

WELDCRAFT ARC WELDING TRANSFORMERS

GENERAL:

Ideally suitable for maintenance jobs, grill mfrs, garages, chemical plants. Residential buildings, sheet metal works, overhead tank installation etc.

Range: Available in 2 models, MW - 4 and MW - 6 of 4 & 6 KVA insulation. Machines are copper wound with fiber - glass (F—Class), Weighing only 30/35 Kgs. Machines have very convenient On-off switch & 3-core cable is provided for input supply and works on 220/230 Volts Single Phase, 50 C/s AC mains.

SCOPE & APPLICATIONS:

AC ARC Welding Transformers regulator type extensively used today as power source for most of the manual arc welding jobs with bare rods & coated electrodes, also used as a power source for fig welding of aluminum & aluminum alloys. Typical examples are light medium heavy structural work general-purpose maintenance and fabrication works.

RANGE & MODELS:

AOR—Series The range of high reliability Heavy Duty Air-cooled welding transformers available in 200 A, 300 A, 400 A, & 500 A capacity with fiber-glass insulation (F—class) eliminates use of costly transformer oil

ACR & AAR—Series The range consists of 4 economical 200 A, 250 A, 300 A, 400 A. medium duty Air & Oil - cooled welding Transformers.



DESIGN FEATURES:

- Modern, sturdy and trivialized design
- Attractive appearance
- Made from high grade Materials.
- Exact current setting to suit a wide range of welding jobs by means of step less regulation system.
- Fine dynamic and static characteristics
- Easy arc striking and excellent arc stability
- Negligible maintenance requirements
- Portability from job to job
- Machines conform to latest Indian Standards

ACCESSORIES:

Standard set of welding accessories supplied at extra cost.

TECHNICAL SPECIFICATIONS:

MODEL	200	300	400	500
Welding Current Range	35 to 200A	35 to 300A	70 to 400A	80 to 500A
Welding Volts Range	24 to 32V	24 to 32V	25 to 38V	25 to 42V
Continuous Hand Welding Current @ 55% duty cycle	150 Amps	240 Amps	300 Amps	400 Amps
Max. Intermittent Current @ 35% duty cycle	200 Amps	300 Amps	400 Amps	500 Amps
Continuous Welding Current @ 100% duty cycle	105 Amps	170 Amps	210 Amps	300 Amps
Open Circuit Voltage	60 V	65 V	65 V	65 V
Electrode size (Continuous)	8 -16 Swg	6 -16 Swg	4 -14 Swg	2 -12 Swg
Electrode size (Intermittent)	6 Swg	4 Swg	2 Swg	0 Swg
Rated KVA	8 KVA	15K A	21 KVA	25 KVA
Fuse Rating (Max) at 440 V	20 Amps	45 Amps	55 Amps	65 A
Primary supply: The set can be connected to Two Lines of 380/440 volts 3 phase 50 Hz AC supply.				
Welding Transformers are available for Single Phase as well as Two Phase connection as per customer's specifications				
Also available stud Type Transformers.				

TECHNICAL SPECIFICATION:

Model	MW - 4	MW - 6
Welding Current Range	60 -100 Amps.	60 -150 Amps.
Max. Rating	4 KVA	6 KVA
Fuse Rating	25 Amps	30 Amps
OCV.	50 Volts	50 Volts
Duty Cycle	40%	40%
Electrode Size	12-10 SWG	12-10 8 (Int.) SWG
Insulation	F-Class	F-Class
Weight	30 Kgs.	35 Kgs.
Dimensions	330 x 280 x 250 mm.	
Mains Supply	AC 220/230 Volts Single Phase 50 C/s	

Other Products:

▪ AC/DC Transformers	▪ Rectifiers	▪ Butt Welders	▪ Spot Welders
▪ Mig / Tig M/cs	▪ Stud Welders	▪ Accessories / Spares	▪ Cr Cu Electrodes / Tips

 MACHINERY FOR WELDING	Weldcraft Engineers 68, Vishal Ind. Estate, 2 nd Floor, Opp. Ceat Tyres, Village Road, Bhandup, Mumbai – 78 Tel: 22-2566 9039 (O), 22-2522 4251 (R / F) Email: info@weldcraftengineers.com Website: www.weldcraftengineers.com
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As efforts are constantly being made to improve both design and methods of manufacture, machines supplied may differ in details from the illustrations and specifications given.