



# ELOTOP 1710

- Weldable stud range 3–20 mm
- Max. current 1800 A
- Max. time 1500 ms
- Robust housing

## Technical data

Stud welding with ceramic ferrule, weldable stud range Ø (mm)	3–20
Short cycle stud welding, weldable stud range Ø (mm)	3–12
Stud welding with shielding gas, weldable stud range Ø (mm)	3–16
Max. current (A)	1800
Current setting range (A)	150–1600
Time setting range (ms)	20–1500
Gas pre-flow time (ms)	100–2000
Storage of parameters	20
Max. stud/min. at ... Ø	50 /3 2 /20
Mains connection 50/60 Hz, 3-phase	230/400
Mains plug at 400 V (A)	63
4-wire mains cable at 400 V	5/10
Mains plug at 400 V (A)	100/63
Mains power consumption at ...% ED	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 (kg)	approx. 160

- Self-diagnosis: Overheating, short circuit control, mains phase failure and malfunction of pilot arc
- Fully controlled power source with thyristor bridge
- Microprocessor controlled
- Constant current regulation
- Repeat cycle lock
- Mains connection Special voltages (V): optional
- Dust and moisture protection of control unit
- Steel housing, powder-coated
- Shielding gas equipment: optional
- Stud counter: standard
- Interface for automatic components: optional
- Menu: selection of various languages



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