

INOTOP 1704

KÖCO-COMPACT STUD WELDING EQUIPMENT



- Weldable stud range 3-20 mm
- Max. current 1800 A
- Max. time setting 1500 ms
- High-performance process control
- For shear connectors and threaded studs
- 1-gun system

Technical data

Stud welding with ceramic ferrule Weldable stud range $\varnothing$ (mm)	3 - 20
Short cycle stud welding Weldable stud range $\varnothing$ (mm)	3 - 12
Stud welding with shielding gas Weldable stud range $\varnothing$ (mm)	3 - 16
Max. current (A)	1800
Current setting range (A)	160 - 1600
Time setting range (ms)	20 - 1500
Max. stud/min. at ... $\varnothing$ (mm)	50/3, 2/20
Mains connection 50/60 Hz 3-phase (V)	230/400
Mains plug at 400 V (A)	63
4-wire mains cable at 400 V (m/mm ²)	5/10
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 450 x 770
Swivel castors/fixed castors	2/2
Handle	1
Lifting eye	2
Weight (abt. kg)	160

Description

- Fully controlled power source with thyristor bridge
- Connection for 1 gun
- Stud welding gun ELETRONIC integrated in the control loop of the power source
- Interface for data export of welding parameters
- Standard welding programmes pre-set
- Connection of CLASSIC-guns possible
- Self-diagnosis: overheating, short circuit control, mains phase failure and malfunction of pilot arc
- 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
- Interface for automatic components: optional