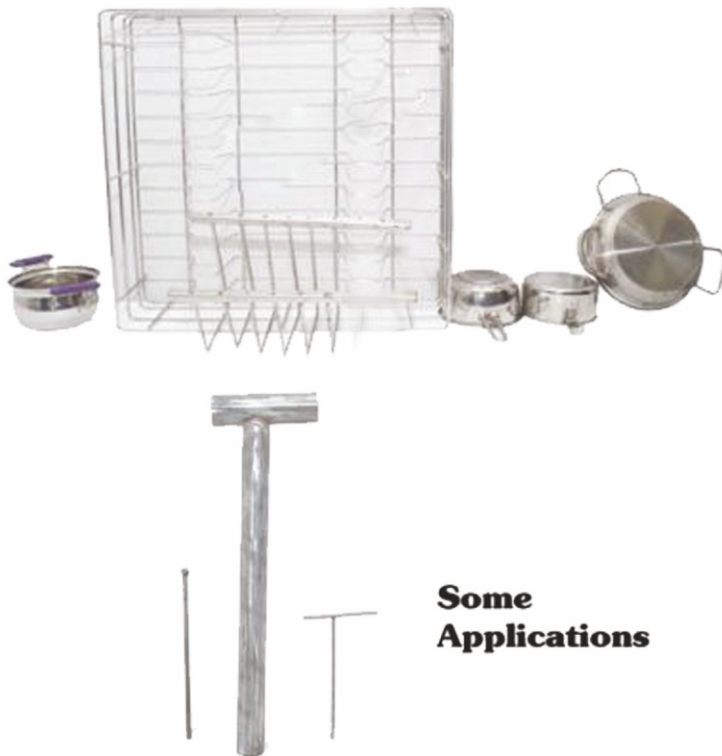




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SHREEJI

WELD INDUSTRIES



Some Applications



PEDAL OPERATED ROCKER ARM TYPE SPOT WELDING MACHINE

APPLICATIONS –

SPOT WELDING, ELECTRO-BRAZING, CROSS WIRE WELDING, RESISTANCE HEATING AND SOLDERING. THE MACHINES ARE ALSO CAPABLE OF WELDING STAINLESS STEEL, BRASS, PHOSPHOR, BRONZE, ALLOY, STEELS ETC. SPECIFIC DETAILS CAN BE HAND ON REQUEST.

USERS INCLUDE – BUT ARE NOT LIMITED TO GENERAL ENGINEERING WORK SHOPS, MARKERS OF FURNITURE, ELECTRICAL INSTRUMENTS, CONTAINERS, BARRELS & DRUMS, TELEPHONE, RADIO COMMUNICATION DEVICES, CLOCKS, KITCHENWARE, TEXTILE MACHINERY & SPARES, AUTOMOBILES, BICYCLES, MOTOR CYCLES, SCOOTERS, AUTO ANCILLARIES, TOYS, AIR CONDITIONERS, REFRIDGERATORS, TRANSFORMERS, MOTOR, SWITCHGEAR ETC.

CONSTRUCTION : HEAVILY FABRICATED WITH STREAMLINED APPEARANCE, SUITABLY STIFFENED AT POINTS OF STRESS. THE TRANSFORMER IS MOUNTED DIRECTLY ON THE BODY AND THE BEARINGS FOR THE ARM ARE PROVIDED IN THE SAME.

COOLING SYSTEM : ELECTRODES, ELECTRODE HOLDERS AND ARMS WATER COOLED WATER REQUIRED TO BE FREE FROM RESIDUE FORMING IMPURITIES AND AT A TEMPERATURE OF LESS THAN 30°C. IF WATER TEMPERATURE IS HIGHER, INCREASED WATER FLOW IS REQUIRED.

ELECTRODES : ONE PAIR MORSE TAPER TWO STARIGHT ELECTRODES SUPPLIED AS STANDARD WITH THE MACHINE, OTHER TYPES AVAILABLE ON REQUEST.

We Also Manufacture : Arc Welders, Spot Welders, Butt Welders, Argon Arc Welders, Seam Welders, Pneumatic, Pedal Operated, Table Mounted, Portable and Resistance Heating Equipments.

PEDAL OPERATED ROCKER ARM TYPE SPOT WELDING MACHINE

SPECIFICATIONS:

ELECTRODE FORCE		Pressure on the work is obtained by means of heavy spring on the pressure rod at the back of the machine.
ADJUSTMENT OF ELECTRODE FORCE		By means of calibrated nut. The force is adjustable and gives a constant force from 100 – 200 kgf with 30 kgf applied on the foot pedal.
ADJUSTMENT OF ELECTRODE STROKE		By vertical adjustment of electrode holder.
CURRENT CONTROL		By means of 6 tap change links between 50% and 100%
WELD INITIATION		By means of mechanically operated switch which initiates the weld only after the pre-set pressure is built up.
ELECTRONIC CONTROL		Machine provided as standard with "SHREEJI WELD" timer and heavy duty magnetic contactor.
TIMINGS	SHORT RANGE	5 - 50 cycles
	LONG RANGE	1 - 10 seconds

TECHNICAL SPECIFICATIONS:

MODELS	SSP 6	SSP 8	SSP 10	SSP 15	SSP 20	SSP 25	SSP 30
Rating @ 50% Duty Cycle (kva)	6	8	10	15	20	25	30
Throat Depth	350	400	460	460	460	460	460
Nominal Throat Clearance (Mm)	220	220	220	220	220	220	220
Welding Range							
M.S. Sheet Max.	1.6	1.8	2.0	3.0	3.25	3.5	4
Thickness Min.	0.16	0.2	0.2	0.3	0.5	0.6	0.8
Brass Sheet Max	0.6	0.7	1	1.5	1.6	1.6	1.8
Thickness Min.	0.1	0.1	0.1	0.2	0.2	0.3	0.4
S.S. Sheet Max	1.6	1.8	2	2.8	3	3.5	4
Thickness Min.	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.)						By means of 6 – position off. Load tap switch.	
Insulation Glass	F	F	F	F	F	F	F
Cooling For Arms & Electrodes	Water	Water	Water	Water	Water	Water	Water
Nominal Electrode Force (Approx. Kg)	75	100-75					
Electrode Stroke Max. (Mm)	40	40	40	40	40	40	40
Mains Supply Voltage (V)	415	415	415	415	415	415	415
Phase	2	2	2	2	2	2	2
Main Supply Cable Size (Copper Mm2)	8	10	12	15	20	20	25
Main Disconnection	15	20	25	30	45	50	70



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