

INOTOP 3004-1

KÖCO-COMPACT STUD WELDING SYSTEM



- Weldable stud range 6-25 mm
- Max. current 3500 A
- Max. time setting 2000 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)	6 - 25
Short cycle stud welding Weldable stud range $\varnothing$ (mm)	6 - 12
Stud welding with shielding gas Weldable stud range $\varnothing$ (mm)	3 - 16
Max. current (A)	3500
Current setting range (A)	260 - 2600
Time setting range (ms)	20 - 2000
Max. stud/min. at ... $\varnothing$ (mm)	50/6, 6/25
Mains connection 50/60 Hz 3-phase (V)	230/400
Mains plug at 400 V (A)	125
4-wire mains cable at 400 V (m/mm ²)	5/16
Mains fusing time-lag at 230/400 V (A)	200/125
Mains power consumption at ...% ED (kVA)	8/13/100 187/145/52
Tolerance range mains voltage (%)	-15 / +6
Class of protection	IP 23
Cooling	F
Housing dimensions (L x B x H) mm	1150 x 610 x 830
Swivel castors/fixed castors	2/2
Handle	1
Lifting eye	2
Weight (abt. kg)	380

Description

- Fully controlled power source with thyristor bridge
- 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