



ARC WELDER

SINGLE / DOUBLE OPERATOR

COPPER WOUND



MODEL - SRT

INTRODUCTION:

It is designed to meet the needs of heavy type of jobs like : Rolling Mills, Sugar Mills, Shipyards, Maintenance of Machinery and all type of heavy fabrication.

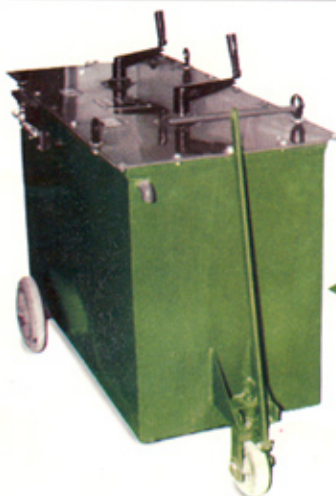
The set consists of a Heavy Duty transformer housed and secured by means of nuts and bolts in a heavy gauge steel plate tank with heavily wound Primary and Secondary coils submerged in oil to provide cooling. The current is controlled by means of Air Gap between Primary &

Secondary Coil.

The Sterco Arc welding transformers are manufactured in accordance with IS : 1851 (1997) specifications and designed to operate on 400 / 440 Volts 3 phase 50 cycles A.C. supply. It possesses the highest efficiency and mounted on three Cast Iron / Rubber wheels with front wheel swiveling and steerable by means of draw bar.

TECHNICAL SPECIFICATIONS

Model	SRT - 1	SRT - 2	SRT - 3	SRT - 7
Welding current regulator	Stepless Regulator			
Maximum output Amps	250	350	450	600
Maximum continuous hand welding current at 60 % duty cycles Amps	200	300	400	500
Continuous hand welding current at 100% duty cycles Amps.	120	180	240	360
Minimum hand welding current Amps.	50	50	50	100
Maximum electrode size in mm.	4	5	6	7
Minimum electrode size in mm.	2	2	2.5	3
Intermediate electrode size in mm.	5	6	7	8
Open Circuit Voltage	65	65	65	65
Maximum welding voltage	30	34	38	44
Minimum welding voltage	22	22	22	24
Primary circuit	380 / 440 V 50Hz, (2 phase of 3 phase A.C. Mains)			
K.V.A. Rating Maximum continuous hand welding current	13	19.5	26	32.5 KVA
K.V.A. Rating according to IS	7.8	12	16	24 KVA
Insulation class	A	A	A	A
Dimensions App. (LxBxH)	27x17x24	30x18x24	31x19x24	32x20x24
Nett weight without Oil (Apprx.)	190 Kg.	250 Kg.	290 Kg.	375 Kg.
Oil Capacity (in litres)	110	120	140	180



Double operator Arc welder specifications are as per above

**MODEL - SRT
(Double Operator)**

* Specifications of Models SRT - 4, SRT - 5, SRT - 6 are same as SRT 1, 2, 3 as above. Only difference is of input supply i.e. 380 / 440 volts 3 phase instead of two phases of three phase supply.

* For low hydrogen & special Electrode Deluxe Model are also available with high OCV 80-100 Volts

Note: We reserve the right to change design and modify specifications of the discretion of our technical department.

Mfd. By :

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OUR OTHER PRODUCTS :-

* Servo Voltage Stabilizer * D.C. Welding Rectifier * Rocker Arm Spot Welder (Pedal / Pneumatic) * Wire/ Strip Butt Welder * Band Saw Butt Welder * Heating/Annealing equipment * Electroplating Rectifier * Auto variable Transformers * All type of Welding Accessories