

IMS 400 TRI

MMA (SMAW) / TIG (GTAW) LIFT INVERTER - 20 → 400 A

Ref. 037816 - 400 V - 3φ



With inverter technology, the 400 TRI is a 3-phase MMA (SMAW) / TIG (GTAW) welding power source with exceptional welding performance. Featuring advanced electronics, this product guarantees maximum productivity, even in harsh environments. Its switchable Voltage Reduction Device (VRD) protects the welder in hazardous areas (mines, chemical and petrochemical installations, shipyards, etc.).

MMA (SMAW) / TIG Lift (GTAW)

- **MMA (SMAW)** : rutile (6013), basic (7018) and cellulosic (6010) electrodes (up to Ø6 mm)
- **Arc gouging** with carbon electrodes (up to Ø6.4 mm),
- **TIG (GTAW)** process with LIFT arc ignition (Ø1.0 to 3.2 mm).

WELDING AIDS

- **Adjustable Hot Start** for a better arc ignition.
- **Adjustable Arc Force** : temporary current increase when welding in difficult situations.
- **Antisticking** : reduce the risk of the electrode sticking to the metal when in contact.

HEAVY DUTY

- **High duty cycle** : 400A @ 60%.
- **High no-load voltage** (84V) for a good arc dynamic and to facilitate the arc ignition for cellulosic (6010) electrodes.
- **Optimised cooling** thanks to the air-tight ventilation corridor that helps insulating the electronic components from the dust.

SIMPLE AND ACCESSIBLE

- Current / voltage display when welding.
- **Intuitive display** with knobs designed to be operated while wearing gloves.
- Optional remote control (ref. 045675).

WELDER'S PROTECTION

- **VRD** (Voltage Reduction Device) can be activated via an internal switch to lower no-load voltage down to 20V for safety reasons.

STURDY

- Reinforced structure.
- 2 steel handles for easy manipulation.
- IP 23 classification for outside use.

ACCESSORIES (options)



MMA kit
500A - 4 m - 50 mm²
047419



RC-HA1 - 8 m
Remote control
045675



Gouging torch
1 000A - 5.6 bars
041516



Adaptater
5 m - 70 mm²
040670



Gouging electrode
Ø6.4 (x 50)
086081



Trolley JOB SITE XL
039568

Gouging accessories:



Supplied without accessories



Arc Force

Hot Start

Welding current

Voltage display when welding
No-load voltage display (after welding)

			I ₂ MMA	I ₂ TIG	INTEGRATED TECHNOLOGY					EN 60974-1 (40 °C)	U ₀			IP		Protected & compatible power generator (+/-15%)
	50/60 Hz	A	A	A	HS	AF	TIG Lift	SR	AD	CEL	X (40 °C)	V	cm	kg		
	400 V - 3~	32	20 → 400	20 → 400	■	■	■	■	■	■	400 A @ 60 % 350 A @ 100 %	84	58 x 52 x 30	37,5	IP 23	30 kW 36 kVA