

Product Name :
Seam Welding

Product Code :
wm0002



Description :

Seam Welding

Technical Specification :

Seam Welding.

APPLICATION :

Spot welding, projection welding, cross wire welding, resistance heating, electro-brazing, With special attachments it is also to weld nonferrous material within certain limitations.

USERS :

Include - but are not limited to general engineering work-shop, makers of furniture, electrical instruments, containers, bar drums, telephone, radio communication devices, clocks, kitchen-ware, textiles machinery and spares automobiles-ancillaries, conditions, refrigerators, motors, switchgear, etc.

STANDARD FEATURES - ALL MACHINES :

MAIN SUPPLY-415 Volts. Single Phase (2lines of 3 phase supply) 50 Hz.

AIR OPERATION :

Spring follow-double acting cylinder; Air line filter, lubricator, regular pressure gauge; Electric Solenoid Machine mechanically capable of 125 operations/minute. ELECTRICAL - Foot Switch/Palm Button; V

Weld Switch; Pressure Switch; Transformer in Class 'F' Insulation. provide with 8 current regulating between 55% and 100% output; Contrail circuits at less than 110 Volts. COLLING - By water with secondary circuits for main Transformer, Secondary conductor and Electorder. die (in case of projection Welding) Thyristors. Each circuit to terminate in sight cup provide; wheel valves each circuit. PROTECTION - Transformer, Thyristors by themosate against water failure; Luminous overload indicator on panel.

ELECTRONIC CONTROLS :

Microprocessor based solid state Electronic Control with Thyristor Contact or unit.

SPECIAL FEATURES AVAILABLE ON REQUEST :

- Actuation - Hydraulic-Motor h Air Reservoir h RTap Change Switch h Refrigerated or closed circuit cooling h Voltage compensation h Other Voltages, Frequencies
- Special Purpose machines for /Special application, or Non Ferrous metals or Stainless and other exotic Steels electrode Special Tolong for projection Welding
- Special Locating jigs for Spot /Switch Welding h Geneva Index ablets h Automatic Feeders h Customer Ideas.

We also manufacture :

Arc, Butt and Seam Welding Machines; Salt Bath Furnace Transformer, Electronic Welder Controls, Electronic contractors etc

SPECIFICATIONS																			
Nominal Rating @ 50% Duty Cycle - kVA	30	50	75	100	150	200	300	400	500										
Standard Throat Depths (cms)	46	30	45	75	90	30	45	75	90	30	45	75	90	30	45	75	90	30	45
Max. Short Circuit Current (kA)	16	27	23	22	21	30	28	25	24	35	32	30	28	43	38	34	34	54	51
Max. Line Demand kVA (Approx.)	17	28	24	23	21	37	30	29	26	45	37	37	43	60	49	49	44	80	68
Nominal Electrode Force kfg. @ 5.62 kg/cm2 intel	120	190	165	15	14	237	233	22	21	450	655	35	35	640	525	52	50	1000	900
kva rating @ 100% Duty Cycle	1000	1000	450	1000	450	1800	1800	4100	2850	2300	4100	2850							
Nominal Ram Stroke (cms)	7.5	7.5	7.5	7.5	7.5	7.5	7.5	10											
Plateen for Projection Welders	— 100 x 100 —							— 150 x 150 —								— 800 x 200 —			
Projection Welders mm	56	63.5	63.5	63.5	63.5	63.5	63.5	76											
Spot Welders: Horn dia mm																			

Electrode Holder dia mm	25	31.5	31.5	31.5	38	3
Electrode Holder Taper (Morse No.)	2	2	2	2	3	
Electrode Holder Length Upper/Lower mm		200/300	200/300	200/300	200/300	200
CUSTOMER TO PROVIDE THE FOLLOWING SERVICES :		1) Power Supply at required instantaneous demand with re				
Mains Supply Cable size Copper MM2	40	60	95	150	250	4
Mains Disconnection Switch rating Amps.	100	150	250	300	600	6
Delay Action fuse	60	90	135	175	400	4
temp. of 300 Cand min A) for machine	10	10	12	16	24	2
pressure of 2.1 kgf/cm2 B) for thyristor /liters /min	10	8	8	8	16	1

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