



WE1000S



WELDING PROCESS



SMAW
(MMA/Stick)



GTAW (TIG)
(Scratch-start)



Gouging



SAW

MODEL	WE1000S
Input Supply	415 V ± 10%, 3-ph, 50 / 60 Hz (Standard) 460 V + 5% / - 10%, 3-ph, 50 / 60 Hz (Optional)
Rated Input Power	50.2 kVA
Idling Input Current	0.5 A (Max.)
Output OCV (CC)	60 V dc (Max.) *
Output Current Range (CC)	20 – 1000 A
Rated Output @ 70% Duty Cycle	1000 A / 44 V
Rated Output @ 100% Duty Cycle	840 A / 40 V
SAW Control Voltage	110 V, 1-ph, ac
Dimensions (W x H x D)	(650 x 625 x 580) mm
Weight	119.5 kg

* Reduced Open Circuit Voltage (VRD) available on request

WELDING FEATURES

- Stepless **Current** control.
- **Panel / Remote** control selection.
- Built in **Arc-force** (MMA) for anti-stick of electrodes and dynamic control of low Hydrogen and Cellulose electrodes.
- Built in **hot-start** (MMA) for easy arc-striking.
- Suitable for scratch-start **TIG** welding.
- Suitable for **high current** submerged arc welding (SAW) with long cable.

GOUGING FEATURES

- Powerful gouging up to 1/2" rod.
- Long cable capability.

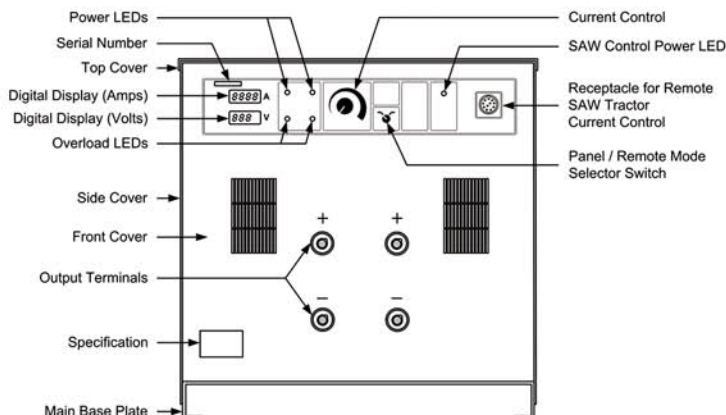
GENERAL FEATURES

- **Inverter** technology.
- **Heavy-duty, Rugged** and **Light-weight**.
- **Welder** friendly controls.
- **Energy** efficient & **Generator** friendly - Low kVA demand.
- **Maintenance** and Service friendly.
- **Digital display**-current & voltage.
- Ideal for **harshest** environment and meets the requirement of quality welding in shipyards, pipelines, constructions, petrochemical plants, offshore works and workshops.

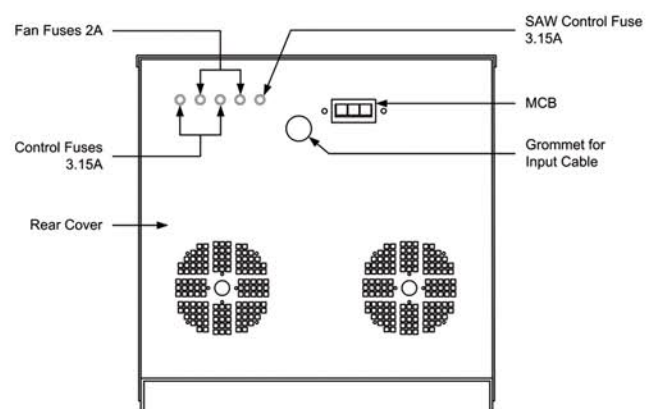
SAFETY FEATURES

- **MCB & Fuses** for fault protection.
- Under voltage, thermal overload & current limit protection.

FRONT PANEL



REAR PANEL

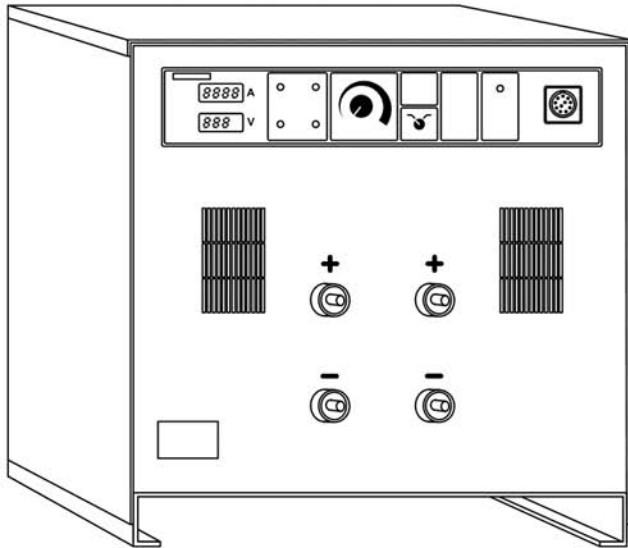
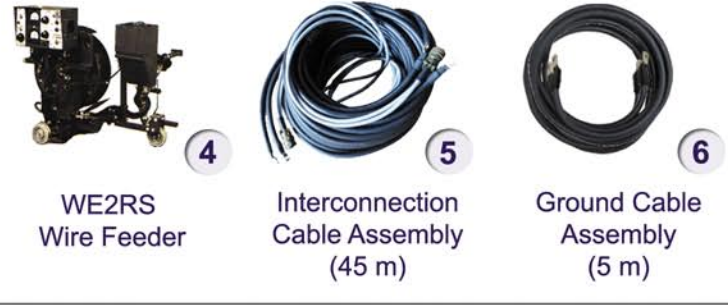


STANDARD

GOUGING PACKAGE

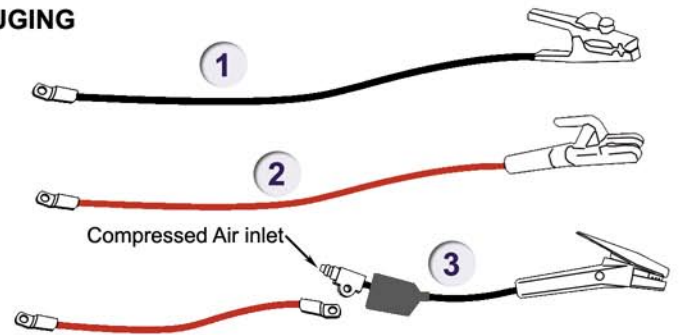


SAW PACKAGE

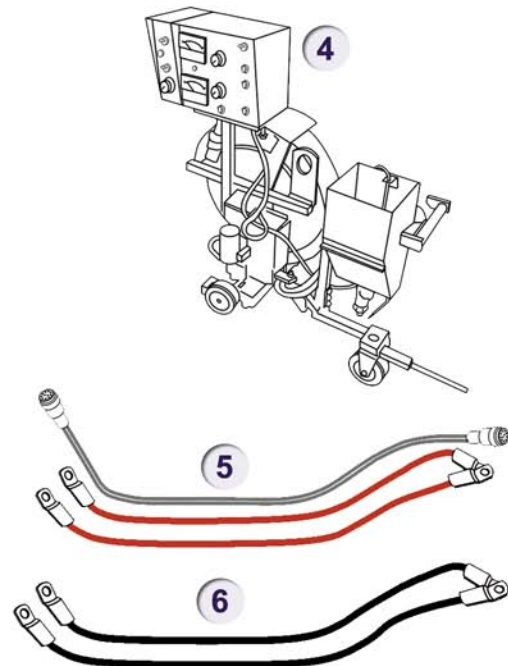


WE1000S

GOUGING



SAW



OPTIONALS



WE2RS Track (1.7 m)



WER101UNI Remote Current / Volt Control Unit (with 10 m cable)