

Nelweld Model 6000

Stud Range: 3/16" to 1" (5mm-25mm)*

Specifications

Transformer Rating	7600 amps		
Input voltage	230/460/575 VAC	60 Hz	
	208/230/460 VAC	60 Hz	
	400 VAC CE	50/60 Hz	
	220/380/415/440 VAC	50/60 Hz	
Fusing	200A@208VAC		
	200A@230VAC		
	100A@460VAC		
	100A@575VAC		
	400V – Check local standards		
Timing Control	20-1500 milliseconds, stepless		
Regulated Output	300-2500 amps, regulated		
Case Dimensions	28"(710) W x 31"(786) H x 35.5"(900) D		
Weight	1050 lbs. (480 Kg)		

Duty Cycle

Rated @ continuous operation		
1" (25mm)	10 per minute	
7/8" (22mm)	13 per minute	
3/4" (19mm)	20 per minute	
5/8" (16mm)	25 per minute	
1/2" (13mm)	30 per minute	
3/8" (10mm)	unlimited	
5/16" (8mm)	unlimited	
1/4" (6mm)	unlimited	
3/16" (5mm)	unlimited	



Single Gun System Configuration

Item	Description		Part Number
1A	Power/Control Unit	230/460/575 VAC 60 Hz	750-600-000
1B	Power/Control Unit	208/230/460 VAC 60 Hz	750-600-001
1C	Power/Control Unit	400 VAC CE 50/60 Hz	750-600-050
1D	Power/Control Unit	220/380/415/440 VAC 50/60 Hz	750-600-051
2	NS 20N Welding Gun		751-693-000
3	#4/0-25 ft. Ground Cable & Clamp		720-542-000
4	#4/0-25 ft. Combination Cable		722-000-123

Standard duty gun(s) and #1 cable sets are also available

Dual Gun System Configuration

Item	Description		Part Number
1A	Power/Control Unit	230/460/575 VAC 60 Hz	750-600-500
1B	Power/Control Unit	208/230/460 VAC 60 Hz	750-600-501
1C	Power/Control Unit	400 VAC CE 50/60 Hz	750-600-550
1D	Power/Control Unit	220/380/415/440 VAC 50/60 Hz	750-600-551
2	NS 20N Welding Gun (2)		751-693-000
3	#4/0-25 ft. Ground Cable & Clamp (2)		720-542-000
4	#4/0-25 ft. Combination Cable (2)		722-000-123

Standard Guns



NS 40N

Standard Duty Drawn Arc—
NS 40N, two wire, 751-692-000

Gun Capacity	5/8" (16mm)
Length	7-1/2" (190mm)
Weight w/o cables	3 lbs. 1 oz. (1.4kg)
Weight w/working weight of cable	4 lbs. 10 oz. (2.1kg)

Optional kits recommended for studs 3/8" diameter or larger
Steel Tranquil-arc Kit— P/N 512-241-000
Aluminum Tranquil-arc Kit – P/N 512-241-100



NS 40SCN

Short Cycle—
NS 40SCN, two wire, 751-695-000

Gun Capacity	3/8" (10mm)
Length	7-1/2" (190mm)
Weight w/o cables	3 lbs. 8 oz. (1.6kg)
Weight w/working weight of cable	5 lbs. 4 oz. (2.4kg)



NS 20N HD

Heavy Duty—
NS 20N HD, two wire, 751-693-000

Gun Capacity	1-1/4" (32mm)
Length	13" (330mm)
Weight w/o cables	7 lbs. 6 oz. (3.4kg)
Weight w/working weight of cable	10 lbs. 8 oz. (4.7kg)