

TRUWELD SJ205-T4 PORTABLE GENERATOR SYSTEM



Features:

- Generator stud welding system: 480 Volts, 3 phase
- Amp load capacity 300 Amps
- 256 KVA Tier 4 Final generator system
- Aluminum weather enclosure powdered coated paint
- Full sound attenuation
- Critical sound muffler
- Block engine heater
- Battery charger
- 100 gallon integrated fuel tank
- Auto start control with over speed and over crank shut-down
- Automatic low water shut-down
- Electronic governor
- Alternator w/ Permanent Magnet Generator and Automatic Voltage Control
- 150 Amp main stud machine breaker, 200 Amp auxiliary breaker
- 2 ea. 120 VAC, 20A receptacles
- Dual axle trailer mounted
- System weight (dry): 9,500 Lbs.

TW6902 Stud welding dual gun system including:

- Power supply
- 2ea. Heavy Duty stud gun
- 2ea. 50ft 4/0 ground cable w/clamp
- 4ea. 75ft 4/0 combo cables (150 ft of cable for each stud gun)
- FOB: Ohio



DETAILED INFORMATION

1) Trailer mounted unit:

Unit weight 9,500 lbs (dry)

Surge braking system for greater stability and security

15,000 lb. trailer rating

Diamond plate fenders (removable for easy replacement)

Pintle hitch equipped.

100 gallons integrated fuel tank

2) Engine: Cummins 9-Liter, Tier 4 Final

3) Critical application vibration isolated muffler integrated into the weatherproof housing.

4) Marathon alternator model 431PSL6206

5) Instrument panel engine information availability

Engine RPM

Engine total run time

Engine total number of starts

Engine battery voltage output

Engine alternator voltage output

Oil pressure

Oil temperature

Coolant temperature

Coolant pressure

Turbo pressure

Exhaust temperature

Manifold temperature

Fuel temperature

Fuel pressure

Real time fuel consumption rate

Lifetime fuel consumption used



6) Engine shutdown safety protection

Over speed

Low oil pressure

Low oil level

Low water level

Over temperature

7) Instrument panel alternator information availability

Hertz output

Voltage output per phase to ground

Voltage output phase to phase

Metering of amperage draw under load

Metering of KW and KVA draw under load

Historical lifetime average KW and KVA draw on alternator

8) 150 Amp main stud machine breaker, 200 Amp auxiliary breaker

9) Two (2) 120 VAC, 20A utility outlets with separate circuit breakers

10) Weather proof/sound attenuated insulated aluminum housing covering both generator and stud welding system. All housing doors are lockable for security.

11) Convenient small access doors integrated into the main housing doors for easy access to the diesel control panel and the stud welder control panel. These doors are windowed and located next to each other on the side of the housing so all controls can be seen without opening the door. This eliminates the need to open the main doors of the housing to make any adjustments to the stud welder or to monitor the diesel/alternator panel.

12) Four (4) lifting hooks positioned for best balance pick up. Two of the any two diagonal hooks can support the weight of the entire unit. This provides better balance pick up and eliminates the riggers from having to attempt a safe pick up from a single center lifting hook.

13) Other features which are included:

Engine block heater, Battery trickle charger

Easy access drains for coolant, oil, and fuel water bleed

Tool storage box mounted on tongue of trailer

Housing doors lift off removable for easy servicing.