



Nelweld[®] inverter based stud welding units – forward-looking technology made by Nelson

Nelweld[®] N1500i[™]

The powerful inverter based stud welding unit manufactured by the inventor of stud welding

Representing the henceforth third generation of Nelson inverter technology **Nelweld[®] N1500i** is the new, up-to-date and reliable ambassador of advanced stud welding technology.

The ingenious merger of little weight and compact design with a high output power of 1500 amps, continuously adjustable from 50 – 1500 ampere.



This provides the opportunity to weld process secured studs with a full-size diameter from 3 – 16mm with drawn arc and from 4 – 12mm in short cycle mode.

Due to the intergrated shield gas module this additional option is now a standard device in each unit. Under shield gas studs of a full-size diameter from 3 – 12mm can be welded.

Technical Data Nelweld[®] N1500i[™]

Power supply:	Inverter	Input voltage:	400V, 50/60Hz
Welding current:	50A - 1500A (stepless adjustable)	Mains fuse:	63A (slow-blow)
Welding time:	5ms - 1000ms (stepless adjustable)	Power plug/power cord:	63A CEE / 4m
Full-size diameter of welding:	Drawn arc Ø 3mm – Ø 16mm Short cycle Ø 4mm – Ø 12mm Shield gas Ø 3mm – Ø 12mm	Protection class:	IP23 S
Welding rate:	Drawn arc Ø 16mm : 7 per minute Short cycle Ø 12mm : 30 per minute	Protection rating:	I (one)
Shield gas:	integrated	Excess temperature protection:	included
Duty cycle:	6%	Cooling:	AF (thermostatically controlled fan)
Controller:	2 x 32-bit processor with DSP / RISC / CISC	S mark:	complies with regulations
Display / operator panel:	2 rows, each with 6-digit dot-matrix / membrane keyboard	Measurements:	(w x h x t) 280 x 430 x 780mm
		Weight:	43.5 kg (with power cord) 38.9 kg (without cord)
		Options:	Nelware [™] Software (external weld monitor and production log) Ethernet 10/100-Base-T interface



NS 40 B
Drawn arc process



NS 40 SL
Short cycle process



NS 20 BHD "Heavy Duty"
Drawn arc process



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Nelson

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Technische Änderungen vorbehalten · We reserve the right to adopt modifications in the interest of technical progress · Sous réserve de modifications techniques

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