

TERRA 500 RC

Welding process

- MMA(Electrode)
- AirCarbonArc gouging

Materials

- Carbon steels
- Stainlesssteels
- Castirons
- Aluminum and aluminum alloys

Applications

- Light job shop fabrication
- Medium-heavy job shop fabrication
- Heavy job shop fabrication
- Buildingsites
- Shipyards
- Plants machinery construction
- Oil refinery plants construction
- Repair and overhaul
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- Workshops



Technical features

- New generation inverter technology power source (patented 3-level technology)
- High power at 100% of duty cycle
- Heavy duty and environmental conditions, high service life
- CAN fieldbus digital communication protocol system (very high speed and high reliability digital communication)
- Software based controls can be upgraded as new features become available
- Extremely rugged, reliable and easy -to-use systems
- High temperature, shockproof, abrasion resistant plastic case
- Air flow ducting and fully encapsulated PC board to avoid dust contamination
- Full digital and user-friendly control panel
- Excellent performances also with long power supply extension cables
- Easy and accurate adjustments
- Fully microprocessor controlled welding process
- Ideal for stick welding with multiple types of popular electrodes
- Built-in adjustable arc control features (hot start, arc force, antisticking)
- Reduced electromagnetic interference with lift start TIG welding
- Current socket (panel) 50/70 mm²
- Remote control compatible

Power source

			P	X%			P.F.	I₂	U_o	IP	mm l x w x h	kg
TERRA 500 RC	3x400V	40A	29,7kVA 22,2kW	40°C 50% 40°C 60% 40°C 100% 25°C 80% 25°C 100%	500A 470A 420A 500A 470A	0,74	3-500A	61V	23S	620x240x460mm	27,3kg	

CONFIGURATIONS

TERRA 500 RC - MMA welding configuration

		AC
55.12.017	TERRA 500 RC 3X400V	B
71.05.013	WORK CABLE - 50mm ² - L.4m	A
71.04.004	STICK ELECTRODE HOLDER - POWER CABLE 50mm ² - L.4m	A