



Diesel Generator Site Welding System

Nelson® Series

6500

System Configuration

Trailer Mount #750-541-100

Dimensions 102"H x 76"W x 210"L
(2590mm x 1930mm x 5334mm)

Weight 8500 lbs. dry weight, (3855kg)

Skid Mount #750-541-510

Dimensions 83"H x 52"W x 150"L
(2108mm x 1320mm x 3810mm)

Weight 7500 lbs. dry weight, (3400kg)

Series 6000 Specifications

Transformation Rating	7600 amps
Stud Range	5/16"–1" (8mm–25mm)
Input voltage	230/460/550v, 50/60hz. (101 & 201) 346/380/415v, 50/60hz. (101 & 201) 220/380/440v, 50/60hz. (101 only)
Fusing	400 amp @ 230v 200 amp @ 460v & 550v
Timing Control	0.1 — 1.5 seconds stepless
Regulated Output	400 — 2150 amps stepless
Case Dim.	34" H x 22" W x 48" D (860mm x 560mm x 1220mm)
Weight	960 lbs. (435kg)

Heavy Duty Gun

NS 20 A HD, two wire 751-535-500

Features & Benefits

- Cummins MTA11-G1 water cooled diesel engine, with Series 6000 stud welding system.
- Diesel generator site welding system can be skid or trailer mounted with central lifting point.
- Engine, generator, and stud welding system is fully enclosed and protected by 16 gauge sheet steel, vented, hinged, and lockable lift off access doors.
- System is rated at 225kw minimum and equipped with additional 230 volt A.C. breaker and 120 volt receptacle for other electrical requirements.
- Stainless steel control panel with key start.
- System conforms to EPA and California emissions standards.
- Equipped with engine shut down protection and indicator lights for critical functions.
- Surge brakes and ball or pintel hitch on trailer mounted units.
- Integral fuel tank capacity of 100 gallons (378 liters).

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