

Butt welders

Technical specifications



Product image

Pneumatic, microprocessor-controlled, water-cooled butt welding. AC: 12, 20, 30 and 60 kVA, 400 V, 2-phase, 50/60 Hz. MFDC: 111 kVA at 20% duty cycle, 500 V, 3-phase, 50/60 Hz.

Product features

- Can be manufactured with different power ratings and designs to suit the application.
- Welding capacity: suitable for Ø2-12 mm wire, profile and pipe welding.

Optional equipment

- Custom electrode

APB111 mf

Values vary by model and application.

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Rated power (%20 DT)	111 kVA
S1P	54 kVA
Rated power (%50 DT)	70 kVA
V2	8,3 V
I2P	6 kA
Jaw spacing	20 mm
Welding jaw advancement	30 mm
Air pressure	2 / 8 bar
Electrode pressure force	240 daN
Welding cylinder thrust force	300 daN
Cooling water inlet temp. (min-max)	16 / 21 °C
Cooling water inlet flow rate (min)	14 lt/min
Transformer cooling type	Air
Weight	210±20 kg
Dimensions (W×L×H)	400×800×1200 mm
Power supply voltage	500 V · 50/60 Hz · 3-phase
Delayed circuit breakers	125 A
Mains cable (≤10 m)	2×35+16 mm²