

Double Welding Head DK 250-P2

With a Compressive Force of 100 / 250 / 500 N for
Capacitor Discharge and Medium Frequency Welding

The double welding heads of the DK-25-PSA series have proven themselves for many years in automatic welding machines.

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

The new redesigned DK 250-P2 features the same installation dimensions as its predecessor DK 25 PSA-P2.

The two models are compatible in every respect and may be interchanged without any problems.



Characteristic Features

Double welding head with two independently controlled welding electrodes

Maximum compressive force 100 N / 250 N / 500 N, depending on model

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

Vernier adjustment of the compressive force from 0 – 100%

Maximum stroke 27 mm

Adjustable stroke length

Uncomplicated head adjustment

Adjustable spring-loaded cut-back delay

All bearings are high-accuracy ball bearings

Actuation by way of pneumatic cylinder

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 0.5 µm

Integrated inductive switch for activating the welding process (adjustable)

Same installation dimensions as DK 25 PSA

Available electrode holders may be used

May be fitted with water-cooled electrode holders

Electrode holders with anti-twist protection

May also be supplied as one-cylinder-model as well as with single or multiple head design