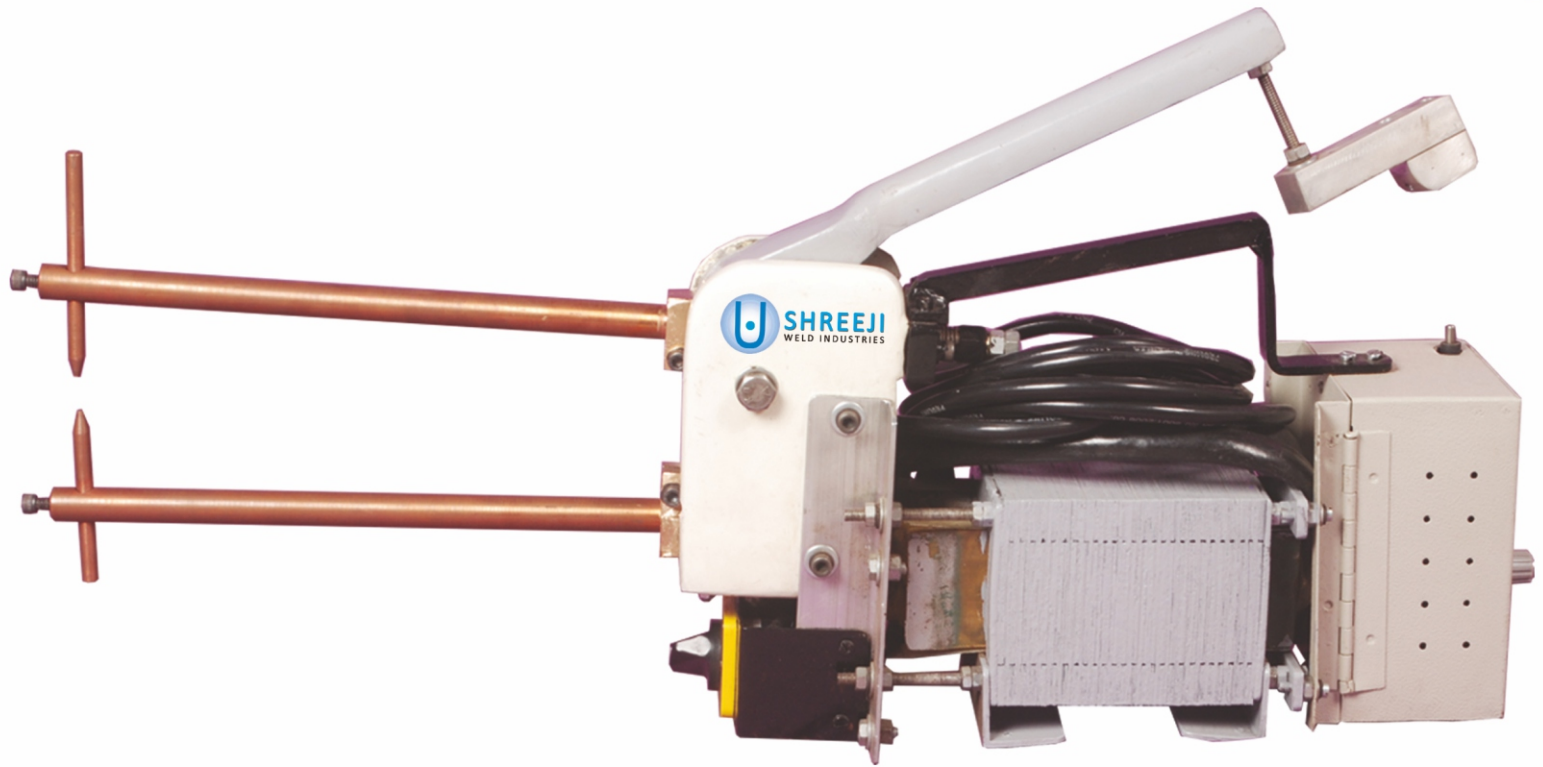




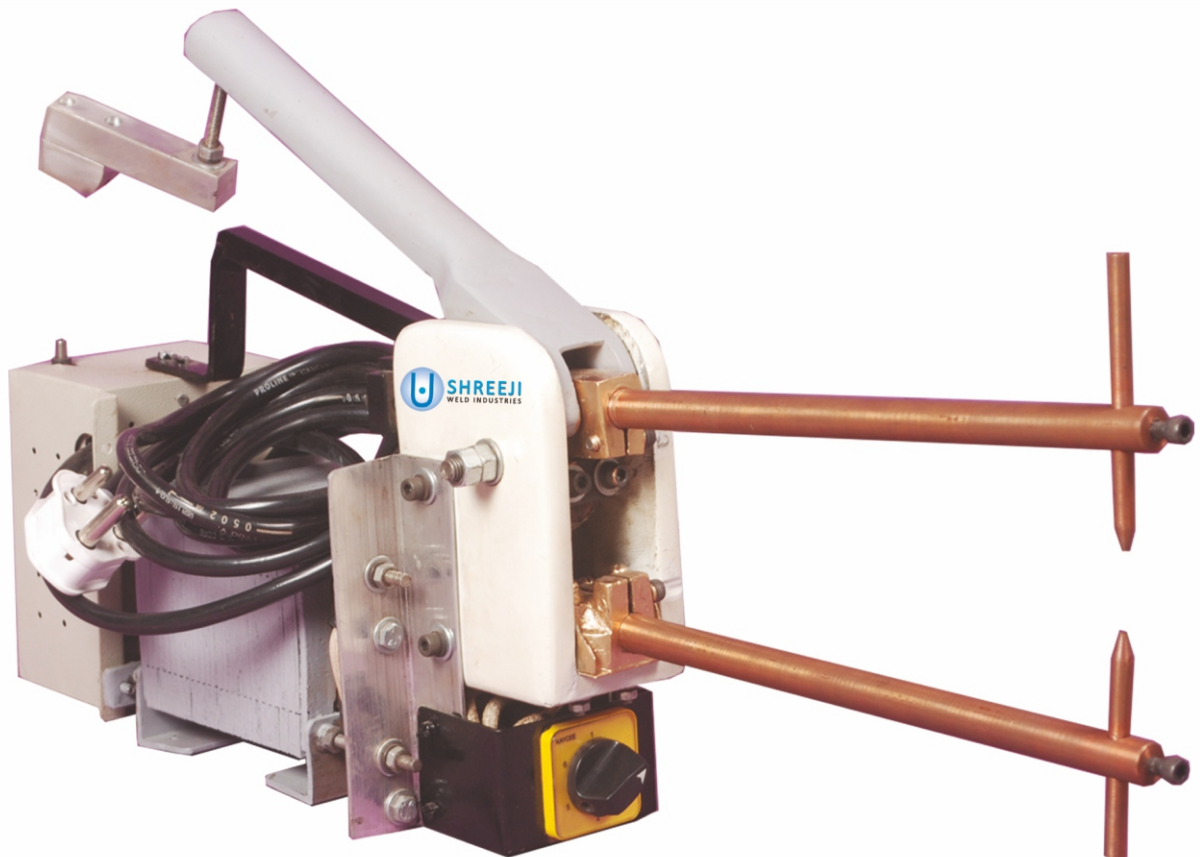
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# SHREEJI

## WELD INDUSTRIES



**PORTABLE PNEUMATICALLY OPERATED / HAND OPERATED  
SPOT WELDING GUNS WITH INTEGRATED TRANSFORMER**



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

# PORTABLE PNEUMATICALLY OPERATED / HAND OPERATED SPOT WELDING GUNS WITH INTEGRATED TRANSFORMER

**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 had on request.

**USERS INCLUDE :** But are not limited to general engineering work shops, makers of furniture, electrical instruments, containers, barrels and drums, telephone, radio communication devices, clocks kitchenware, textile machinery and spares, automobiles, bicycles, motor cycles, scooters, auto ancillaries, toys, air conditioners, refrigerators, 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.

**ELECTRODE FORCE :** In the Pneumatic Guns obtained from air compressor kept in the corner. In hand operated obtained by mechanical joint provided in the machine adjustable.

**ADJUSTMENT OF ELECTRODE FORCE :** By vertical adjustment of electrode.

**CURRENT CONTROL :** In Pneumatic machine by heat shift method thyristorised.

In hand operated by change of tap links.

**WELD INITIATION :** In Pneumatic machine by hand operated / foot operated limit switch.

In hand operated machines by hand operated limit switch

**ELECTRONIC CONTROL :** In Pneumatic operated thyristorised precision electronic control provided.

In hand operated machines solid state precision electronics timer provided.

## TECHNICAL SPECIFICATIONS -

Models	SPSP 1.5 HG	SPSP 2.5 HG	SPSP 10 PG	SPSP 15 PG	SPSP 20 PG	SPSP 30 PG
Rating @ 50% Duty Cycle (KVA)	1.5	2.5	10	15	20	30
Throat Depth	200	250	300	300	400	400
Nominal Throat clearance (mm)	80	80	80	100	150	150
Welding Range SS / MS Sheets Max. 2xmm	0.8	0.9	0.9	1.5	1.625	2
Thickness Min 2xmm	0.08	0.1	0.1	0.15	0.25	0.4
Max. available short circuit currents (K.A.)	5	7	7	8	11	12
Insulation class	F	F	F	F	F	F
Cooling for arms & Electrodes	Air	Air	Air	Air	Water	Water
Electrode stroke Max. (mm)	25	25	25	25	25	25
Mains supply Voltage (V)	230	230	415	415	415	415
Phase (Nos.)	1	1	2	2	2	2
Main supply cable size (copper mm <sup>2</sup> )	8	10	12	15	20	25
Main Disconnection switch (A)	15	20	25	30	45	70
Delayed Action Fuse (A)	15	20	25	30	45	70
Water at max. temp. of 30° C (lit/min)	2	3	3	3	3.5	3.5



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## SHREEJI WELD INDUSTRIES

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