

Welding Machine

Spot Welding Machine

Model No: DI-101

Application

Spot Welding.

- Electro-Brazing.
- Cross wire welding resistance heating.
- Soldering.
- Welding stainless steel, brass, phosphor, bronze, alloy steels, etc.
- Specific details can be sought on request.



Technical Specifications

MODELS	DI-175A	DI-175B	DI-175C	DI-175D	DI-175E	DI-175F	DI-175G
Rating @ 50% Duty Cycle (KVA)	6	8	10	15	20	25	30
Throat Depth (mm)	350	400	460	460	460	460	460
Nominal Throat Clearance (mm)	220	220	220	220	220	220	220
Welding Range							
M. S. Sheet Max. 2 x mm	1.6	1.8	2.0	3.0	3.25	3.5	4
Thickness Min. 2 x mm	0.16	0.2	0.2	0.3	0.5	0.6	0.8
Brass Sheet Max. 2 x mm	0.6	0.7	1	1.5	1.6	1.6	1.8
Thickness Min. 2 x mm	0.1	0.1	0.1	0.2	0.2	0.3	0.4
S. S. Sheet Max. 2 x mm	1.6	1.8	2	2.8	3	3.5	4.0
Thickness Min. 2 x mm	0.2	0.18	0.2	0.3	0.3	0.6	0.8
Min. available short Circuit	5	7	8	8	11	11	12
Currents (K.A)							
Current Control							
Insulation Class	F	F	F	F	F	F	F
Cooling for Arms & Electrodes	Water	Water	Water	Water	Water	Water	Water
Nominal Electrode Force (Approx kgf)	75	100-75	100-75	100	110	110	125
Electrode Stroke Max. (mm)	40	40	40	40	40	40	40
Mains Supply Voltage (V)	415	415	415	415	415	415	415
Phase (Nos.)	2	2	2	2	2	2	2
Mains Supply Cable Size (Copper mm ²)	8	10	12	15	20	20	25
Mains Disconnection Switch (A)	15	20	25	30	45	50	70
Delayed Action Fuse (A)	15	20	25	30	45	50	70
Water at Max. Temp. of 30°C (lit/min)	2	3	3	3	3.5	3.5	3.5