

Beta 214 Projection Welder

AC - Medium Frequency 1000 Hz
Pneumatic Or Servodrive



Equipment:

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

Options:

- Circuit breaker (incorporated in MF welders)
- DIN throat depth 300 mm
- Daylight between platforms 650mm
- 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.



ServoDrive

Beta 214 - Machine Codes		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 at 6 Bar	daN	750	1400	750	1400	-	-
Max. Short Circuit Current (5 periods)	kA	-	-	-	-	1500	1500
Max. Welding Current (5 periods)	kA	60	75	26	52	26	52
Air Consumption 50mm / 6 bar	NI	48	60	26	52	26	52
Cooling Water Consumption	l/h	4.7	8.4	4.7	8.4	-	-
Lower Arm	-	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	mm2	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
Height	mm	1893	2152	1893	2152	1960	1960
Weight	kg	610	640	580	610	590	620
Medium Frequency Inverter MFC 3015	MFC	-	-	MFC-3007	MFC-3015	MFC-3007	MFC-3015



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