

TERRA 270/350 RC

Welding process

- MMA(Electrode)
- TIGDCliftstart

Materials

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

Applications

- Lightjobshopfabrication
- Medium-heavyjobshopfabrication
- Heavyjobshopfabrication
- Buildingsites
- Shipyards
- Plantsmachineryconstruction
- Oilrefineryplantsconstruction
- Repairandoverhaul
- Repairandoverhaul
- 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
- Airflow 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 stickwelding 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
- Remotecontrol compatible

Power source

			P	X%	P.F.	I₂	U_o	IP		
									mm l x w x h	Kg
TERRA 270 RC	3x400V	16A	14,0kVA 9,7kW	40°C 40% 270A 40°C 60% 255A 40°C 100% 240A	0,70	3-270A	70V	23S	500x190x400mm	16,1kg
TERRA 350 RC	3x400V	25A	19,0kVA 13,9kW	40°C 40% 350A 40°C 60% 310A 40°C 100% 290A	0,73	3-350A	70V	23S	500x190x400mm	16,5kg

CONFIGURATIONS

TERRA 270 RC - MMA welding configuration

AC

55.12.014	TERRA 270 RC 3X400V	A
71.05.012	WORK CABLE - 35mm ² - L.4m	A
71.04.003	STICK ELECTRODE HOLDER - POWER CABLE 35mm ² - L.4m	A

TERRA 350 RC - MMA welding configuration

AC

55.12.015	TERRA 350 RC 3X400V	A
71.05.013	WORK CABLE - 50mm ² - L.4m	A
71.04.004	STICK ELECTRODE HOLDER - POWER CABLE 50mm ² - L.4m	A