



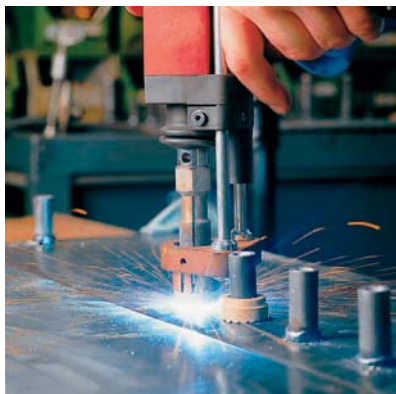
Nelweld[®] Inverter based stud welding units – forward-looking technology made by Nelson

Nelweld[®] N800i

The compact, powerful Inverter based stud welding unit manufactured by the inventor of stud welding

Representing the henceforth third generation of Nelson inverter technology **Nelweld[®] N800i** 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 800 amps, continuously adjustable from 50 – 800 ampere.



This provides the opportunity to weld process secured studs with a full-size diameter from 3 – 10mm with Drawn arc and from 4 – 7mm 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 – 10mm can be welded.

Technical Data Nelson N800i

Power stack:	Inverter with constant current control	Interface:	Ethernet 10/100-Base-T (optional)
Welding current:	50A - 800 amps (continuously adjustable)	Input voltage:	400V, 50/60Hz
Welding time:	5ms - 1000ms (continuously adjustable)	Mains fuse:	32A (slow-blow)
Full-size diameter of welding:	Drawn arc 3 – 10mm Short cycle 4 – 7mm Shield gas 3 – 10mm	Power plug / power cord:	32A CEE / 3m
Welding progression:	Drawn arc Ø 10mm : 5 per minute Short cycle Ø 7mm : 60 per minute	Protection class:	IP23
Shield gas option:	integrated modul	Protection rating:	I (one)
Duty ratio (ED):	3%	Excess temperature protection:	existent
Controller:	2 x microprocessor controls	Cooling:	AF (thermostatically controlled fan)
Display / operator panel:	two rows, each with 6-digit matrix / membrane keyboard	S mark:	complies S mark regulations
		Measurements:	250 x 340 x 535mm (w x h x t)
		Weight:	21kg (including power cord)
		Options:	automatic stud feeding Nelware™ Software (external process control)



NS 40 B
Drawn arc process



NS 40 SL
Short cycle process

Germany

(European Headquarters)

Nelson
Bolzenschweiß-Technik GmbH & Co. KG

Postfach 4020, D-58272 Gevelsberg
Flurstraße 7-19, D-58285 Gevelsberg
Telefon: 02332.661-0
Telefax: 02332.661-135
eMail: info@nelson-europe.de
www.nelson-europe.de



Great Britain

Nelson
Stud Welding UK

47-49, Edison Road
Rabans Lane Industrial Estate
Aylesbury, Bucks, HP19 8TE
United Kingdom
Telephone: 01296.433500
Telefax: 01296.487930

France

Nelson
Soudage de Goujons France S.A.S

Z.I. du chemin Vert
8, rue de l'Angoumois
F-95100 Argenteuil
France
Téléphone: 01.34.11-94.00
Télex: 01.34.11-20.33

Italia

Nelson
Bolzenschweiß-Technik GmbH & Co. KG

Via Miraflores 20
I-10042 Nichelino/Torino
Italia
Telefono: 011.605-9328
Telefax: 011.605-0015

Nelson Stud Welding Division

7900 West Ridge Road · P.O. Box 1019 · Elyria · OH 44036,2019, USA · Phone: 440.329-0400 · Telefax: 440.329-0597 · www.nelsonstud.com

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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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