

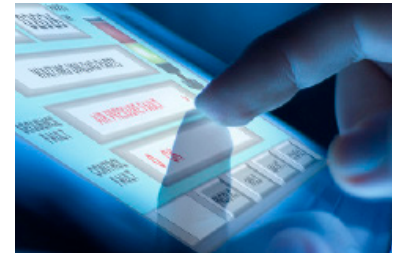


# beta 435

**Projection  
welding**

**3600**  
daN

**4x170**  
kVA



**S6 SERRA**

V.2006

# beta 435



4x transformers 170 kVA MF and 2 inverters MFC-3015w

Double head type with pneumatic safety door. The 3600 daN heads work by pneumatic cascade.

## Technical features

Main Voltage	V	400 (50 Hz)
Platform dimensions	mm	250x250
Platform slots	nº	3
Distance between slots	mm	63
Distance between platforms (min.-max.)	mm	140-450

	Ref.	B4121	B4261
Welding frequency	Hz	1000	1000
Power at 50 % D.C.	kVA	4 x 170	4 x 170
DIN throat depth	mm	250	300
Cylinder force at 6 bar	daN	3.600	2 X 3.600
Max. Short C.current 5 periods (*)	kA	110	110
Max. weld current in 5 periods (*)	kA	110	110
Air consumption 50mm / 6 bar	NI	13,7	13,7
Cooling water consumption	l/h	1200	1200
Admissible power (**)	kVA	160	160
Delayed fuses (**)	A	420	420
Main supply section by phase (**)	mm <sup>2</sup>	2x120	2x120
Secondary voltage	V	10	10
Working stroke	mm	120	120
Electronic weld controller	-	2 x MFC-3015	2 x MFC-3015
Width	mm	650	720
Length	mm	1650	1650
Heigh	mm	2310	2310
Weight	kg	1050	1220

(\*) 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.

## Standard equipment

- Programming touchscreen UPF-107
- Pneumatic circuit with counterpressure system
- Electronic flowmeter
- Circuit breaker
- Elastomer for head tracking
- I-O water and air valves 3/4"
- Two hands start

## Optionals

- Max. separation between platforms 550 mm
  - DIN throat depth 300 mm
  - Brass platforms 4 slots
  - 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 feeder
  - Smart electrode
  - Brass arm set of electrodes for nut or bolt welding.

## Order Code

