

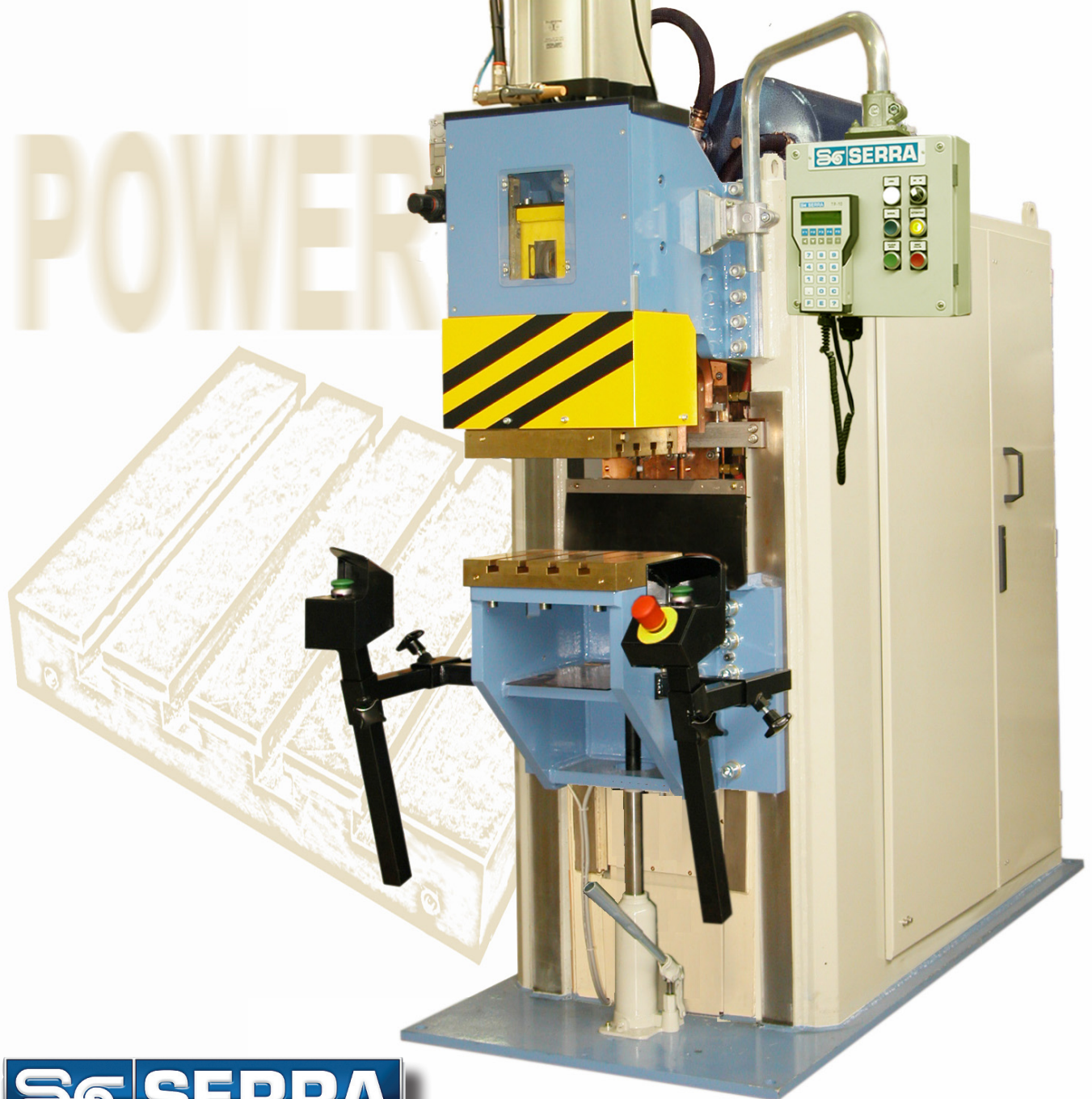


V.1009

beta 450

High power projection welding

- Up to 1050 kVA / 4800 daN
- AC / Medium Frequency



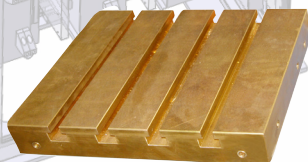
S6 SERRA

Equipment :

- Pneumatic circuit with counterpressure system.
- Elastomer for head tracking.
- I-O water valves 3/4".
- Air water intake valve 3/4".
- Two hands start.
- Isolator (standard in AC welders).
- Circuit breaker (standard in MF welders).
- Air reservoir 25 liters.
- Flowmeter (in MF welders)
- Brass platform 366 x 260 mm

Optionals:

- Maximum distance between platforms 600 mm.
- Cupper platforms
- Proportional valve.
- Flowmeter (in AC welders)
- Automation integration set.



Serratron 1B

Weld controller embodied in AC- 50Hz models

beta 450

MFC-3007

Inverter with adaptative controller for Medium Frequency - 1000Hz welders



Order Code

Welding type

- A- Spot welding (Alfa Series)
- B- Projection welding (Beta S.)
- C- Microwelding
- G- Seam welding (Gamma S.)

DIN Depth

- 1- 250 mm
- 2- 300 mm

B 4 1 2 5

Structure dimen.

- 1- 300 daN (Alfa 10)
- 2- 1400 daN (Beta 214)
- 3- 2300 daN (Beta 323)
- 4- 5000 daN (Beta 450)

Transformer

- 1- 375 kVA - 50/60Hz
- 2- 500 kVA - 50/60Hz
- 3- 2x170 kVA-50/60Hz
- 4- 2x200 kVA- 1000Hz
- 5- 3x170 kVA - 1000Hz
- 6- 3x200 kVA - 1000Hz
- 7- 4x170 kVA - 1000Hz
- 8- 4x200 kVA - 1000Hz
- 9- 6x170 kVA - 1000Hz

Force unit

- 1- 2300 daN-Counterpressure
- 2- 3600 daN-Counterpressure

AC 50 Hz

MF 1000 Hz

Beta 450 - MACHINE CODES

		B4111	B4122	B4113	B4125	B4129
Welding frequency	Hz	50	50	1000	1000	1000
Power at 50 % D.C.	kVA	375	500	2x170	3x170	6x170
DIN throat depth	mm	300	300	300	300	300
Head force at 6 bar	daN	2300	3600	2300	3600	3600
Head force at 8 bar	daN	3066	4800	3066	4800	4800
Maximum current in Short Circuit (5 periods)	kA	90	120	108	160	205
Maximum welding current (in 5 periods)	kA	72	100	100	150	200
Admissible power	kVA	1000	1200	500	700	1300
Secondary voltage	V	7.3 / 10.3	9.0 / 13.1	10	10	10
Delayed fuses	A	700	1000	500	700	1300
Manoeuvres / minute (in 10 mm)	min ⁻¹	90	90	90	90	90
Air consumption 50 mm (6 bar / 8 bar)	NI	164 / 260	220 / 346	164 / 260	220 / 346	220 / 346
Cooling water consumption	l/h	2100	2100	2400	2800	2800
Main supply section by phase	mm ²	240	360	240	360	720
Working stroke	mm	120	120	120	120	120
Distance between platforms (min.-max.)	mm	140-500	140-500	140-500	140-500	140-500
Width	mm	800	800	800	800	800
Length	mm	2050	2050	2050	2050	2050
Heigh	mm	2410	2410	2410	2410	2410
Weight	Kg	890	990	800	850	870
Weld controller	-	Serratron 1B	Serratron 1B	2xMFC-3015	3xMFC-3015	3xMFC-3015



SERRA SOLDADURA, S.A.

www.serrasold.com

GESTIÓN DE CALIDAD
Empresa certificada
Se efectúan controles periódicos
voluntarios según ISO 9001:2000



ENVIRONMENTAL MANAGEMENT
Certificate
Voluntary participation in regular
monitoring according to ISO 14001



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