

WELDCRAFT Rocker Arm Type (Pedal Operated) SPOT WELDING MACHINES



DESIGN FEATURES: Sturdy, compact and robust construction with negligible maintenance. Weld Initiation only after the pre-set pressure is developed across the job.

ELECTRONIC TIMER: Controls the time precisely in two ranges.

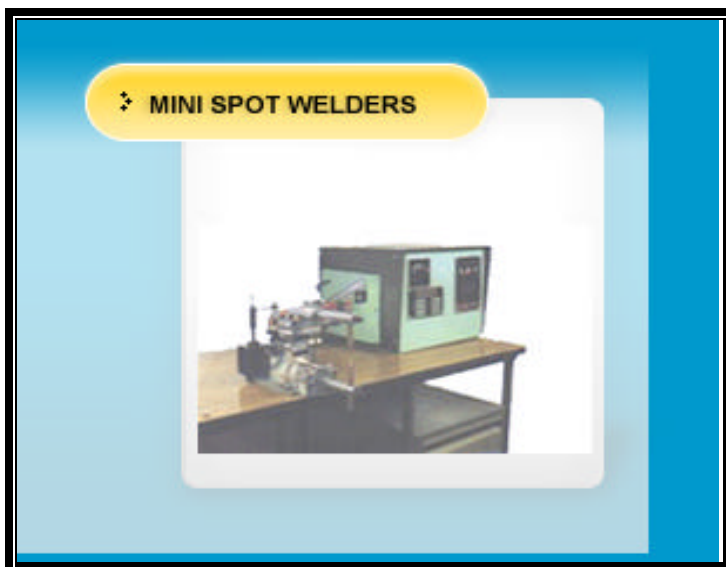
- 0.1 – 1.0 Seconds (5 – 50 Cycles)
- 0.1 – 10.0 Seconds (50 – 500 Cycles)

WELD PRESSURE: Pressure regulations achieved by adjusting the compression spring. Foot Pedal gives maximum electrode force without giving much fatigue to the Operator.

COOLING SYSTEM: Water-cooled electrodes, electrode holders and arms give consistency in welds and reduce the wear and tear of electrode, water flow at 7 lit. /min. free from residue forming impurity and at a temperature of less than 30 Degree C is required.

ELECTRODES: One pair of Mellory Morse Taper 2 straight electrodes supplied as standard with machine. Other types available on request.

APPLICATION / USERS: In the mass Production lines of Engineering Industry, Electrical and Electronic Instruments, Radio & Communication Equipments, Sheet Metal Containers, Automobile assembly and ancillary lines, Drums, Refrigerators, Barrels, Air Conditioners, Electrical Machines, Toys, Furniture Kitchenware, Switchgear manufacturing units, etc. The machines are capable of welding stainless steel, brass, phosphor, bronze, alloy steels, etc. Specific details can be provided on request.



TECHINICAL SPECIFICATION: SPOT WELDING MACHINES

TYPE	SWM - 6	SWM – 8	SWM – 10	SWM – 15	SWM - 20
KVA - Rating @ 50% Duty Cycle	6	8	10	15	20
KVA - Rating @ 100% Duty Cycle	4.25	5.5	7	10.5	14
Mains Supply	415 Volts, 2 Lines of 3 Phases, 50C/s.				
Fuse Amps	15	20	25	30	50
Output Taping	6	6	6	6	6
Class of Insulation	F	F	F	F	F
Cooling System	Water Cooled	Water Cooled	Water Cooled	Water Cooled	Water Cooled
Throat Height (mm)	230	230	230	240	240
Throat Depth (mm)	225	300	300 – 400	300 – 600	300 - 600

WELDING RANGE:

Weldability in m.m. (Thickness * 2)		SWM - 6	SWM – 8	SWM – 10	SWM – 15	SWM - 20
M.S.	Min	0.3	0.3	0.3	0.5	0.5
	Max	1.6	1.8	2	3	3
S.S.	Min	0.25	0.25	0.25	0.3	0.3
	Max	1.4	1.6	1.8	2.8	2.8
BRASS	Min	0.2	0.2	0.2	0.2	0.2
	Max	0.6	0.7	0.8	1	1.2

Other Products:

▪ AC/DC Transformers	▪ Rectifiers	▪ Butt Welders	▪ Spot Welders
▪ Mig / Tig M/cs	▪ Stud Welders	▪ Accessories / Spares	▪ Cr Cu Electrodes / Tips

 <p>MACHINERY FOR WELDING</p>	<p>Weldcraft Engineers 68, Vishal Ind. Estate, 2nd Floor, Opp. Ceat Tyres, Village Road, Bhandup, Mumbai – 78</p> <p>Tel: 22-2566 9039 (O), 22-2522 4251 (R / F) Email: info@weldcraftengineers.com Website: www.weldcraftengineers.com</p>
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