

Technical Data

General

Part Number
Execution

Options

Power Data

Maximum Rating

Mechanical Data

Weld Force
Closing Stroke
Welding Pressure
Weld Force Adjustment
Air Pressure Supply
Electrode Holder
Electrode Shape
Max. Electrode Stroke
Weld Cable
Net Weight

Operation Data

Ambient Temperature

F120-M

865.03 007

with spring housing and spring types 0 to 3 for force ranges 1.2 to 150 N
with additional light current band for retooling to obtain lightweight version
without stand and without lower electrode holder
with add-on set - displacement measuring sensor

5 kA (2 kA with light current band)

1.2 to max. 150 N (load range dependent on the spring used)

mechanical (e.g. using a cam plate)

via pre-tensioned spring

by means of scale casing

6 bar

quick-change holder made of gold-plated Al

cylindrical, $d = 6 \text{ mm}$

25mm

1 x 95 mm², 700 mm long

approx. 1.5 kg

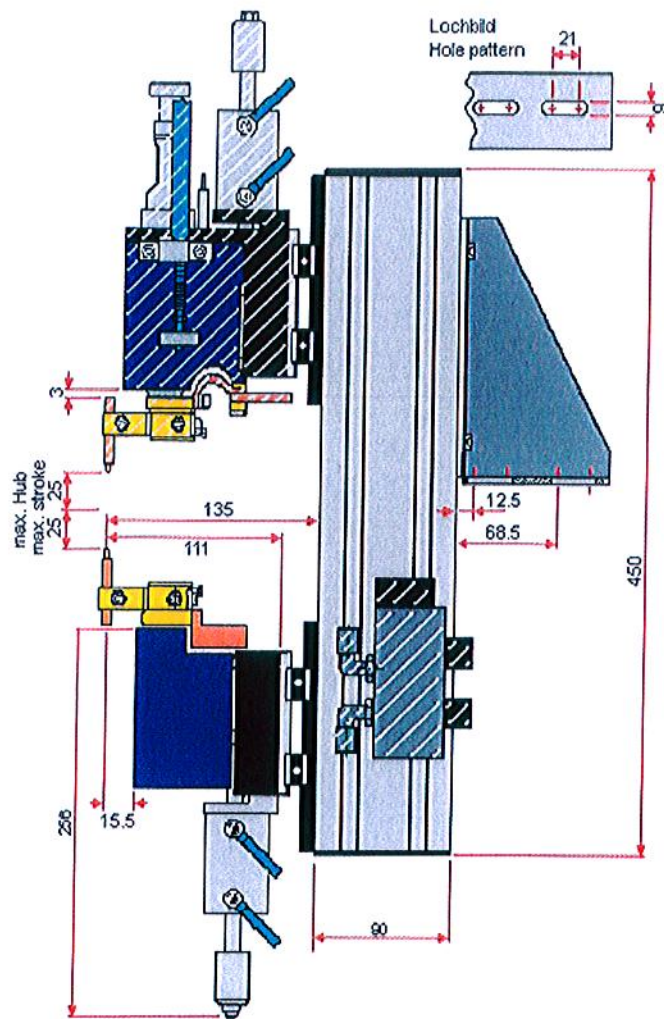
0 - 40°C

*Ihr Partner für
Schweißsysteme*

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Technical Data

General

Type	lower stroke cylinder
Part Number	865.03 013
Execution	stand for F120-M (without weld head)
Options	fully mounted with one of the F120 variants

Mechanical Data

Closing Stroke	pneumatic
Air Pressure Supply	6 bar
Electrode Holder	quick-change holder
Electrode Shape	cylindrical, $d = 6 \text{ mm}$
Weld Cable	$1 \times 95 \text{ mm}^2$, 700 mm long
Net Weight	approx. 5.5 kg

Operation Data

Ambient Temperature	0 - 40°C
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F120-H

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