

Spot Welding

Special Features :

- Pedal operated rocker arm type spot welding machine
- Rigid structure to eliminate the minutes spot deflections
- Throat for control timer for fine voltage stability
- Maintenance free machine



Technical Specification :

Particulars	Spot Welders										
Model		Unit	HS-6		HS-8		HS-10		HS-15		
Rating@50% Duty Cycle		KVA	6		8		10		15		
Nominal Throat Clearance		MM	250		250		250		250		
Throat Depth		MM	200	300	300	400	300	400	300	400	
			400		500		500		600		
Welding Range											
Mild Steel	Max. 2x	MM	2.0	1.6	2.5	2.0	3.0	2.5	1.5	3.5	3.0
			1.0		1.25					1.0	

Thickness	Max. 2x	MM	0.3 0.25 0.1	0.35 0.3 0.2	0.4 0.3 0.2	0.6 0.5 0.1
Brass Steel	Max. 2x	MM	0.8 0.7 0.45	1.0 0.9 0.6	1.2 1.1 0.75	2.0 1.5 0.9
Thickness	Max. 2x	MM	0.17 0.1 0.08	0.2 0.1 0.08	0.25 0.2 0.12	0.3 0.2 0.1
Stainless Steel	Max. 2x	MM	1.6 1.4 0.8	2.0 1.8 1.0	2.0 1.8 1.0	3.0 2.4 0.9
Thickness	Max. 2x	MM	0.25 0.2 0.12	0.3 0.25 0.15	0.32 0.28 0.18	0.4 0.3 0.1
Max Available Short ckt. Current		KA	6.5 5.5 5	8 7.5 7	8.5 7.5 6	12 10 8
Primary Supply Voltage		Volts	415	415	415	415
Phase	Single Phase (Two lines or three Phase supply)					
NOminal Electrode Force (Approx)		Kg.	150 100 75	150 100 75	150 100 75	150 100 60
Max. Electrode Force		MM	70	70	70	70
Approx. Dimensions Without Arm	H	MM	1320	1320	1320	1320
	L	MM	810	810	840	870
	W	MM	350	350	450	450
Approx. Weight Without Arm		Kgs.	150	123	142	147
Confirms To	IS-4804 (Part II) - 1968					
	Customers to provide the following services					

External Water supply at max. Temp. 30 C		Lit/min	3	3	3	5
Size of mains supply Copper Cable		MM2	8	10	12	15
Recommended Switch Rating		Amps	30	30	30	30
Delayed Action Fuse Rating		Amps	20	20	20	30