COX STUD WELDING

ELOTOP+252

THE ULTIMATE POWERHOUSE

TECHNICAL DATA	ELOTOP+ 252
Stud diameter (Ø)with Ferrule	1/4"-1-1/4" (6-25mm)
Stud diameter (Ø) Short Cycle	1/4"-1/2" (6-12mm)
Stud diameter (Ø) Short Cycle (Shielding Gas)	1/4"-5/8" (6-16mm)
Shielding Gas	Optional
Maximum Current	3,500 A
Current Setting Range (Stepless)	300-2600 A
Time Setting Range (Stepless)	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)	2 x 20
Max. studs/min	18-24/min at 1/2" Ø 6-8/min at 1" Ø
Input Voltage	208/230/460
Fusing Requirements (Time-Delay)	225/200/100
Mains power consumption (Max)	225 kVA
Mains voltage tolerance	-15/+6 %
Protection type	IP 23
Cooling type	Fan
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)	36" x 24" x 38"
Castor wheels/fixed wheels	2/2
Handle	1
Crane eye	2
Weight	1,080 lbs (490 kg)
Welding gun connections	2
Grounds	4



ELOTOP+ Series

PRODUCT HIGHLIGHTS

+ Self-diagnostics for: Over-temperature, short circuit in control cable, mains phase failure and pilot current fault
+ Fully-controlled thyristor bridge
+ Microprocessor-controlled
+ Constant current control
+ Re-triggering 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
+ 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.