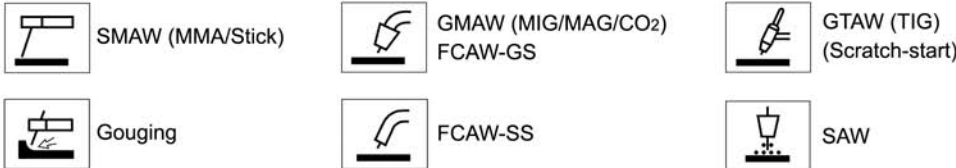




WE1000UNI



WELDING PROCESS



MODEL	WE1000UNI
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
OCV Range (CV)	1.5 – 48 V dc *
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
MIG Control Voltage	25 V, 1-ph, ac
Dimensions (W x H x D)	(650 x 625 x 580) mm
Weight	122 kg

* Reduced Open Circuit Voltage (VRD) available on request

WELDING FEATURES

- **CC / CV** process selection.
- **Panel / Remote** control selection.
- Built in **hot-start** for better arc-striking and **Arc-force (MMA)** for anti-stick of electrodes and dynamic control of low Hydrogen and Cellulose electrodes.
- Adjustable electronic **inductance** control (MIG) for smooth and spatterless welding. Compatible with Weldman wire feeders.
- Compatible with remote **HF TIG** control unit (WERT301).
- Suitable for **high current** submerged arc welding (SAW) with long cable.

GOUGING FEATURES

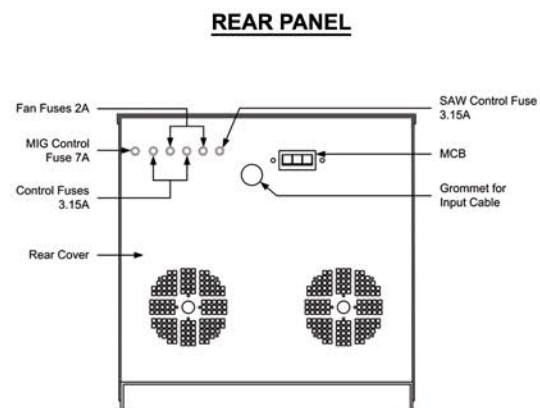
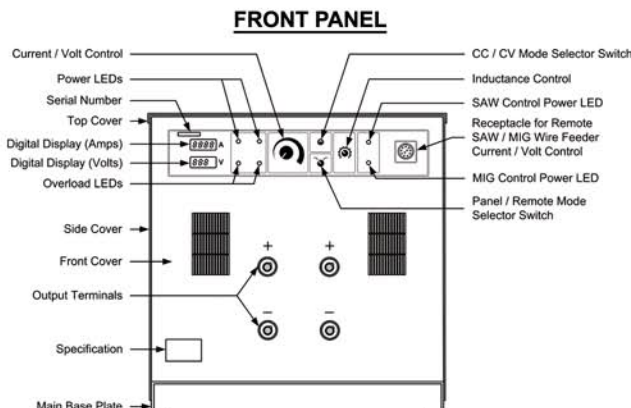
- Powerful gouging up to 1/2" rod.
- Long cable capability.

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.

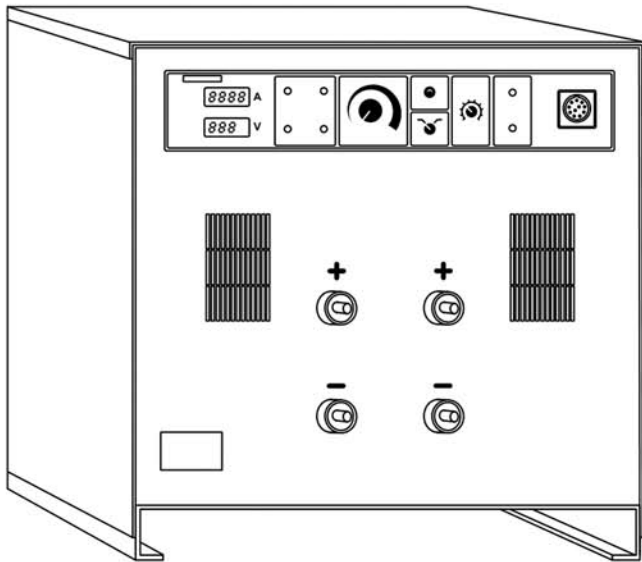


STANDARD

GOUGING PACKAGE

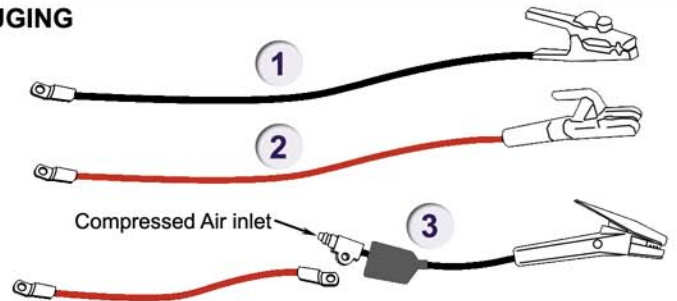


SAW PACKAGE

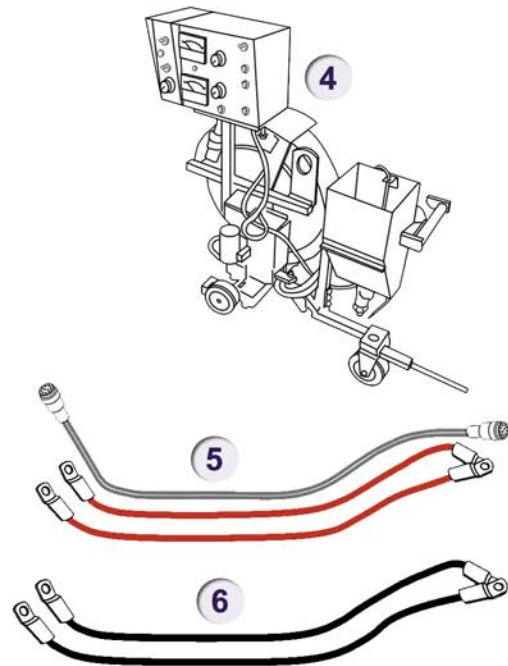


WE1000UNI

GOUGING



SAW



OPTIONALS

