



V.2007

High Power Projection Welding

beta 550

- UP TO 6x200 KVA
- UP TO 4000 DAN
- SINGLE OR
DOUBLE HEAD

POWER



 **SERRA**

beta 550

Optionals

Standard equipment

- Programming touchscreen UPF-107
- Electronic flowmeter for water flow and temperature measurement
- Elastomer for head tracking
- Circuit breaker
- I-O water and air valves 3/4"
- Two hands start
- 3x inverter 1000Hz MFC-3015.

- Proportional valve
- Force control by means of load cell
- Linear transducer
- Separate water chiller
- Safety pneumatic door 800 mm stroke
- Safety light curtain 30 mm resolution
- Safety light curtain 14 mm resolution

For nut or bolt welding:

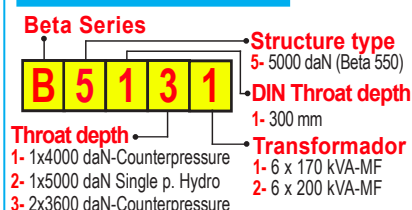
- Automatic feeders
- Smart electrode
- Brass arm set of electrodes for nut or bolt welding.



Technical features

Main Voltage	V	400 (50 Hz)
Platform dimensions	mm	320x250
Platform slots	nº	4
Distance between slots	mm	63
Distance between platforms (min.-max.)	mm	140-500

Order Code



Beta 550 - CODIGOS MAQUINA

		B5111	B5131
Welding frequency	Hz	1000	1000
Power at 50 % D.C.	kVA	6x170	6x170
DIN throat depth	mm	300	300
Cylinder force at 6 bar	daN	4000	2 x 3600
Maximum Short C.current 5 periods (*)	kA	180	180
Maximum weld current in 5 periods (*)	kA	180	180
Air consumption 50mm (6 bar / 8 bar)	NI	66,8 / 76,2	43,3 / 54,8
Cooling water consumption	l/h	2800	2800
Admissible power (**)	kVA	270	270
Delayed fuses (**)	A	680	680
Main supply section by phase (**)	mm ²	3 x 120	3 x 120
Secondary voltage	V	10	10
Working stroke	mm	150	150
Electronic weld controller	-	3xMFC-3015	3xMFC-3015
Width	mm	800	1050
Length	mm	2050	2150
Heigh	mm	2410	2410
Weight	Kg	1900	2400

(*) Values for secondary circuit with 200mm separation between platforms and 100mm stroke. (**) Values for max. welding current up to 4% Duty Cycle and line voltage drop < 3% with cable up to 30m.

