



WELDING INDUSTRIES MALAYSIA

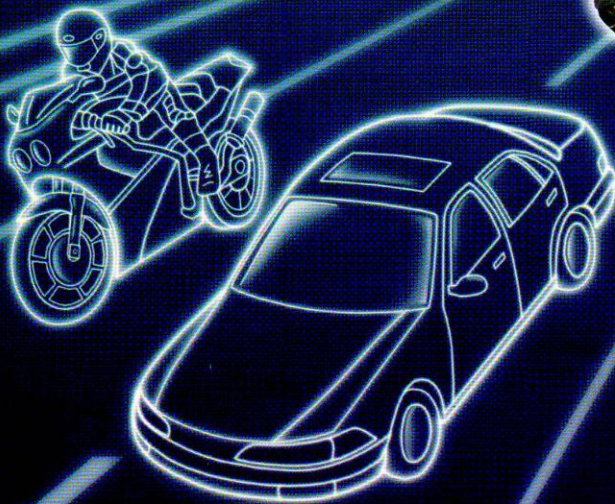
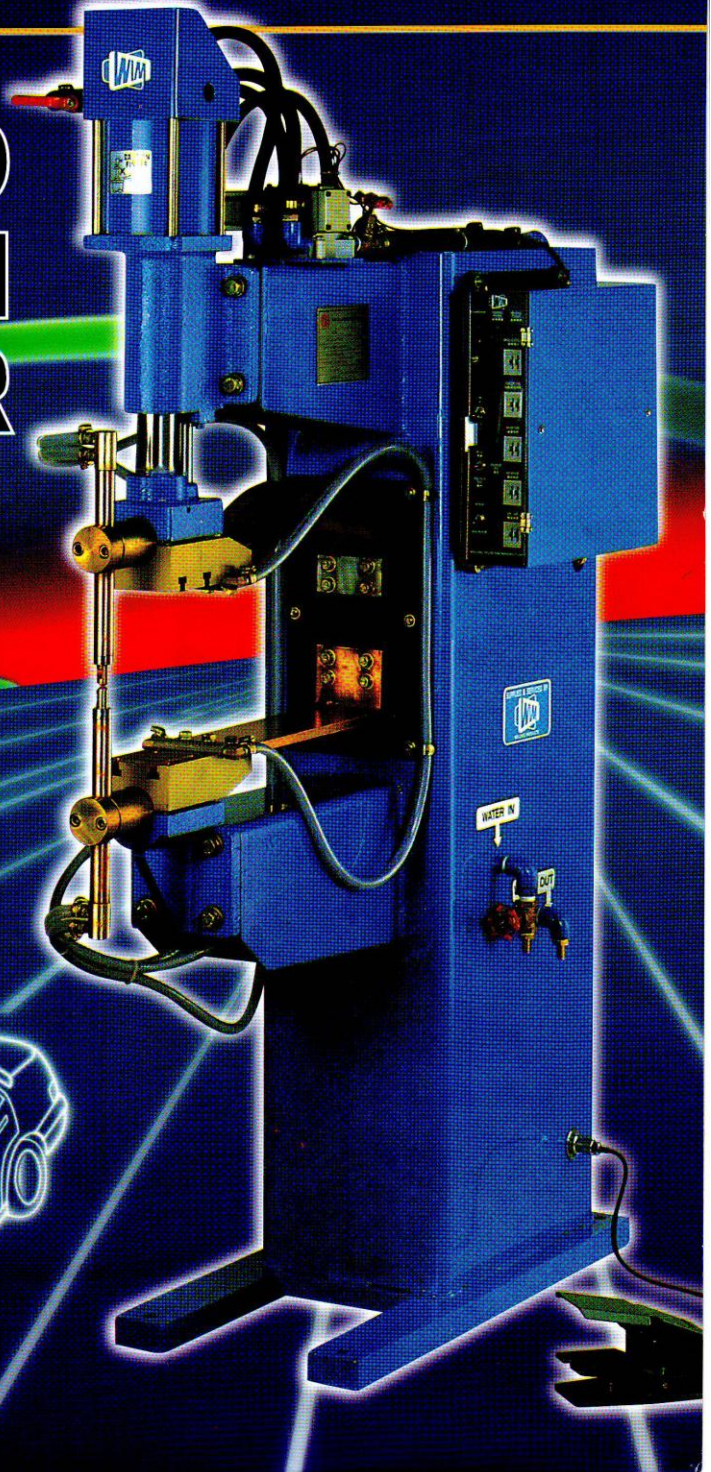
PRESENTS

SPOT AND PROJECTION WELDER

In our never ending search for Quality and Reliability, we in WIM, present the 'JPC' Series of Resistance Welders, further serving our customers through our drive for Excellence. Through our concept of 'Design from User's Standpoint' the 'JPC' series incorporating the following outstanding features.

- Good working performance through thyristor controlled circuit eliminating contactors
- Long serviceable life
- Power saving through usage of high quality conductive material and superior secondary circuit
- Efficient water cooling circuit
- Lower exhaust noise through unique construction
- Safe usage through high insulation techniques

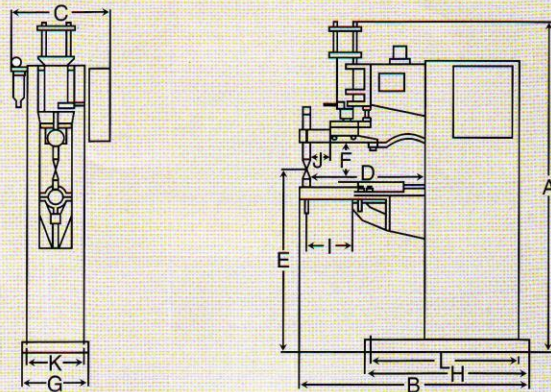
High Quality Welding is assured with WIM's reliable mechanism, further leading to development and rationalisation of industry.



STANDARD SPECIFICATIONS OF SPOT PROJECTION WELDING MACHINE

Type		JPC35	JPC-50	JPC-75		
Rated Capacity (50% Duty Cycle)		KVA	35	50	75	
Rated Primary Voltage		V	415	415	415	
Rated Frequency		Hz	50 60	50 60	50 60	
Spot	Rated Maximum Input	KVA	80 90	120 130	196 237	
	Duty Cycle	%	8.5 7.5	8.5 7.5	12.0 9.5	
	Rated Secondary current (max)	A	14,000	16,000	25,000	
	Dimensions of Throat Depth	Depth	mm	600	600	600
		Opening	mm	170	170	200
		Diameter	mm	25	25	25
	Tip Holder	Length	mm	Upper 250 Lower 150	Upper 250 Lower 150	Upper 250 Lower 150
Tip		Diameter	mm	16	16	16
	Taper	-	1/5	1/5	1/5	
Projection	Rated Maximum Input	KVA	90 100	145 155	220 230	
	Duty Cycle	%	7.5 6.0	6.0 5.0	6.0 5.0	
	Rated Secondary current (max)	A	16,000	19,000	27,000	
	Dimensions of Throat Depth	Depth	mm	410	410	410
		Opening	mm	170	170	200
	Height Above Ground of Upper Surface of Lower Platen	mm	815	815	815	
	Maximum Electrode Force	KG	500	500	1000	
Electrode Stroke	mm	10 ~ 60	10 ~ 60	10 ~ 60		
Quantity of Cooling Water	l/min	6	8	12.7		
Net Weight (Approx.)	KG	310	330	380		

TABLE OF EXTERNAL DIMENSION



TYPE CODE	JPC 35	JPC 50	JPC 75
A	1625	1625	1625
B	1085	1085	1085
C	510	510	510
D	575	575	560
E	975	975	975
F	190	190	190
G	355	355	420
H	795	795	890
I	175	175	175
J	60	60	60
K	285	285	345
L	765	765	855

STANDARD SPECIFICATIONS OF SPOT WELDER OF MC PMC TC PTC



Type		MC 15	MC 25	PMC 25	TC 15	TC 25	PTC 25		
Rated Capacity (50% Duty Cycle)		KVA	15	25	25	15	25	25	
Rated Primary Voltage		V	230/415	230/415	230/415	230	230	230	
Rated Frequency		Hz	50	50	50	50	50	50	
Rated Maximum Input		KVA	20	45	45	20	45	45	
Duty Cycle		%	9	9.2	9.2	9	9.2	9.2	
Rated Secondary current (Max.)		A	7,500	12,000	12,000	7,500	12,000	12,000	
Spot	Dimensions of throat depth	Depth	mm	300	330	330	300	330	330
		Opening	mm	150	150	150	150	150	150
	Tip holder	Diameter	mm	22	22	22	22	22	22
		Length	mm	153	153	153	153	153	153
	Tip	Diameter	mm	16	16	16	16	16	16
		Taper	1/5	1/5	1/5	1/5	1/5	1/5	1/5
Maximum Electrode Force	KG	180	320	420	180	320	420		
Quantity of Cooling Water	l/min	6	6	6	6	6	6		
Net Weight (Approx.)	KG	118	158	166	110	141	149		
Dimensions mm	Width	W 335	W 375	W 375	W 375	W 375	W 375		
	Depth	D 640	D 685	D 685	D 640	D 685	D 685		
	Height	H 1190	H 1190	H 1190	H 1190	H 1190	H 1190		

Model: - MC/PMC/TC/PTC (column spot welders) Range available for medium and thick foundry welding.

- MC - With electronic timer.
- PMC - With electronic timer and pneumatic drive.
- TC - With thyristor control and electronic timer.
- PTC - With thyristor control, electronic timer and pneumatic drive.



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