



MIB-200A, MIB-500A, MIB-1000A

# MIB-200A MIB-500A MIB-1000A AC Welding Power Supplies

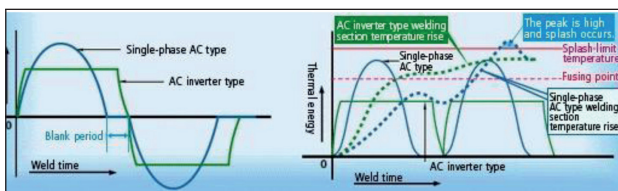


Figure 1

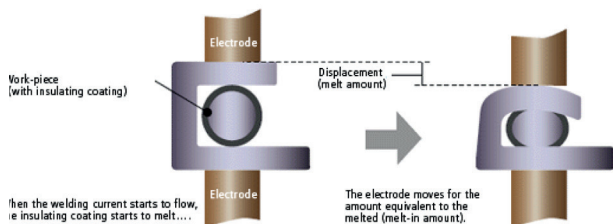


Figure 2

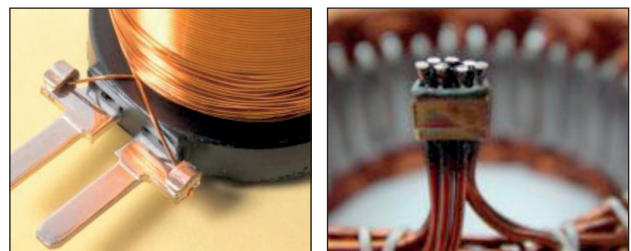
AC inverter power supply with good thermal efficiency. No blank time required, continuous heat up and no splash generation unlike single-phase AC control. (Figure 1)

Interrupt feature functions when a displacement amount reaches up to set level and stops current to obtain stable fusing. For this feature, it needs to be connected with a weld checker with a built-in displacement monitor and set a displacement amount of electrodes beforehand. (Figure 2)

Fusing of electrical parts and welding of coated wires

The MIB-200A is the ideal welding power supply for coated wire welding and electrical parts fusing. The teaching technique using MA-627A an optional separate program unit has been employed for the setting method. The weld time can be set by the unit of cycle.

## TYPICAL APPLICATIONS



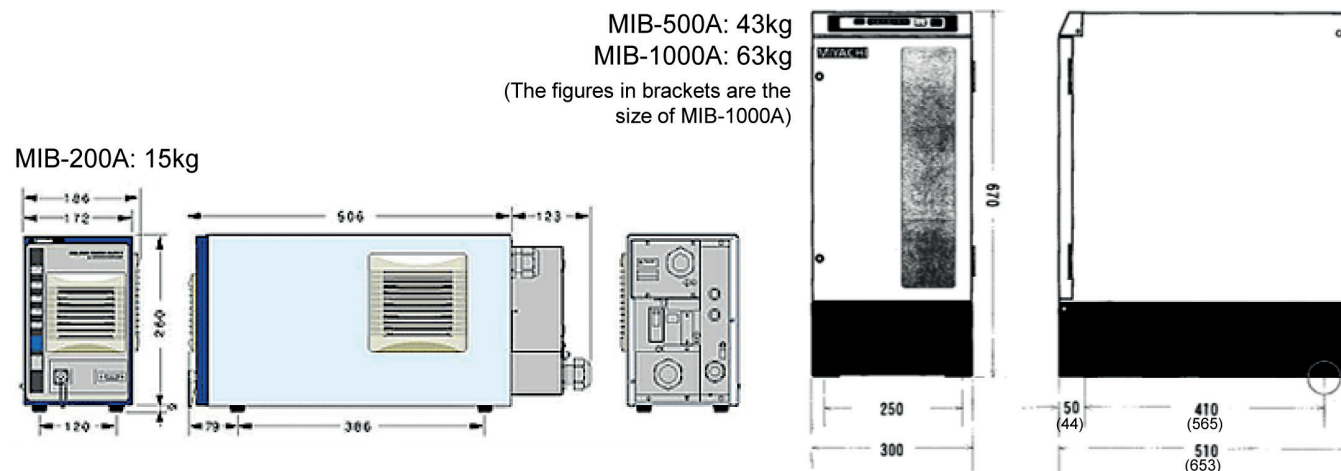
Electrical parts and welding of coated wires



## TECHNICAL SPECIFICATIONS

Model	MIB-200A	MIB-500A	MIB-1000A
Power requirements	Three-phase, 220/240/380/400/440/480 VAC +10%, -15%, 50/60 Hz	Three-phase, 220/400/440/480 VAC +10%, -15%, 50/60 Hz	
Output frequency	50 – 250 Hz		
Control frequency	1 kHz		
Maximum output current (duty cycle)	200 A (8%)	500 A (15%)	1000 A (12%)
Control method	Primary constant current peak value control		
Weld schedule	15 schedules		
Timer setting	Squeeze delay	0000 – 9999 msec.	
	Squeeze	0000 – 9999 msec.	
	UpSlope/Rise 1	00.0 – 99.5 cyc.	
	Rise2	-	
	Weld 1,2 / Curr 1,2	00.0 – 99.5 cyc	
	Cool	00.0 – 99.5c yc	
	DownSlope2	00.0 – 99.5 cyc	
	Hold	000 – 999 msec.	
	Off	0000 – 9990 (10 msec. increment)	
	Pulsation	1 - 9	
Heat setting / power supply setting	0.10 – 9.99 kA	0.10 – 9.99 kA or 00.1 – 20.0 kA	
Cooling method	Air cooling	Water cooling (6L/min.)	

## DRAWINGS



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