



- Weldable stud range 3-20 mm
- Max. current 1800 A
- Max. time 1500 ms
- Robust housing
- For shear connectors and threaded studs up to 20 mm

Technical data		Description
Stud welding with ceramic ferrule Weldable stud range \varnothing (mm)	3 - 20	Self-diagnosis: overheating, short circuit control, mains phase failure and malfunction of pilot arc
Short cycle stud welding Weldable stud range \varnothing (mm)	3 - 12	Fully controlled power source with thyristor bridge
Stud welding with shielding gas Weldable stud range \varnothing (mm)	3 - 16	Microprocessor controlled
Max. current [A]	1800	Constant current regulation
Current setting range [A]	150 - 1600	Repeat cycle lock
Time setting range [ms]	20 - 1500	Mains connection special voltages [V]: optional
Storage of parameters:	20	Dust and moisture protection of control unit
Shielding gas pre-flow time [ms]	100 - 2000	Steel housing, powder-coated
Max. stud/min. at ... \varnothing (mm)	50/3, 2/20	Shielding gas equipment
Mains connection 50/60 Hz 3-phase [V]	230/400	Stud counter: standard
Mains plug at 400 V [A]	63	Interface for automatic components: optional
4-wire mains cable at 400 V (m/mm ²)	5/10	Menu: various languages
Mains fusing time-lag at 230/400 V [A]	100/63	
Mains power consumption at ...% ED [kVA]	2,25/9/100 121/59/17	
Tolerance range mains voltage [%]	-15 / +6	
Class of protection	IP 23	
Cooling	F	
Housing dimensions (L x B x H) mm	700 x 415 x 660	
Swivel castors/fixed castors	2/2	
Handle	1	
Lifting eye	2	
Weight (abt. kg)	160	