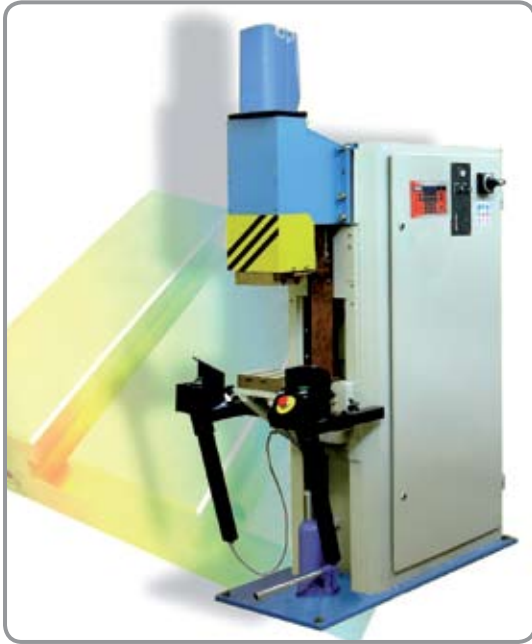


Beta 214 Projection Welder

AC - Medium Frequency 1000 Hz
Pneumatic Or Servodrive



welding & joining technologies



Equipment:

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

Optionals:

- Circuit breaker (incorporated in MF welders)
- DIN throat depth 300 mm
- Daylight between platforms 650 mm
- Proportional valve
- Flowmeter
- Automation integration set
- Autonomous cooling set

Servo controlled electric drive

- Adjustable and programmable stroke (accuracy: +/- 0,1 mm)
- Thickness detection and welding program automatic selection.
- Machine stop in case of no detection of due thickness: bad bolt or nut placement, sheet absence.
- Head integration in automated applications (7° axis function).
- Seating control during weld time.

Beta 214 - Machine Codes		ServoDrive					
		AC 50 Hz		MF 1000 Hz			
		B2122	B2143	B2124	B2146	B2104	B2106
Welding frequency	Hz	50	50	1000	1000	1000	1000
Power at 50 % D.C.	kVA	100	125	100	170	100	170
DIN throat depth	mm	250	250	250	250	250	250
Force (pneumatic cylinder at 6 bar)	daN	750	1400	750	1400	-	-
Force (servodrive head)	daN	-	-	-	-	1500	1500
Max. short circuit current CC (5 per.)	kA	60	75	26	52	26	52
Max. welding current (in 5 periods)	kA	48	60	26	52	26	52
Air consumption 50mm / 6 bar	NI	4,7	8,4	4,7	8,4	-	-
Cooling water consumption	l/h	360	360	720	720	720	720
Admissible power	kVA	200	250	160	250	160	250
Delayed fuses	A	200	250	160	250	160	250
Main supply section by phase	mm ²	90	120	70	120	70	120
Secondary voltage	V	7.7 / 9	8.6 / 11	10	10	10	10
Working stroke	mm	100	100	100	100	0-100 adjustable and programmable	
Width	mm	500	500	500	500	500	500
Length	mm	1230	1230	1230	1230	1230	1230
Heigh	mm	1893	2152	1893	2152	1960	1960
Weight	kg	610	640	580	610	590	620
Medium Frequency Inverter	Ref.	-	-	MFC-3007	MFC-3015	MFC-3007	MFC-3015



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