



TREO / TREOSTAR / TREOSTAR PULSE

WELDING PERFORMANCE OVER THE EXPECTATION



TREO / TREOSTAR



TREOSTAR PULSE

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, 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.

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.



- Multi-process synergic equipment
- High welding performance
- Great flexibility in use and portability

TREO / TREOSTAR / TREOSTAR PULSE FEATURES

- Digital control of the welding parameters with synergic curves preset according to used type of material, gas and wire diameter
- User friendly and easy-to-use selection and recalling of the parameters and welding programs
- Built-in polarity changeover facility for most common gas and gasless wires
- Control rack protection cover
- 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)
- Possibility of using Ø 300 mm coils by means of the Retrofit Kit (optional)



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TECHNICAL DATA		TREO 181			TREOSTAR 1800			TREOSTAR 2000 PULSE		
		MIG/MAG	TIG	MMA	MIG/MAG	TIG	MMA	MIG/MAG	TIG	MMA
Single phase input 50/60 Hz	V +10% -10%		230		230		230		230	
Input Power @ I ² 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		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	Ø mm	0,6 - 1,2	-	-	0,6 - 1,2	-	-	0,6 - 1,2	-	-
Coil	Ø mm	200max (300*)	-	-	200max (300*)	-	-	200max (300*)	-	-
Standards					EN 60974-1 • EN 60974-5 • EN 60974-10- [S]					
Protection Class	IP		23 S		23 S		23 S		23 S	
Dimensions (L x W x H)	mm		500 X 220 X 425		500 X 220 X 425		500 X 220 X 425		500 X 220 X 425	
Weight	Kg		14,5		16		16		16	

* optional



031162 + 420430 - Retrofit kit adaptor for Ø 300 mm wire spool kg 15



234929 - Trolley VT 101 for power source and cylinder



TREO 181



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ORDER INFORMATION

CODE	DESCRIPTION	TREO 181	TREOSTAR 1800	TREOSTAR 2000 PULSE
POWER SOURCES WITH TORCH				
003852	Power Source TREO 181 230V-1 ph for Ø 200 mm wire spool; interchangeable polarity; complete with: C 15 3m CEA torch, 16 mm ² / 3 m Ground cable and rolls for wire Ø 0,6÷0,8 mm	●		
003867	Power Source TREOSTAR 1800 230V-1 ph for Ø 200 mm wire spool; interchangeable polarity; complete with: C 15 3m CEA torch, 16 mm ² / 3 m Ground cable and rolls for wire Ø 0,6÷0,8 mm		●	
003876	Power Source TREOSTAR 2000 PULSE 230V-1 ph for Ø 200 mm wire spool; interchangeable polarity; complete with: C 25 3m CEA torch, 16 mm ² /3 m Ground cable and roll for wire Ø 0,6÷0,8 mm			●
POWER SOURCES WITHOUT TORCH				
003851	Power Source TREO 181 230V-1 ph for Ø 200 mm wire spool; interchangeable polarity; 16 mm ² / 3 m Ground cable and rolls for wire Ø 0,6÷0,8 mm	●		
003865	Power Source TREOSTAR 1800 230V-1 ph for Ø 200 mm wire spool; interchangeable polarity; 16 mm ² / 3 m Ground cable and rolls for wire Ø 0,6÷0,8 mm		●	
003875	Power Source TREOSTAR 2000 PULSE 230V-1 ph for Ø 200 mm wire spool; interchangeable polarity; 16 mm ² / 3 m Ground cable and rolls for wire Ø 0,6÷0,8 mm			●
ALUMINIUM KIT				
031145	Aluminium Welding Kit for C 25 3m composed by Carbon-Teflon Liner - 1 roll for wire Ø 0.8-1.0			
MIG MAG WELDING TORCHES				
020458	CEA Torch CX 251/3 3 m wire Ø 0.6÷1.0 CO2 260A @60% / Mix 200A @60%			
020459	CEA Torch CX 251/4 4 m wire Ø 0.6÷1.0 CO2 260A @60% / Mix 200A @60%			
020421	CEA Torch C 25/3 3 m wire Ø 0.6÷1.0			
TIG TORCH WITH BUILT-IN GAS VALVE FOR TOUCH-START TECHNIQUE (For other torches see mig/mag torches)				
020558	Torch RTX 17.4 4 m - 140 A 35%			
TROLLEY				
234929	Trolley VT 101 for power source and cylinder			
GAS REDUCERS				
020855	Reducer with 2 manometers	●	●	●
RETROFIT FOR Ø 300 MM WIRE SPOOL				
031162	Retrofit kit adaptor for Ø 300 mm wire spool			
420430	Complete spool cover			
236590	Metallic spool adaptor			
OTHER OPTION[S]				
460281	3+2 m 16 mm ² cables with electrodeholder pincer, ground clamp and 50mm ² connections brush/hammer - shield with lens			
201752	Kit of 2 male 50 mm ² safety connections			
	TREO 181 Suggested air cooled version with torch	●		
	TREOSTAR 1800 Suggested air cooled version with torch		●	
	TREOSTAR 2000 PULSE Suggested air cooled version with torch			●