

# TR-250 TR-400 TR-500

*Air cooled welding transformers*

**Stepless  
Control**

## AC Welding Machines for wide industrial usage

The TR Series Transformers are built by integrating a robust and functional design and safety features meant for high performance welding jobs. The equipment is best suited for light, medium and heavy duty structural work, machine building and general fabrication work. It can also be used as a power source for Gas Tungsten Arc Welding (TIG) for aluminium, magnesium and their alloys. The fan cooled design ensures efficient cooling thereby increasing thermal capacity and life of the equipment. It is designed and constructed for connecting to 2 lines of AC 3 phase, 415V, 50Hz input supply. The output current control is effected by a controlling handle in the front panel of the set.



### Economical

Excellent dynamic characteristics ensures easy arc striking/re-striking, smooth arc, low spatter and high metal recovery resulting in lower consumption of electrodes.

### Stepless and smooth current variation

Step-less and smooth current variation by optimally designed moving core magnetic shunt.

### Easy operation

Current variation from minimum to maximum in a single range means no need for the operator to change links.

### Fine adjustment

Current variation possible even during welding ensuring fine and accurate adjustment.

### Uniform torque

Horizontal movement of shunt core ensures uniform torque while decreasing or increasing current.

### Compact and durable

Robust yet compact and light construction facilitates rough handling as well as easy maneuverability.