

**KOCO**

More than just  
stud welding.

**Strength  
that leaves  
its mark.**



**ELOTOP + 25** *Grizzly*

**Efficient quality assurance.  
Active process control.**

 product highlights

# ELOTOP + 25 *Grizzly*

- + Self-diagnostics for: Overtemperature, short circuit in control cable, mains phase failure and pilot current fault
- + Fully-controlled thyristor bridge
- + Microprocessor-controlled
- + Constant current control
- + Retriggering safety device
- + Mains connection special voltages (V): optional
- + Control unit protected against dust and moisture
- + Steel housing, powder-coated
- + Stud counter
- + Connection of automatic components: optional
- + Menu navigation: multilingual
- + Parameter library for head bolts
- + Process control based on current, voltage and lift curves; evaluation based on mean values and deviations
- + Parameter documentation/saving of process data and curves in 'CSV format'; USB port
- + Save error logs for service purposes
- + Support for all existing and future KÖCO lifting systems
- + Display of protrusion in conjunction with a stud welding gun with measuring sensors
- + Display lock
- + Can be expanded in the future with additional modules such as LTE, automation interface, etc.

\* only applies to standard 400V configuration with supplied cable/mains plug (without extension of the mains and welding cables; larger cable cross-sections are required for  $\leq 230V$  mains voltage)

\*\* to be interpreted individually, local regulations and conditions must be observed

a: unless otherwise stated, for all available voltages

b: The permissible lengths for mains and welding cable extensions can be increased if welding is carried out at a lower current than specified. If the power supply is weak, it may not be possible to fully utilise the maximum lengths of the mains and welding cable extension together.

## TECHNICAL DATA<sup>a</sup>

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Stud diameter (Ø) for stud welding with ceramic ring	6-25 mm
Stud diameter (Ø) for short cycle stud welding	-
Stud diameter (Ø) for gas-shielded stud welding	6-16 mm
Protective gas equipment	optional
Continuous current setting range	300-2600 A
Continuous time setting range	100-2000 ms
Shielding gas pre-flow time (ms)	100-2000 ms
Shielding gas post-flow time (ms)	100-1000 ms
Storage option (parameter sets)	2x20
Max. studs/min.	55/min at 6 mm Ø * 7/min at 25 mm Ø *
Mains connection	Three-phase current 50/60 Hz
Mains plug (400 V) CEE	125 A
Appliance connection cable (400V) with 5 m length	16 mm <sup>2</sup>
Appliance connection cable (208V/230V/460V)	- **
Slow-blow mains fuse (400 V)	125 A
Slow-blow mains fuse for special voltage devices (208 V / 230 V / 460 V)	200 A/150 A/100 A **
Mains power consumption (P <sub>1max</sub> )	225 kVA
Max. welding cable length with specified welding current and cross-section <sup>b</sup>	2000 A / 50 m at 120 mm <sup>2</sup>
Mains voltage tolerance	-15/+6 %
Protection type	IP 23
Protection class	I
Cooling type	AF
Storage temperature range	-20 °C to +70 °C
Relative humidity	up to 50 % at 40°C up to 90 % at 20°C
Housing dimensions (L x W x H) mm	920x610x975
Castor wheels/fix wheels	2/2
Handle	1
Crane eye	2
Weight (kg)	approx. 490 kg
Welding gun connections	2
Earth sockets	4

# Interested? Get in touch with us!

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