

Rocker arm spot welders

Technical specifications

Pneumatic, microprocessor-controlled rocker-arm spot welding. AC models: 12, 20, 30 and 60 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 / 3+3 mm
- Steel wire: Ø2+Ø2 / Ø8+Ø8 mm
- Stainless steel sheet: 0.4+0.4 / 2+2 mm

Optional equipment

- S-type electrode

APR12P ac / APR20P ac / APR30P ac / APR60P ac

Values vary by model and application.



Product image

Rocker arm spot welders

Technical specifications

Technical specifications	APR12P ac	APR20P ac	APR30P ac	APR60P ac
Rated power (%50DT)	12 kVA	20 kVA	30 kVA	60 kVA
Secondary voltage	3,8 V	5 V	5,9 V	7,1 V
Short-circuit welding current (max)	8 kA	10 kA	12 kA	14 kA
Arm length	500 mm	500 mm	500 mm	500 mm
Arm diameter	Ø50 mm	Ø50 mm	Ø50 mm	Ø50 mm
Stroke	50 + 25 mm	50 + 25 mm	50 + 25 mm	50 + 25 mm
Piston diameter	Ø80 + Ø80 mm	Ø80 + Ø80 mm	Ø80 + Ø80 mm	Ø80 + Ø80 mm
Air pressure	2 / 8 bar	2 / 8 bar	2 / 8 bar	2 / 8 bar
Electrode pressure force	550 daN	550 daN	550 daN	550 daN
Cooling water inlet pressure (min-max)	2 / 5 bar	2 / 5 bar	2 / 5 bar	2 / 5 bar
Cooling water inlet temp. (min-max)	16 / 21 °C	16 / 21 °C	16 / 21 °C	16 / 21 °C
Cooling water inlet flow rate (min)	8 lt/min	10 lt/min	12 lt/min	14 lt/min
Transformer cooling type	Air	Air	Air	Air
Weight	230±20 kg	250±20 kg	270±20 kg	290±20 kg
Dimensions (W×L×H)	400×1250×1300 mm	400×1250×1300 mm	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	400 V · 50/60 Hz · 2-phase	400 V · 50/60 Hz · 2-phase
Delayed circuit breakers	35 A	50 A	63 A	125 A
Mains cable (≤10 m)	2×4+2,5 mm ²	2×6+4 mm ²	2×16+6 mm ²	2×35+10 mm ²