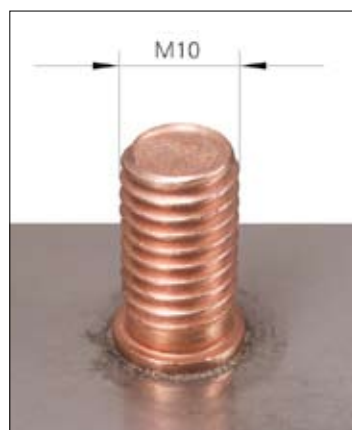


BMS-8NV Stud Welder



BMS-8NV SOYER stud welder for capacitor discharge welding

Description:

The performance and quality features of the new BMS-8NV SOYER stud welder are unequalled in stud welding technology. The lightweight stud welder in compact design allows the safe and problem-free welding of studs up to M10. This stud welder with microprocessor control is a top-quality product meeting highest requirements due to operating convenience and absolute safety. One of the remarkable features of the BMS-8NV stud welder is its very favourable price/efficiency ratio. (For innovative special features, please see over).

Technical data:

Welding range:

M3 – M10 or Ø 3 - 9 mm for studs made of steel and stainless steel
M8 or Ø 8 for studs made of aluminium and brass

Welding process:

Capacitor discharge process (TS) as per EN ISO 14555

Standard gun:

PS-1K positioning welding gun or PS-3K with support attachment

Power source:

Capacitor battery

Charging capacity:

100 000 µF

Charging voltage:

50 - 200 V, infinitely variable up/down

Welding time:

0.001 - 0.003 seconds

Welding sequence:

up to 20 studs/min, depending on stud diameter

Mains supply:

230 V~, - 50 Hz, 5 A / 115 V~, - 60 Hz, 10 A (internally adjustable)

Welding cable:

3 m highly flexible

Earth cable:

2 x 3 m highly flexible

Dimensions:

300 x 120 x 320 mm (w x h x d)

Weight:

10 kg

Colour:

RAL 5009 azure-blue

Subject to technical changes

Innovative Special Features of the BMS-8NV Stud Welder

The BMS-8NV SOYER stud welder is a new top-quality product in the field of stud welding technology guaranteeing first-class welding results when being used with the PS-1K or PS-3K standard gun. The BMS-8NV stud welder is exemplary regarding quality, technology, design and safety.

Additional performance features of the BMS-8NV stud welder include:

- ▶ Development and production fulfil 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)
- ▶ GS/CE/S emblem for verified safety
- ▶ Certificate proof of mentioned safety targets
- ▶ Self-monitoring of all important functions
- ▶ Self-protection against overstress to guarantee a long service life
- ▶ Universally applicable for capacitor discharge stud welding
- ▶ Suitable for gap and contact welding
- ▶ Connection to stationary SK-1K SOYER stud welding head with pedestal device
- ▶ Simplest operation due to infinitely bidirectional regulation of charging voltage by means of keys. The charging voltage is stored automatically
- ▶ Short charging cycles to increase productivity
- ▶ New "charging control" (patent pending, Pat. No. 199 15 396.5) allowing very high welding sequences during continuous application
- ▶ Precise digital display of charging voltage
- ▶ Table at the front panel indicating standard values for different stud diameters
- ▶ Monitoring of all functions by clearly arranged display panel
- ▶ Mobile and stationary application in horizontal or vertical position
- ▶ High capacity reserves in borderline cases and in the case of difficult welding tasks
- ▶ Simple, internal mains voltage change-over 115 VAC/ 230 VAC + 10% - 15 %
- ▶ Transportable with all accessories in the GK-2 SOYER case (optional equipment) owing to its ideal geometry and light-weight construction
- ▶ No negative impairment in case of mains voltage fluctuations
- ▶ New abrasionproof, scratch-resistant and anti-soiling plastic film coating on the front panel to protect all inscriptions even after many years of use

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



Production



Quality



Technology



Design



Stud Manufacture



Quality Management



International Approval



Safety



EC Conformity