



## Diesel Generator



*Efficient, Quiet, and Clean*

The Diesel Generator Welding System provides power for our stud welding systems when no source is available. Our integrated systems come equipped with a certified Tier IV diesel Cummins engine that can run all day to support your stud welding needs. The advanced Cummins engine doesn't require a diesel particulate filter (DPF) so no wasted time cleaning the filter. The systems are offered in either a trailer, or skid mounted configuration that include room for the welding system and all the accessories required. The features and benefits include:

**Emissions** - Complies with U.S. EPA Tier IV Standards

**Heavy Duty** - steel construction with durable locking panels

**Stainless Steel** - control panel with AC meters and digital display

**Electric brakes** (trailer only)

**Protection** – Engine monitors oil pressure, temperature, water level, and engine speed

**Finish** – Sherwin Williams KEM Lustral Vermillion paint (custom paint jobs available)

**Capacity** – Dual 7000 lbs axles

**Cold Start** – 120V 2000W block heater

### Applications

- Remote locations where stud welding is required
- Building construction
- Bridge construction

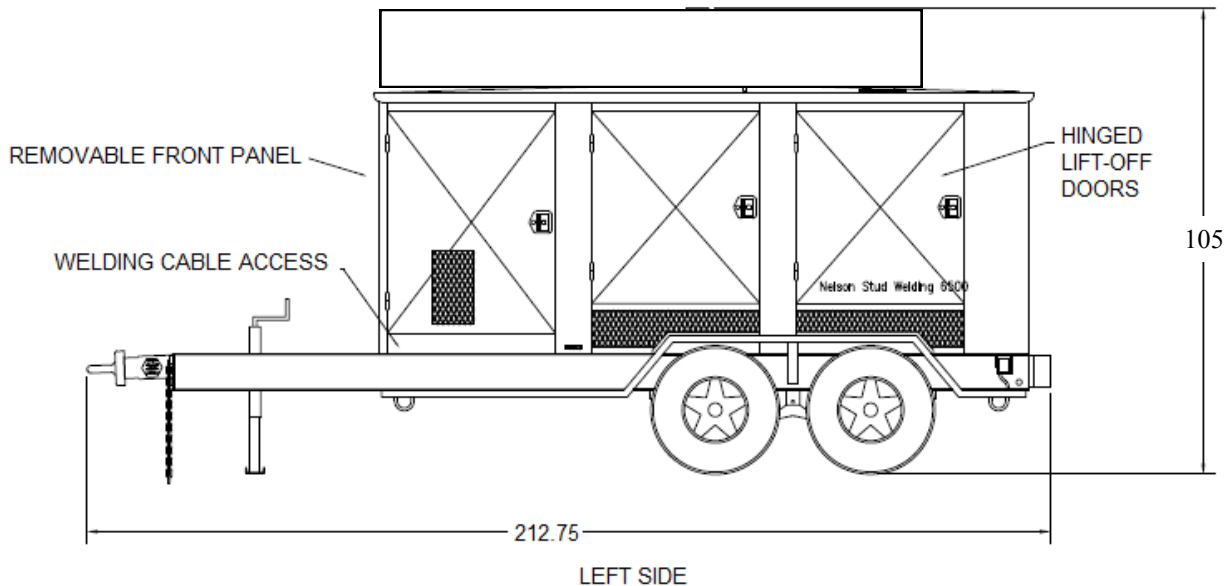
### Options

- Skid mounted diesel generator weld system
- Basic sound insulation package
- Ultra quiet sound insulation option (73 dBA @ 23' under load)
- Extra capacity fuel tank
- Auxiliary disconnect with extra receptacles



**Technical Data**

|   | Diesel Generator Welding System                       |  |
|---|---|--|
|   | Trailer Mount   | Skid Mount   |
| <b>Dimensions</b>                       | 105"H x 76"W x 212"L<br>(2,667mm x 1,930mm x 5,385mm) | 86"H x 55"W x 142"L<br>(2,185mm x 1,400mm x 3,607mm) |
| <b>Dry Weight (no fuel)</b>             | 9,660lbs (4,382kg)                                    | 8,960lbs (4,065kg)                                   |
| <b>Output Voltage</b>                   | 3 $\phi$ , 266/460 Volts                              |  |
| <b>Power</b>                            | 275 Kilowatts   |  |
| <b>Current</b>                          | Idle 400 Amps   |  |
| <b>120V Circuit Breaker</b>             | GFI   |  |
| <b>Stud Welder Circuit Main Breaker</b> | 225A  |  |
| <b>Safety Standard Compliance</b>       | Meets all Federal and State requirements              |  |
| <b>Fuel Tank Capacity</b>               | 100gal (378L)   |  |
| <b>Trailer Capacity</b>                 | 14,000lbs   |  |
| <b>Warranty</b>                         | 1 Year  |  |



**USA**

7900 West Ridge Road  
Elyria, OH 44036-2019  
Telephone: 800.635.9353  
Fax: 440.329.0526  
www.NelsonStudWelding.com

**Germany**

Phone: 49.2332.661.0

**France**

Phone: 33.1.34.11.94.00

**Italy**

Phone: 39.11.6059230

**China**

Phone: 86.22.26371514

**Canada & Mexico**

Phone: 800.635.9353

**Great Britain**

Phone: 44.1296.433500