

Single Welding Head EK 2500

With a Compressive Force of 2500 N for
Capacitor Discharge and Medium Frequency Welding



The single welding head EK 2500 permits accurate welding with a compressive force of 200 to 2500 N.

The welding head EK 2500 is so designed, that it may be excellently adapted to the requirements of the customers, such as:

- Stroke
- Free opening
- Electrode holders
- Electrodes
- Actuator
- Path measurement
- Sensor system, etc.

Characteristic Features

Type C design with pneumatic actuator

Welding carriage with high-accuracy linear guide

Quick and dependable coasting due to spring-loaded welding carriage. Suited as well for welding with a very short welding time

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

Choice of welding stroke from 20 – 70 mm, special designs feasible

May be fitted with water-cooled electrode holders

May be fitted with axial path measurement (mechanical or laser), for the measurement of the initial position (presence of the components) and of the depth of penetration (melting stroke)

Maximum compressive force EK 2500: 2500 N

Dimensions (W x D x H): 140 x 330 x 800

Weight: 70 kg
