

PS-3K Stud Welding Gun with Support Attachment



PS-3K SOYER stud welding gun with support attachment

Description:

The PS-3K stud welding gun allows the accurate welding of studs and pins with ignition tip as per DIN EN ISO 13918 by using spring pressure. No auxiliary aids are required. This welding gun has been especially designed for use on workpieces with problematical surfaces. The sturdy and ergonomically shaped PS-3K stud welding gun is of a particularly durable design and allows stud welded joints of unequalled welding quality to be produced especially when welding large stud diameters. (For innovative special features, please see over).

Technical data:

Welding range:

Studs and pins from M3 - M12 or 3 - 10 mm in diameter and 8 - 60 mm in length

Material:

Steel, stainless steel and heat-resistant steel

Welding process:

Capacitor discharge process as per DVS information sheet 0903 with contact welding
Spring pressure infinitely variable

Welding and control cables:

3 m highly flexible

Total length with feet:

235 mm

Total height above grip:

138 mm

Total width:

40 mm

Weight:

0.9 kg without cables

Subject to technical changes

Innovative Special Features of the PS-3K Stud Welding Gun with Support Attachment

The new PS-3K SOYER stud welding gun with support attachment is the international yardstick for quality, technology, design and safety. Together with easy operation, the hand welding gun offers a maximum of technical performance advantages for the production of high-quality stud welded joints.

Additional performance features of the PS-3K stud welding gun with support attachment include:

- ▶ Development and production are in compliance with all prescribed safety targets such as
 - the latest safety and accident prevention regulations (Act on the Safety of Technical Working Equipment)
 - electromagnetic compatibility (EMC Act)
 - European regulations (EU Directives on Machinery)
- ▶ Quick conversion to other stud lengths by means of the adjustable support attachment
- ▶ Support attachment is adjustable and allows long and extra-long studs to be welded without the need of using any aids
- ▶ Extreme stud positioning accuracy of +/- 0.1 mm
- ▶ Long service life owing to wear-free guide bush with ball bearing and special surface-hardened and ground, antimagnetic guide piston
- ▶ Impact- and break-proof whole-body synthetic housing
- ▶ Optimum welding quality with all common stud materials even on workpieces with problematic surface coatings
- ▶ Applicable even in narrow locations and areas of difficult access owing to its small compact style
- ▶ Fatigue-proof working and enjoyment in welding due to low weight, optimum ergonomics and exemplary design
- ▶ Problem-free connection to all capacitor discharge stud welders to increase the welding quality

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



Production



Quality



Technology



Design



Quality Management



International Approval



Safety



EC Conformity