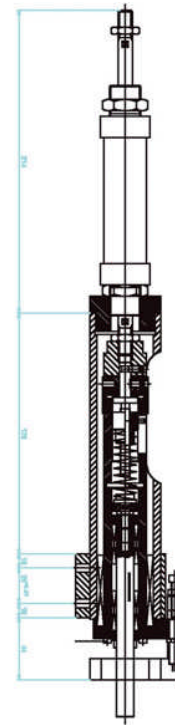


Welding Cylinder 25 P-00

Reinforced Design with a Compressive Force of 100 / 250 / 500 / 1000 N

The type 19 P and 25 P welding cylinders have proven themselves in numerous applications in automatic welding machines of our customers.

We have re-engineered the design, adapted it to newest requirements and matched it to the customer's needs.



Characteristic Features

Pneumatic welding cylinder

Compressive force 100 N / 250 N / 500 / 1000 N, depending on model

Maximum stroke 25 mm

Adjustable stroke length

Adjustable spring-loaded cut-back delay

All bearings are high-accuracy ball bearings

May also be fitted with an electric drive

Integrated axial travel measuring feature with a high-accuracy incremental probe for the measurement of the initial position (presence of the components) and of the depth of penetration (melting stroke)

Measurement resolution down to 1 µm

Integrated micro switch for triggering the welding process (adjustable)

Rugged design in order to achieve a high lifetime and a high welding rate

Well-defined mounting arrangement

May be fitted with electrode holders

Electrode holders with anti-twist protection

Cylinder with end-of-stroke damper

Total length 500 – 580 mm, depending on cylinder

Diameter of welding cylinder 50 mm

Weight 3.4 / 3.6 / 4.0 / 4.5 kg