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Technical Data		ATLAS 1800		ATLAS 2800	
Max. stud diameter (mm)	Short Cycle	8		8	
	Drawn Arc	19		25	
	Thru Deck technology			19	
Welding current (ininitely adjustable) (A)	SC, DA	1100 – 1800 (A)		100 – 2800 (A)	
	ND			100 – 2800 (A)	
	Electrode welding	50 – 450 (A)		50 – 700 (A)	
Welding Time (ininitely adjustable) (ms)	Short Cycle			10 – 100 ms	
	Drawn Arc			100 – 1000 ms	
	Thru Deck technology (Additional approval required)			1000 – 3000 ms	
Welding rating Continuous operation (Drawn arc with standard equipment)	Stud	Welding diameter	Welding sequence	Welding diameter	Welding sequence
	KB 19	19,00 mm	5 per min.	22,00 mm	10 per min.
	S 16	16,00 mm	8 per min.	19,00 mm	16 per min.
	MP 16	14,60 mm	10 per min.	16,00 mm	20 per min.
Dimensions	Height (mm)	890		980	
	Width (mm)	620		720	
	Depth (mm)	990		1090	
	Weight (kg)	252		540	
Mains frequency Rating	(Hz) (kVA)	55		50/60	
Mains fuse per phase	(A) by 400 V	80		64	
Connected load	(kVA)	86		125	
Protection type				IP 23	
Mains plug CEE	(A) by 400 V			125	
Type of cooling				Integral fan	

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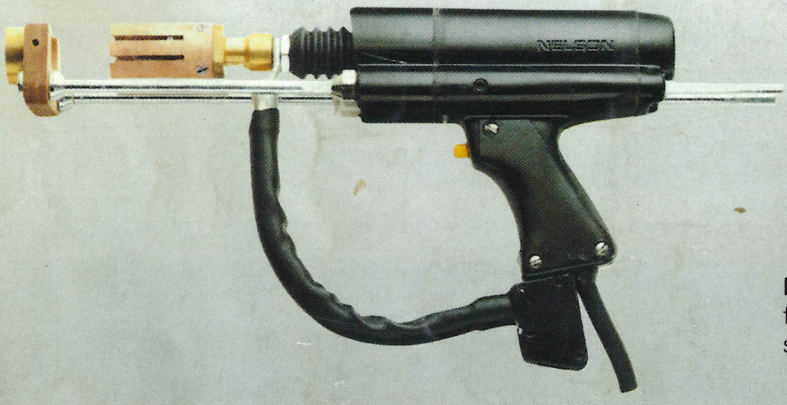
NELSON welding guns for drawn arc stud welding

NS 20 BHD
„Heavy Duty“
gun for drawn
arc stud welding



NS 40 B
for drawn arc stud welding

- NS 40 B-1 without hydraulic damper, for studs up to 12 mm diam.
- NS 40 B-2 without hydraulic damper, with larger welding cable cross-section, for studs up to 12 mm diam.
- NS 40 B-3 with hydraulic damper, for studs up to 16 mm diam.
- NS 40 B-4 with hydraulic damper and larger welding cable cross-section, for studs up to 16 mm diam.



NS 40 SL
for the
short cycle process



Germany
(European Headquarters)



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