

**KOCO**



Stud welding you can rely on.

# ELOTOP + SERIES

ELOTOP + 13 *Raccoon*

ELOTOP + 22 *Fox*

ELOTOP + 25 *Tiger*

ELOTOP + 25 *Grizzly*

# ELOTOP<sup>+</sup> Series Overview



TECHNICAL DATA	ELOTOP + 13 <i>Raccoon</i>	ELOTOP + 22 <i>Fox</i>
Stud welding with ceramic ferrule, weld area Ø (mm)	3-14	3-22
Short-cycle stud welding, weld area Ø (mm)	3-10	3-12
Shielding gas stud welding, weld area Ø (mm)	3-12	3-16
Infinitely variable current setting range (A)	150-1000	300-2000
Shielding gas equipment	included	optional
Infinitely variable time setting range (ms)	100-1000	100-1500
Shielding gas pre-flow time (ms)	100-2000	100-2000
Shielding gas post-flow time (ms)	100-1000	100-1000
Storage options (parameter sets)	20	20
Max. studs/min. for ... Ø	49/3 4/14	52/3 4/22
Mains connection: 50/60 Hz, three-phase current	208/230/400/460	208/230/400/460
CEE mains plug	32A	63A
Mains cable	5 m/4 mm <sup>2</sup>	5 m/16 mm <sup>2</sup>
Slow-blow mains fuse at 400 V (A)	35	63/80
Mains input power at ...% ED (kVA)	2,5/7/100 73/43/12	2,5/7/100 156/93/25
Mains voltage tolerance	-15/+6	-15/+6
Protection class	IP 23	IP 23
Type of cooling	F	F
Housing dimensions (LxWxH) mm	555x308x535	805x430x730
Castor wheels/fixed wheels	2/2	2/2
Handle	2	1
Crane lugs	2	2
Weight (kg)	approx. 85 kg	approx. 190 kg
Welding gun connections	1	1

## Highlights of the ELOTOP+ Series

- + Self-diagnostics for: excessive temperature, short-circuit control line, mains phase failure and pilot current fault
- + Fully controlled thyristor bridge
- + Microprocessor-controlled
- + Constant current control
- + Re-activation protection
- + 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 studs
- + Process control based on current, voltage and stroke curves; evaluation based on mean values and deviations
- + Parameter documentation/storage option for process data and curves in "CSV format"; USB port
- + Saving of error logs for service purposes
- + Digital gun interface for K+ guns and new welding heads
- + Display of projection in connection with a stud welding gun with measuring sensors
- + Display lock
- + Will be expanded in the future with additional modules such as LTE, automation interface, etc.

TECHNICAL DATA	ELOTOP + 25 <i>Tiger</i>	ELOTOP + 25 <i>Grizzly</i>
Stud welding with ceramic ferrule, weld area Ø (mm)	6-25	6-25
Short-cycle stud welding, weld area Ø (mm)	3-12	3-12
Shielding gas stud welding, weld area Ø (mm)	3-16	3-16
Infinitely variable current setting range (A)	300-2600	300-2600
Shielding gas equipment	optional	optional
Infinitely variable time setting range (ms)	100-2000	100-2000
Shielding gas pre-flow time (ms)	100-2000	100-2000
Shielding gas post-flow time (ms)	100-1000	100-1000
Storage options (parameter sets)	20	20
Max. studs/min. for ... Ø	50/6 6/25	55/6 7/25
Mains connection: 50/60 Hz, three-phase current	208/230/400/460	208/230/400/460
CEE mains plug	125A	125A
Mains cable	5 m/16 mm <sup>2</sup>	5 m/16 mm <sup>2</sup>
Slow-blow mains fuse at 400 V (A)	125	125
Mains input power at ...% ED (kVA)	8/13/100 187/145/52	10/17/100 225/173/62
Mains voltage tolerance	-15/+6	-15/+6
Protection class	IP 23	IP 23
Type of cooling	F	F
Housing dimensions (LxWxH) mm	920x610x975	920x610x975
Castor wheels/fixed wheels	2/2	2/2
Handle	1	1
Crane lugs	2	2
Weight (kg)	approx. 380 kg	approx. 490 kg
Welding gun connections	1	2

# Interested? Get in touch!

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