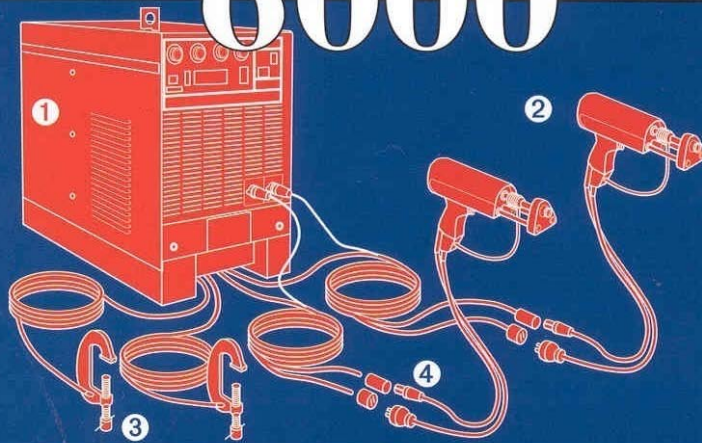




Nelson® Model 101 & 201 Series 6000



Power Control Unit Model 101

Item	Description	Part Number
1	Power/control unit, 230/460/550v	750-535-700
1B	Power/control unit, 346/380/415v	750-535-600
1C	Power/control unit, 220/380/440v	750-535-510
2	NS 20A HD Gun	751-535-500
3	25 ft. Ground Cable and Clamp #4/0	720-002-000
4	50 ft. Combination Cable #4/0	722-000-047

Duty Cycle Rated at continuous operation

1" (25mm)	10 per minute	5/8" (16mm)	30 per minute
7/8" (22mm)	15 per minute	1/2" (13mm)	60 per minute
3/4" (19mm)	20 per minute	3/8" (10mm)	Unlimited

Features & Benefits

- Available as a single gun (101) or two gun (201) welding system with independent and stepless time and current controls. Dual gun system has inter-lock feature.
- Automatic current regulation by fully closed loop D.C. shunt feedback system ensures consistent delivery of optimum weld energy.
- Current monitor will activate indicator lamp if desired current cannot be delivered.
- Digital read-out of actual weld time and current of last weld assists in set-up and quality control.
- Solid state control circuitry produces maximum reliability and accuracy of all functions.
- Two wire control system minimizes control cable and connector maintenance.
- Deck Weld feature selectively adds hot plunge time for weld through deck applications.
- Other features include chuck saver circuit, quick shut down, lift check, and safety shut down.

Specifications Power Control Unit

Transformer Rating	7600 amps
Stud Range	5/16 through 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 and 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)

Power Control Unit Model 201

Item	Description	Part Number
1	Power/control unit, 230/460/550v	750-535-200
1B	Power/control unit, 346/380/415v	750-535-100
2	NS 20A HD Gun (2)	751-535-500
3	25 ft. Ground Cable and Clamp #4/0 (2)	720-002-000
4	50 ft. Combination Cable #4/0 (2)	722-000-047

Options		
NS40 Gun		751-585-500
#1 Combination Cable 50 ft.		722-000-052
#1 Ground Cable w/Clamp 25 ft.		720-299-000
Steel Tranquil Arc® (NS40)		512-241-000
Aluminum Tranquil Arc Kit (NS40)		512-241-100
Wheel set		750-236-002



Guns

Standard Duty Drawn Arc—

NS 40, two wire, 751-585-500

Heavy Duty—

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

	NS 40	NS 20 A HD
Gun Capacity	5/8" (16mm)	1" (25mm)
Length	7-1/2" (190mm)	13" (330mm)
Weight w/o cables	3 lbs. 1 oz. (1.4kg)	7 lbs. 6 oz. (3.4kg)
Weight w/working wt. of cable	4 lbs. 10 oz. (2.1kg)	10 lbs. 8 oz. (4.7kg)