Product Combination Possibilities

The new BB07s **crimp force monitoring system**, which was especially developed for fully automatic systems, can also be used on the EPS 2020 press.

In addition, the new optional **crimp height adjustment** has a setting range of 1 mm. The bottom dead center position of the ram can be adjusted without sacrificing the dynamic pass through of the of the bottom dead center during the crimping cycle.

The EPS 2020 press is compatible with the Schaefer Shuttle System.

Technical Data

EPS 2020

Supplies	
Power Supply	230 V, 50 Hz
Drive	0,75 kW rotary current motor
Processable Wire	
Cross Sections	up to 8 mm ² [1]
Rpm Of Motor	440 - 2300 rpm
Force	20 kN
Stroke	40 mm
Stroke Time	0,3 s
Shut Height	135,78 +/- 7 mm
Applicator Fixture	Quick-Change-System
Base Frame Material	Steel
Control	integrated frequency converter, controlled by the external machine software
Display	none
Temperature Range	
Operation	15 °C - 40 °C
Storage	0 °C - 60 °C (rF < 80%)
Dimensions & Weight	
W x D x H	400 x 170 x 740 mm [2]
Weight	75 kg [2]

[1] depending on the used material and geometry of the terminal

[2] approximately in basic configuration, without attached parts like terminal feeding equipment

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