

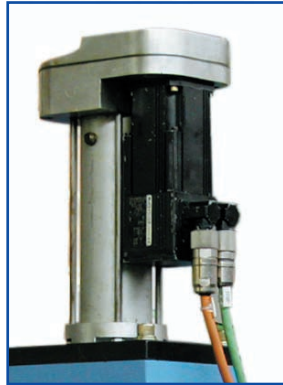


beta214

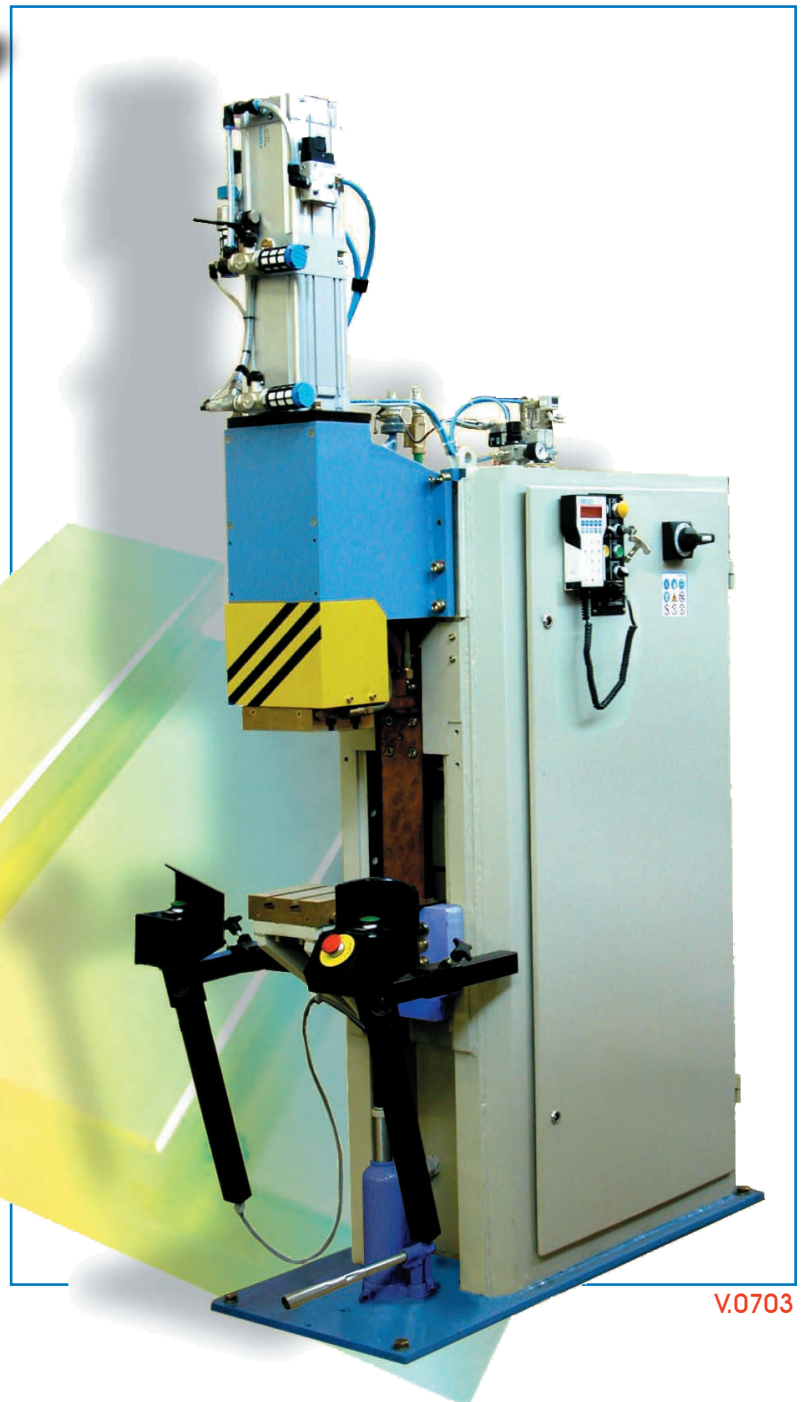
Projection welding

- AC up to 125 kVA
- Medium Frequency for improving quality and consumptions
- Fusion tracking system
- Optional electrical drive

ServoDrive



1000 Hz





Equipment:

- Pneumatic circuit with counterpressure system
- Elastomer for head tracking
- I-O water valves 1/2"
- Air water valve 1/2"
- Two hands start.
- Circuit breaker

Optionals:

- DIN throat depth 300 mm
- Daylight between platforms 550 mm
- Servo driven head. Force 1500 daN
- Proportional valve
- Flowmeter
- Automation integration set

ORDER CODE

Welding type

- A- Spot welding (Alfa Series)
- B- Projection welding (Beta)**
- C- Microwelding
- D- Seam Welding (Gamma Series)

Structure dimensions

- 1- 300 daN (Alfa 10)
- 2- 1400 daN (Beta 214)**
- 3- 2300 daN (Beta 323)
- 4- 5000 daN (Beta 420)

DIN Throat depth

- 1- 250 mm
- 2- 300 mm**

Force Unit

- 1- 750 daN-Single pressure
- 2- 750 daN-Counterpressure
- 3- 1400 daN-Single pressure
- 4- 1400 daN-Counterpressure
- 0- Servo head**

Transformer

- 1- 70 kVA - 50/60Hz
- 2- 100 kVA - 50/60Hz
- 3- 125 kVA - 50/60Hz
- 4- 100 kVA - 1000Hz
- 5- 150 kVA - 1000Hz
- 6- 2x100 kVA-1000Hz
- 7- 2x150 kVA-1000Hz

Technical features

		B2122	B2143	B2124	B2125	B2146	B2147
Main Voltage	V	400 (50 Hz)					
Welding frequency	Hz	50	50	1000	1000	1000	1000
Power at 50 % D.C.	kVA	100	125	100	150	2 x 100	2 x 150
Admissible power	kVA	200	250	160	160	250	250
Delayed fuses	A	200	250	160	160	250	250
Main supply section by phase	mm ²	90	120	70	70	120	120
Secondary voltage	V	7.7 / 9	8.6 / 11	10	12	10	12
Max. short circuit current CC (5 periods)	kA	60	75	26	26	52	52
Max. welding current (in 5 periods)	kA	48	60	26	26	52	52
DIN throat depth	mm	250	250	250	250	250	250
Force at 6 bar	daN	750	1400	750	750	1400	1400
Platforms dimensions	mm	170x160	170x160	170x160	170x160	170x160	170x160
Nr. Slots	nº	2	2	2	2	2	2
Distance between slots	mm	63	63	63	63	63	63
Distance between platforms (min.-max.)	mm	140-450	140-450	140-450	140-450	140-450	140-450
Working stroke	mm	100	100	100	100	100	100
Width	mm	500	500	500	500	500	500
Length	mm	1230	1230	1230	1230	1230	1230
Height	mm	1893	2152	1893	1893	2152	2152
Weight	kg	610	640	580	590	610	630
Manoeuvres per minute (in 10 mm)	min ⁻¹	90	90	90	90	90	90



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