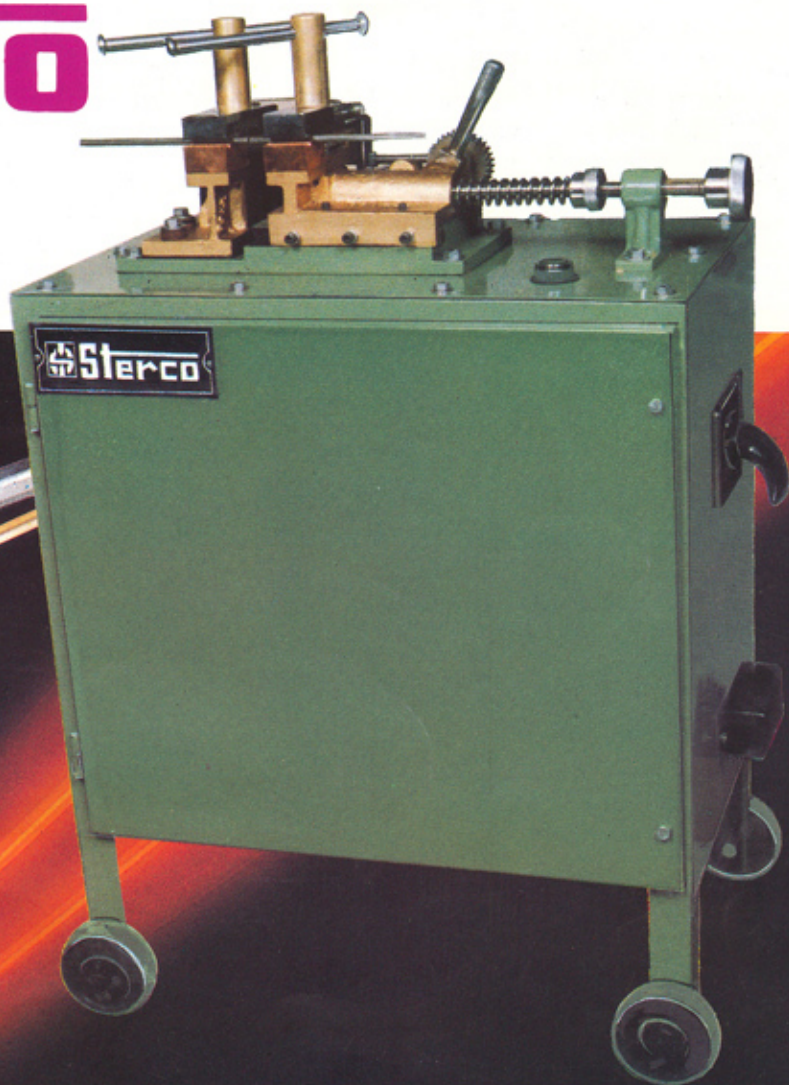


# Sterco

**WIRE BUTT  
WELDER**



**MODEL-R**



# Sterco

## WIRE BUTT WELDERS

### MODEL-R COPPER WOUND

**STERCO** Butt Welding machines are designed & developed. With outstanding dependability, exceptional accuracy for Butt joining of wires/rods of mild steel Carbon Steel, Steel Alloys Copper, Aluminium and Brass etc. by bringing together under pressure the ends of the parts to be welded and by applying short circuit current to the joints. The jaws of the machines are arranged in such a way so as to make possible the welding of wires over a considerably wide range of diameters of specially shaped cross section. Mechanical timer is provided in which it is automatically tripped, after the job is done. The welded joint can withstand high tensile, and can be drawn upto minimum size.

**TRANSFORMER :** The transformer of the machines is of special type, conforming to International Standard Specifications Primary and secondary are of solid electrolytic copper of ample section, suitable for withstanding continuously temperature of 155°C. This Transformer is fitted in a light welded framework.

**REGULATOR :** A regulator is provided on the primary side with 8 different stages to control the current according to the requirement.

**ANNEALING :** The same Jaws can be used for Annealing with extended Jaws.

ADDITIONAL FACILITIES FOR ANNEALING CAN BE PROVIDED AT EXTRA COST.

1. Extended annealing jaws from 4" to 10"
2. Seperate heat regulator for annealing with foot switch
3. Annealing time will be control automatically by providing an electronic timer.
4. Lighting lamp with flexible stand.

#### TECHNICAL SPECIFICATIONS

MODEL	R - 1	R - 2	R - 3	R - 4	R - 5	R - 6	R - 7
KVA	6	10	15	25	35	50	75
Input supply	220-440 Single phase Two lines of Three phase,	380/440 Volts Two lines of Three phase,	AC 50HZ				
Max. dia of wires weldable							
Steel	5mm	8mm	10mm	12mm	15 mm	19mm	22 mm
Copper	4mm	5mm	6mm	8mm	10mm	12mm	14 mm
Aluminium	5mm	8mm	10mm	12mm	15mm	19mm	22 mm
Minimum wires weldable-							
Steel	2mm	2.5mm	3mm	3mm	4mm	6mm	8 mm
Coper	2mm	2.5mm	3mm	3mm	4mm	6mm	8 mm
Aluminium	2.5mm	2.5mm	3mm	8mm	4mm	6mm	8 mm
Nos. of adjusting	8 Taps	8	8	8	8	8	8

We reserve the right to change design and modify specifacaitons at the discretion of our techinal department.



Manufactured by :

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Grams.: TEWELDING