

CNC Sink Seam Welding Machine

Technical specifications

Our CNC sink seam welding machine delivers high-quality, repeatable welds when joining the sink bowl to the top panel. Our CNC sink seam welding machines are designed for your requirements and manufactured with transformer power and dimensions tailored to your application. AC and MFDC options are available according to your needs. Alongside sink seam welding, we also offer a CNC polishing machine solution.

Product features

- CNC-controlled welding movements
- Consistent welding quality
- Low distortion
- Reduced operator dependency
- High production capacity
- Quick changeover between sink models
- Design suited to stainless steel applications

Optional equipment

- Application-specific transformer power and machine dimensions
- AC or MFDC welding technology
- Complementary CNC polishing machine solution

APS/CNC180 ac / APS/CNC266 mf

Values vary by model and application.



Product image

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Power (20% duty cycle)	277 kVA	266 kVA
S1P (continuous power)	138 kVA	125 kVA
Power (50% duty cycle)	180 kVA	168 kVA
Secondary voltage (V2)	10 V	10,2 V
Secondary current (I2P)	28 kA	9,5 kA
Arm length	1000 mm	1000 mm
Table dimensions	800 × 2200 mm	800 × 2200 mm
Piston diameter	Ø80 mm	Ø80 mm
Air pressure	2 / 8 bar	2 / 8 bar
Electrode force (6 bar)	300 daN	300 daN
Cooling water inlet temperature (min-max)	18 / 20 °C	18 / 20 °C
Cooling water inlet flow (min)	28 l/min	28 l/min
Transformer cooling	Water	Water
Weight	4200±100 kg	4120±500 kg
Dimensions (W×L×H)	3800 × 2850 × 2450 mm	3800 × 2850 × 2450 mm
Supply voltage	400 V · 50/60 Hz · 2 phase	500 V · 50/60 Hz · 3 phase
Time-delay mains fuse	400 A	250 A
Seam welding speed	1-6 m/min	1-6 m/min
Supply cable (≤10 m)	2×150+70 mm ²	2×95+50 mm ²