

TRANSDUCTOR TYPE ARC WELDING MACHINE

POWER SOURCE.

WTR-Series is magnetic amplifier type welding rectifier with an efficient electrical design.

These welding Rectifiers are designed for round the clock welding applications.

The use of three phase full wave Silicon rectifier along with a well designed magnetic amplifier gives a smooth and steady arc with minimum spatter and excellent welding characteristics.

Warp welding rectifiers are ideally suitable D.C power source for normal metal arc welding and TIG Welding.



FEATURES

- Efficient electrical design.
- Two ranges of current selection.
- Fully copper wound transformer with 'H' class insulation.
- Compact and sturdy with an aesthetic exterior.
- Easily maneuverable.
- Negligible maintenance.
- Fully Powder coated cabinet.



HIGH FREQUENCY UNIT (Model WHF-450W)

Tungsten inert gas (TIG), also known as argon arc welding with D.C power source is widely used for welding of wide range of metals like stainless steel, copper nickel, Titanium and their alloys.

Here an arc is struck between non-consumable tungsten electrode and the work piece by a high voltage at high frequency.

Technical Specifications

Description	Input Power (KVA)	Current Range (A)	Weight (Kg)
WTR - 400	28	20-400	290
WTR - 500	36	30-500	330
WTR - 600	47	50-600	340
Supply Voltage – 380-440 V 3-Phase 50 Hz Supply			
Open Circuit voltage – 80 Volts			
Insulation Grade – H			
Cooling Mode – Forced Air			
Duty Cycle – 60% - (40°C & 10 Min.)			

Specifications may subjected to change without notice.