

With inverter technology, the **PROGYS 300 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), cellulosic (6010) and aluminium electrodes (up to Ø6 mm)
- **Arc gouging** with carbon electrodes (up to Ø5 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** : 300A @ 60%.
- **High no-load voltage** (83V) 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.
- IP 23 classification for outside use.

## ACCESSORIES (options)



MMA kit  
300 A - 4 m - 35 mm<sup>2</sup>  
038295



RC-HA1 - 8 m  
Remote control  
045675



Gouging torch  
1 000A - 5.6 bars  
041516



Adaptater  
5 m - 70 mm<sup>2</sup>  
040670



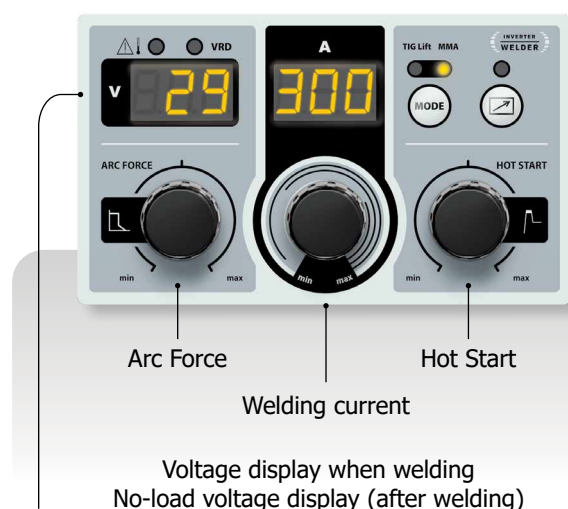
Gouging electrode  
Ø5 (x 50)  
069756



Trolley JOB SITE XL  
039568



Supplied without accessories



Gouging accessories:

50/60 Hz	A	3 m	I <sub>2</sub> MMA A	I <sub>2</sub> TIG A	INTEGRATED TECHNOLOGY								MMA / TIG			U <sub>0</sub> V	cm	kg	IP	Protected & compatible power generator (+/-15%)
					HS	AF	TIG Lift	SR	AD	CEL	Alu	IA (60%)	X% (I <sub>2</sub> max)	100%						
400 V - 3~	20	3 m	20 → 300	20 → 300	▪	▪	▪	▪	▪	▪	▪	300 A	60 %	230 A	83	54 × 46 × 28.3	26	IP 23	10 kW	12.5 kVA