



ISO 9001 : 2015
CERTIFIED COMPANY

SHREEJI

WELD INDUSTRIES

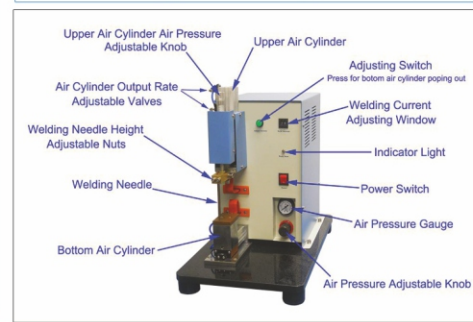


TABLE MOUNTED PNEUMATIC SPOT WELDER

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.

TABLE MOUNTED PNEUMATIC SPOT WELDER

SPECIFICATIONS:

Adjustment of electrode force	By means of air pressure. The force is adjustable and gives a constant force from 1 – 5 kg cm ² by pneumatic cylinder, adjustable by regulating valve.
Adjustment of electrode stroke	By vertical adjustment of electrode holder.
Current control	By means of 3/6 tap clamp links between 50% and 100% also fine setting through controller.
Weld initiation	By means of foot switch which initiates the weld only after pre-set pressure is built up.
Electronic control	Thyristorised synchronous electronic sequence timer consisting of : squeeze, weld, forge, off and heat control unit range 1 -99 c/s. Also digital controller optional.

TECHNICAL SPECIFICATIONS:

Type Of Machines	SPR 15	SPR 20	SPR 30	SPR 40	SPR 50	SPR 75	SPR 100
Rating @ 50 %Duty Cycle (KVA)	15	20	30	40	50	75	100
Throat Depth (mm) app	460	460	460	460	460	460	460
Nominal Throat clearance (mm) app	220	220	220	220	350	350	350
Welding Range app							
S S/M S Sheet 2X mm app	3-0.3	3.25-0.32	3.75-0.6	4.0-0.8	4.5-1	4.5-1	06-1
Max Available Short Circuit app	8	9	12	14	20	24	28
Currents (KA)							
	By means of 6/8 Position off Load TAP S						
Insulation Class	F	F	F	F	F	F	F
Cooling for Arms & Electrodes	Water	Water	Water	Water	Water	Water	Water
Normal Electrode Force (approx. Kgs)	1-2	1-3	1-4	2-4	2-5	2-5	2-5
Electrode Stroke Max mm	40	40	40	40	40	40	40
Main Supply Voltage (V)	415	415	415	415	415	415	415
Phase (Nos)	2	2	2	2	2	2	2
Main Supply Cable Size (Copper mm2)	15	20	25	25	50	50	100



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