

## INVERTER BASED SMAW/MIG/MAG WELDING MACHINE

Union Series welders are Multi process Welding Equipment which can be used for GMAW/FCAW/SMAW & GTAW with Scratch start. These machines uses advanced wave control technology. Machines are available in 400/500 Amps range.

### Features

- IGBT based inverter technology, low spatter.
- Continuous adjustment of welding voltage and current.
- Slow start facilitates easy arc striking.
- Reduced melting ball at the end of welding.
- High operating frequency hence small size and weight.
- High Power Factor & Efficiency.
- Preset Digital Display for voltage and current gradient.
- CC CV /Mutiprocess power source.

### Basic Outfits

Power Source, Wire Feeder, MIG Torch 3 Mtr. Length Co2 Regulator flow meter and Heater, 5 Mtr. Interconnecting Cable, Earthing Cable with Clamp.

### Optional Accessories

Extended Interconnecting Cable

**Note : Package with Scope of Supply other than above is available on request.**

### Technical Specifications

Model	Input Power (KVA)	Current Range (A)	Voltage Range (V)	Duty Cycle (%)	Weight (Kg)	Dimension (L x W x H mm)
UNION 400 I	17.5	50~400	17~40	100%	43	600 x300 x 560
UNION 500 I	25	50~500	17~50	100%	46	600 x300 x 560
Input Supply – 380~440 V 3-Phase 50Hz Supply						
Efficiency at full load (%) – 89						
Open Circuit Voltage - 60 - 70 Volts DC						
Power Factor 0.87						
Wire Feed Speed(m/min) - 1.3~21 m/min				Torch Connection EURO type		
Motor Type - Print Motor			Two Roll Drive			
Wire Feeder Weight-10 kg						

