



PS-3A Stud Welding Gun



The PS-3A stud welding gun allows different welding elements to be welded on metallic workpieces at lightning speed.



PS-3A SOYER automatic stud welding gun for capacitor discharge welding

Description:

The PS-3A automatic stud welding gun is electronically controlled. It welds studs with ignition tip as per EN ISO 13918 accurately on scribed or centre marked surfaces without requiring any auxiliary aids. The studs can either be fed semi-automatically by hand or fully automatically from the UVR-300 or UVR-300S SOYER universal feeder via the feed chute into the stud holder. The sturdy and ergonomically shaped stud welding gun is fully compatible with all stud welding processes.

Technical data:

Welding range:

Studs and pins from M3 - M8 or 2 - 8 mm in diameter and 6 - 40 mm in length

Material:

Steel, stainless steel and brass
(aluminium conditionally, depending on the respective requirements)

Welding process:

Capacitor discharge process (TS) as per EN ISO 14555 with gap welding
Lift infinitely variable from 0 - 5 mm

Type of cooling:

Additional adjustment possibility with support legs and support tube!
Automatic air cooling of stud holder with simultaneous cleaning

Welding, control and air cables:

3 m highly flexible

Total length with stand and support tube:

280 mm

Total height above grip:

138 mm

Gun diameter:

40 mm

Weight:

1.1 kg without cables

Subject to technical changes

SOYER top-of-the-range products awarded the following prizes for



Production



Quality



Technology



Design



Quality Management



International Approval



Safety



EC Conformity