



BMS-10N Stud Welder



The BMS-10N stud welder serves as an energy source for welding different welding elements on metallic workpieces



BMS-10N SOYER stud welder for capacitor discharge welding

Description:

The BMS-10N SOYER stud welder can be used for both mobile and stationary application. It is optimally suitable for being operated with welding guns, welding heads and bench welders with manual or automatic stud feed and allows high-quality stud welded joints to be produced. (For innovative special features, please see over).

Technical data:

Welding range:

M3 - M10 or \varnothing 3 - 10 mm with steel and stainless steel, M3 - M8 or \varnothing 3 - 8 mm with aluminium and brass depending on respective requirements

Welding process:

Capacitor discharge process (TS) as per EN ISO 14555 with gap and contact welding

Standard gun:

PS-3 positioning welding gun

Power source:

Capacitor battery

Charging capacity:

88 000 μ F (optionally 132 000 μ F for M10 steel studs)

Charging voltage:

55 – 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, 8 A / 115 V~, - 60 Hz, 16 A (internally adjustable)

Welding cable:

3 m highly flexible

Earth cable:

2 x 3 m highly flexible

Dimensions:

430 x 220 x 430 mm (w x h x d)

Weight:

21 kg

Colour:

RAL 5009 azure-blue

Subject to technical changes