

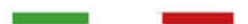
[www.ceaweld.com](http://www.ceaweld.com)



**CEA**

**MIG/MAG**

made in italy  
SINCE 1950





## TREO / TREOSTAR / TREOSTAR PULSE

### COMPACT AND POWERFUL

#### MIG-MAG INVERTER PORTABLE EQUIPMENT

TREO and TREOSTAR are high performance multiprocess (MIG/MAG, MMA and TIG "Lift") single phase synergic inverter equipment.

TREOSTAR PULSE additionally enables to weld also with PULSE and DUAL PULSE.

#### TREO 181/TREOSTAR 1800



#### TREOSTAR 2000 PULSE



## High welding performance

TREO, with a simpler interface and TREOSTAR both offer high quality welding characteristics on all materials and mostly on stainless steel, aluminium and zinc coated steel, by really minimizing any reworking job caused by spatters.



## Great flexibility in use and portability

Versatile, light, easy-to-carry and user friendly, TREO and TREOSTAR power sources, because of their high technological conception, are unique in any external and internal maintenance application, car body repair, agriculture and light fabrication work.

## Other characteristics

- Digital control of the welding parameters with synergic curves preset
- User friendly and easy-to-use selection and recalling of the parameters and programs
- Built-in polarity changeover facility
- Smart "PROGRAM" key for quickly selecting any program
- Professional wire feeding mechanism with Ø 37 mm large rolls
- Double groove rolls replaceable without any tool
- "Energy saving" function to operate the power source cooling fan only when necessary ( Treostar / Treostar Pulse )
- Kit for Ø 300 mm coils (optional)



## TECHNICAL FEATURES



### VISION.ARC

Thanks to vision.ARC, the electric arc is monitored continuously by the microprocessor which manages the welding process in real time: all the parameters are processed and modified by the control that digitally manages the short circuits of MIG-MAG, keeping the arc stable and precise despite any change of the external conditions. The welding process is always under control from arc striking, by Wire Start Control (WSC), to when the arc is interrupted by Burn-Back Control.

### VISION.PULSE

vision.PULSE allows a constantly controlled short arc pulse welding, by optimizing the results of traditional pulse welding. This enables to reduce the high heat input, typical in pulse welding, with a consequent reduction in distortions, an improvement off the puddle and considerable increase in welding speed too.



### DUAL.PULSE

Dual.PULSE favours a further reduction in the heat transfer to the workpiece by minimizing its deformation and it produces premium quality aesthetic beads similar to TIG finishing. Dual.PULSE is extremely useful when welding aluminium and stainless steel.

Available accessories

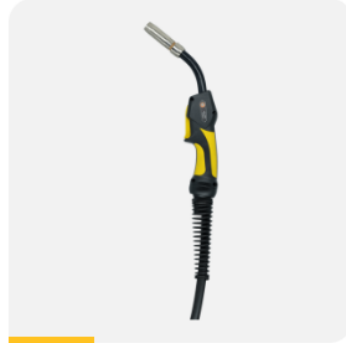
## DISCOVER ALL AVAILABLE ACCESSORIES



**TROLLEY VT 101**  
234929



**RETROFIT KIT ADAPTOR  
FOR Ø 300 MM WIRE  
SPOOL**  
031162



**CEA TORCH CX 251/3**  
020458



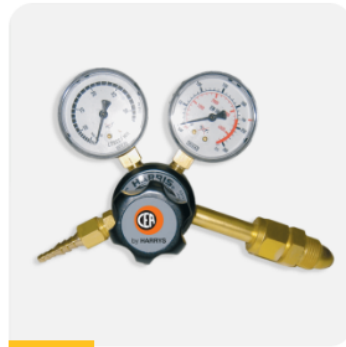
**CEA TORCH CX 251/4**  
020459



**CEA TORCH C 25/3**  
020421



**CEA TORCH RTX 17.4**  
020558



**REDUCER WITH 2  
MANOMETERS**  
020855

Datasheet

## TREO / TREOSTAR / TREOSTAR PULSE: TECHNICAL FEATURES

TECHNICAL DATA			TREO 181			TREOSTAR 1800			TREOSTAR 2000 PULSE		
			MIG/MAG	TIG	MMA	MIG/MAG	TIG	MMA	MIG/MAG	TIG	MMA
Single phase 50/60 Hz	V	+10% -10%	230			230			230		
Input Power @ I <sub>2</sub> Max	kVA		8,2	6,4	7,4	8,3	6,3	7,8	10	6,3	7,8
Delayed Fuse (I eff)	A		16			16			16		
Power Factor / cos φ			0.67/0,99			0,63/0,99			0,64/0,99		
Efficiency Degree			0,82			0,80			0,80		
Open circuit voltage	V		80			60			60		
Current range	A		15-180	10- 180	10- 160	10-175	5-175	10-175	10-200	5-175	10-175
Duty cycle at (40°C)	A 100%		75	75	75	100	100	90	100	100	90
	A 60%		100	100	100	115	115	110	115	115	110
	A X%		180 (15%)	180 (15%)	150 (15%)	175(20%)	175(20%)	175(10%)	200(15%)	175(20%)	175(10%)
Wires	∅ mm		0,6-1,2	–	–	0,6-1,2	–	–	0,6-1,2	–	–
Coil	∅ mm		200 max (300 opt.)	–	–	200 max (300 opt.)	–	–	200 max (300 opt.)	–	–
Standards			EN 60974-1 • EN 60974-5 • EN 60974-10								
			<b>S</b>								
Protection Class	IP		23S			23S			23S		
Dimensions (LxWxH)	mm		500 x 220 x 425			500 x 220 x 425			500 x 220 x 425		
Weight	kg		11,5			16			16		



WELDING TOGETHER

---

[www.ceaweld.com](http://www.ceaweld.com)

