

The N1500i will be Nelson's first drawn arc stud welder enhanced by the FACS evolution to simplify stud welding everywhere.

Multifunction LCD Touch Screen



The new FACS-equipped N1500i uses a bright 7" LCD touch screen display. This tough and extremely versatile display provides a whole new level of communication to the user.

Portable

At about 78 pounds, this machine is easy to move around.

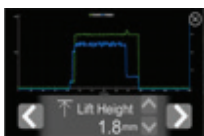
Plug & Play Motorized Gun Options

The new motorized gun driver module developed for the FACS system can simply replace the standard solenoid gun driver module.

Advanced Microprocessors & Communications

FACS uses cutting-edge microprocessor controls and will provide optional Bluetooth and Wi-Fi connectivity.

Automation Capabilities



The auto-feed capabilities can support both handheld auto feed and robotic mounted welding guns for high speed applications.

Process Monitoring

The N1500i welder includes quality monitoring features that allow operators to evaluate each weld to ensure optimal repeatability.

Dot Matrix Screen Available



The new FACS-equipped N1500i can also be ordered with the familiar Dot Matrix interface that customers have used for years. The standard functions and display icons haven't changed so the operator can hit the ground running.

Built to comply with the following standards



N1500i

Flexible Arc Control System, Portable Inverter Technology
Inverter 3/4" Drawn Arc Welding

Welder Specifications		N1500i
Welding Voltage (V)		53 VDC
Welding Current (I)		100A—1500A Continuously Adjustable
Welding Time (T)		5ms-1000ms Continuously Adjustable
Weight (welder only)		78 lbs (36kg)
Dimensions (L x W x H)		16.5" (42cm) x 10.63" (27cm) x 28" (71cm)
Enclosure Rating		IP23S
Guns		NS40 and NS20
Material		Mild Steel, Stainless Steel, Aluminum, Alloys, and High-Strength Steel
Weld Rates (Studs/Min)	3/4"/19mm	4
	5/8"/16mm	8
	1/2"/13mm	14
	3/8"/10mm	28
Maximum Stud Diameter	Steel/Stainless	3/4"
	Aluminum	3/4"
Input Power		3 Phase 200-240V 50/60 Hz @ 60A 3 Phase 380-575V 50/60 Hz @ 30A 1 Phase 200-240V 50/60 Hz @ 60A (limited output current 800A)
Display		FACS Touch Screen and Dot Matrix

