

Mechanical Foot-Operated Spot Welding

Technical specifications

Mechanically foot-operated spot welding with microprocessor control. APR12M ac and APR20M ac: 12 and 20 kVA (%50 DT), 400 V, 2-phase, 50/60 Hz. Water-cooled welding circuit with an air-cooled transformer.

Product features

- Custom arm lengths are available.
- Welding capacities:
- Steel sheet: 0.4+0.4 / 1.5+1.5 mm
- Steel wire: Ø2+Ø2 / Ø5+Ø5 mm
- Stainless steel sheet: 0.4+0.4 / 1+1 mm

Optional equipment

- S-type electrode

APR12M ac / APR20M ac

Values vary by model and application.



Product image

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Rated power (%50DT)	12 kVA	20 kVA
Secondary voltage	3,8 V	5 V
Short-circuit welding current (max)	8 kA	10 kA
Arm length	500 mm	500 mm
Arm diameter	Ø40 mm	Ø40 mm
Stroke	50 mm	50 mm
Cooling water inlet pressure (min-max)	2 / 5 bar	2 / 5 bar
Cooling water inlet temp. (min-max)	16 / 21 °C	16 / 21 °C
Cooling water inlet flow rate (min)	8 lt/min	10 lt/min
Transformer cooling type	Air	Air
Weight	190±20 kg	210±20 kg
Dimensions (W×L×H)	400×1250×1300 mm	400×1250×1300 mm
Power supply voltage	400 V · 50/60 Hz · 2-phase	400 V · 50/60 Hz · 2-phase
Delayed circuit breakers	35 A	50 A
Mains cable (≤10 m)	2×4+2,5 mm ²	2×6+4 mm ²