

SC1400 STUD WELDING SYSTEM



Made In the USA

DESCRIPTION

The SC1400 is fully integrated stud welding system with digital controls for time and current. This system was designed to be a perfect fit for shop use excelling at small to medium-sized diameter studs, all in a compact, affordable package.

Includes;

1400 Amp Power Supply, TWE18500 Medium Duty stud gun, 35 feet of 2/0 weld and control cable and 25 feet of 2/0 ground cable.

** Specifications are subject to change without prior notice

Version 1.3 10/20/2010

FEATURES

Weld Range	1/4" - 5/8" Diameter	Consistent welding regardless of stud diameter.
Duty Cycle	1/4" Thru 3/8" - Unlimited 1/2" - 22 to 24 per minute 5/8" - 9 to 10 per minute	<ul style="list-style-type: none"> • Smooth arc curve targeted for small to medium-sized diameter studs. • Enhanced Duty Cycle for production requirements. • Capable of up to 100 feet of 2/0 welding cable accommodates a large variety of work station layouts. • Stepless time and current control allow for infinite settings for fine-tuning the welding output. • Stud Job Counter that can be reset for every job.
Dimensions	Height Width Length Weight	22" (559mm) 25" (635mm) 30" (762mm) 380 Lbs. (172kg)
Input Voltages		230 / 460 / 575 VAC 3 Phase 60Hz
Fusing Requirements	(Slow Acting)	230 / 120 Amps 460 / 60 Amps 575 / 50 Amps

SC1600 STUD WELDING SYSTEM



Made In the USA

DESCRIPTION

The SC1600 is fully integrated stud welding system with digital controls for time and current. This system was designed to be a perfect fit for shop use excelling at small to medium-sized diameter studs, all in a compact, affordable package.

Includes;

1600 Amp Power Supply, TWE17000 Heavy Duty stud gun, 35 feet of 4/0 weld and control cable and 25 feet of 4/0 ground cable.

** Specifications are subject to change without prior notice

Version 1.3 10/20/2010

FEATURES

Weld Range	1/4" - 3/4" Diameter	Consistent welding regardless of stud diameter.
Duty Cycle	1/4" Thru 3/8" - Unlimited 1/2" - 22 to 24 per minute 5/8" - 9 to 10 per minute 3/4" - 4 to 5 per minute	<ul style="list-style-type: none"> Smooth arc curve targeted for small to medium-sized diameter studs. Enhanced Duty Cycle for production requirements. Capable of up to 100 feet of 4/0 welding cable accommodates a large variety of work station layouts. Stepless time and current control allow for infinite settings for fine-tuning the welding output.
Dimensions	Height Width Length Weight	22" (559mm) 25" (635mm) 30" (762mm) 380 Lbs. (172kg)
Input Voltages		230 / 460 / 575 VAC 3 Phase 60Hz
Fusing Requirements	(Slow Acting)	230 / 120 Amps 460 / 60 Amps 575 / 50 Amps

SC2400 STUD WELDING SYSTEM

Heavy Duty Steel Fabrication Shop Stud Welding System



Made In the USA

DESCRIPTION

The SC2400 is a fully integrated stud welding system with two digital controls for time and current. The system was designed to meet the most challenging stud welding jobs.

Includes;

Power Supply Controller, TWE17000 Heavy Duty stud gun, 50 feet of 4/0 weld and control cable and 25 feet of 4/0 ground cable

FEATURES

Weld Range	1/4" - 1" Diameter	Consistent welding regardless of stud diameter.
Duty Cycle	1/4" Thru 5/8" - Unlimited 3/4" - 18 to 24 per minute 7/8" - 12 to 14 per minute 1" - 6 to 8 per minute	<ul style="list-style-type: none"> Enhanced Duty Cycle for production requirements. Powerful output for even the largest diameter jobs. Stepless time and current control allow for infinite settings for fine-tuning the welding output. Safety welding interlock keeps system from double triggering and saves on chuck wear. Stud Job Counter that can be reset for every job.
Dimensions	Height Width Length Weight	29" (736.6mm) 28" (711.2mm) 36" (914.4mm) 665 Lbs. (302kg)
Input Voltages		230 / 460 / 575 VAC 3 Phase 60Hz
Fusing Requirements	(Slow Acting)	230 / 180 Amps 460 / 90 Amps 575 / 80 Amps

** Specifications are subject to change without prior notice

Version 1.3 10/20/2010

SC2402 STUD WELDING SYSTEM

Heavy Duty Steel Fabrication Shop Stud Welding System



Made In the USA

DESCRIPTION

The SC2402 is a fully integrated stud welding system with two digital controls for time and current. The system was designed to meet the most challenging stud welding jobs, including thru-deck applications (this also includes G90 decking).

Includes;

Power Supply Controller, TWE17000 Heavy Duty stud gun, 50 feet of 4/0 weld and control cable and 25 feet of 4/0 ground cable

FEATURES

Weld Range	1/4" - 1" Diameter	Consistent welding regardless of stud diameter.
Duty Cycle	1/4" Thru 5/8" - Unlimited 3/4" - 18 to 24 per minute 7/8" - 12 to 14 per minute 1" - 6 to 8 per minute	<ul style="list-style-type: none"> Enhanced Duty Cycle for production requirements. Powerful output for even the largest diameter jobs. Stepless time and current control allow for infinite settings for fine-tuning the welding output. Safety welding interlock keeps system from double triggering and saves on chuck wear. Stud Job Counter that can be reset for every job.
Dimensions	Height Width Length Weight	29" (736.6mm) 28" (711.2mm) 36" (914.4mm) 760 Lbs. (345kg)
Input Voltages		380 / 400 VAC 3 Phase 50Hz
Fusing Requirements	(Slow Acting)	380 / 100 Amps 400 / 100 Amps

** Specifications are subject to change without prior notice

Version 1.3 10/20/2010

SC3400 STUD WELDING SYSTEM



Made In the USA

DESCRIPTION

The SC3400 is a fully integrated stud welding system with two digital controls for time and current. The system was designed to meet the most challenging stud welding jobs, including thru-deck applications (this also includes G90 decking).

Includes;

3000 Amp power supply, TWE17000 Heavy Duty stud gun, 50 feet of 4/0 weld and control cable and 25 feet of 4/0 ground cable.

FEATURES

Weld Range	1/4" - 1" Diameter	Consistent welding regardless of stud diameter.
Duty Cycle	1/4" Thru 5/8" - unlimited 3/4" - 22 to 24 per minute 7/8" - 16 to 18 per minute 1" - 12 to 14 per minute	<ul style="list-style-type: none"> • Smooth arc curve allows for the wide range of welding. • Enhanced Duty Cycle for production requirements. • Powerful output for even the largest diameter jobs. • Stepless time and current control allow for infinite settings for fine-tuning the welding output. • Safety welding interlock keeps system from double triggering. • Stud Job Counter that can be reset for every job.
Dimensions	Height Width Length Weight	28" (736.6mm) 29" (711.2mm) 36" (914.4mm) 760 Lbs. (345kg)
Input Voltages		230 / 460 / 575 VAC 3 Phase 60Hz 400 VAC 3 Phase 50Hz
Fusing Requirements	(Slow Acting)	230 / 200 Amps 460 / 100 Amps 575 / 90 Amps

** Specifications are subject to change without prior notice

Version 1.3 10/20/2010

SC3402 DUAL-GUN STUD WELDING SYSTEM



Made In the USA



DESCRIPTION

The SC3402 is fully-integrated, dual-gun, stud welding system with two digital controls for time and current. The system was designed to meet the most challenging stud welding jobs, including thru-deck applications (this also includes G90 decking).

Includes;

3000 Amp power supply, two (2) TWE17000 heavy duty stud guns, two (2) cable sets of 50-ft. of 4/0 weld and control cable, and two (2) sets of 25-ft. 4/0 ground cable.

FEATURES

Weld Range	1/4" - 1" Diameter	Consistent welding regardless of stud diameter.
Duty Cycle	1/4" Thru 5/8" - unlimited 3/4" - 22 to 24 per minute 7/8" - 16 to 18 per minute 1" - 12 to 14 per minute	<ul style="list-style-type: none"> Smooth arc curve allows for the wide range of welding. Enhanced Duty Cycle for production requirements. Powerful output for even the largest diameter jobs. Stepless time and current control allow for infinite settings for fine-tuning the welding output. Safety welding interlock keeps system from double triggering. Stud Job Counter that can be reset for every job.
Dimensions	Height Width Length Weight	28" (736.6mm) 29" (711.2mm) 36" (914.4mm) 875 Lbs. (397kg)
Input Voltages		230 / 460 / 575 VAC 3 Phase 60Hz 400 VAC 3 Phase 50Hz
Fusing Requirements	(Slow Acting)	230 / 200 Amps 400 / 100 Amps 460 / 100 Amps 575 / 90 Amps

** Specifications are subject to change without prior notice

Version 1.3 10/20/2010

GENERATOR STUD WELDING SYSTEM

Heavy Duty Steel Stud Welding System



Made In the USA

The **TRU-WELD** Diesel Generator is a fully-integrated, stud welding system that offers portability along with your stud welding needs. This system incorporates a SC3400 Heavy Duty Stud Welder with its own portable power source, which enables you to finish jobs effectively and efficiently, without the costly task of disconnecting the power and moving the unit as the job requires.

SYSTEM FEATURES

- Aluminum weather enclosure
- Full sound attenuation
- Critical Sound muffler
- Block engine heater
- Battery charger
- Electronic governor
- Auto-Start control w/over-speed and over-crank shut down
- Automatic low-water shut down
- Alternator w/Permanent Magnet Generator and Automatic Voltage Control
- Two (2) 120 VAC outlets



Version 1.3 10/20/2010

SPECIFICATIONS

Power	480 VAC, 3 Phase
Amp Load Capacity	300 Amps
Generator	256 KVA
Circuit Breaker	350 Amp (Main Line)

** Specifications are subject to change without prior notice

SYSTEM INCLUDES;

- Mobile Generator
- SC3400 Heavy Duty Welder
- TWE17000 Heavy Duty Stud Gun
- 25 ft. 4/0 ground cable w/clamp
- 50 ft. 4/0 starter combo cable
- 100 ft. 4/0 combo cable

