

Specifications of PVC Welding Machine.

1	<p><u>PVC Welding Machine</u></p> <p>Model No. MW600SS or Equivalent</p> <p>Make: STANELCO, UK or Equivalent</p> <p>Mobile/portable Solid state <u>high frequency plastic welder</u> along with tong-type portable hand applicator connected through extendable flexible leads to power unit/generator</p> <p>a. <u>Generator specification</u></p> <ol style="list-style-type: none">i. Radio frequency generator, Solid state, compact reliable design and portable/mobile.ii. Output power = 600-1200 Wiii. Frequency = 27.12 MHziv. Main supply = 220 V (Single phase + Gnd), 50Hzv. Digital Control, Air Cooled generator <p>b. <u>Hand Held Applicator</u></p> <ol style="list-style-type: none">i. Portable hand held applicator is light weight tong which is connected through extendable flexible leads to power unit/generator.ii. Jaws/Electrodes of hand held applicator is operated pneumatically or operated using solenoid valve.iii. Welding Electrode (Jaws) = 110×12 mm or 132×10 mmiv. Weld seam = 10-12 mmv. Throat depth = 255 mmvi. Thickness of 2-layers of PVC sheet/bag, to be welded = <u>0.3 to 1.5 mm</u>vii. Length of its flexible leads = 3-4.5 m <p>c. <u>Compatible Spares</u></p> <ol style="list-style-type: none">i) Compressor Kit for MW600SS or equivalent (220V)ii) Portable Hand Applicatoriii) Auto Matching networkiv) Contactor 9kW, 18A, 24VDCv) 24VDC power supplyvi) Electric logics modulevii) Timer Relay multi-functionviii) Timer 24VDCix) 110x 12 mm Electrodes (pair) or 132×10 mm (pair) <p><u>Note:</u></p> <ol style="list-style-type: none">i. Hand held applicator and its solid state generator of PVC welding machine should be compact, smart, easy to use/easy to trigger, reliable/durable design.ii. Provide complete literature/catalogue, maintenance, electrical drawings, manuals, operating manuals in English. Also provide Quality pass certificate.	01 No.
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