

**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

	30	50	75	100	150	200	300	400	500
<b>Nominal Rating @ 50% Duty Cycle - kVA</b>	30	50	75	100	150	200	300	400	500
<b>Standard Throat Depths (cms)</b>	46	30	45	75	90	30	45	75	90
<b>Max. Short Circuit Current (kA)</b>	16	27	23	22	21	30	28	25	24
<b>Max. Line Demand kVA (Approx.)</b>	120	190	165	15	14	237	233	22	21
<b>Nominal Electrode Force kfg. @ 5.62 kg/cm2 intel</b>	1000	1000	450	1000	450	1800	1800	4100	2850
<b>kva rating @ 100% Duty Cycle</b>	22	35	53	71	107	1			
<b>Nominal Ram Stroke (cms)</b>	7.5	7.5	7.5	7.5	10	1			
<b>Plateen for Projection Welders</b>	— 100 x 100 —			— 150 x 150 —			— 800 x 200 —		
<b>Projection Welders mm</b>	56	63.5	63.5	63.5	76	7			
<b>Spot Welders: Horn dia mm</b>									

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

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