COX STUD WELDING

# ELOTOP+22

## *INDUSTRIAL GRADE*

| TECHNICAL DATA | ELOTOP+ 22 |
|---|---|
| Stud diameter (Ø)with Ferrule | 1/4"-7/8" (6-22mm) |
| 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 | 2,300 A |
| Current Setting Range (Stepless) | 300-2000 A |
| Time Setting Range (Stepless) | 100-1500 ms |
| Shielding gas pre-flow time (ms) | 100-2000 ms |
| Shielding gas post-flow time (ms) | 100-1000 ms |
| Storage option (parameter sets) | 20 |
| Max. studs/min | 45/min at 1/4" Ø<br>4/min at 7/8" Ø |
| Input Voltage | 208/230/460 |
| Fusing Requirements (Time-Delay) | 150/125/60 |
| Mains power consumption (Max) | 156 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<br>up to 90% at 20°C |
| Housing dimensions (L x W x H) | 32" x 17" x 29" |
| Castor wheels/fixed wheels | 2/2 |
| Handle | 1 |
| Crane eye | 2 |
| Weight | 420 lbs (190 kg) |
| Welding gun connections | 1 |
| Grounds | 2 |




## 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.