

ELECTRODE INVERTER **BOOSTER.PRO 170/210**

REHM – Setting the pace in welding and cutting today



The lightest electrode inverter in the world in a new "outfit": Its appealing design and the unique operator interface with rotary knob and push button control, make the BOOSTER.PRO unmistakable. With its robust housing, protection class IP23 and a maximum weight of 5,5 kg, the BOOSTER.PRO is a reliable specialist for tough site applications even under unfavourable conditions.

- The uncomplicated operation using a rotary knob for welding current setting and a push button for the functions of TIG and manual Stick electrode (MMA) welding is new. The active function is indicated by an LED.
- The INTIG (Intelligent Ignition Energy) selects the correct striking current automatically when electrode welding.
- Soft and precise arc striking is ensured by the Lift-Arc ignition.
- The REHM ELSA System (Electronic Stabilised System) prevents weld drop-outs and fluctuations even with input power cables as long as 100m (1,5 sq.mm).
- The Arc-Force and Anti-Stick functions prevent accidental sticking and overheating of the electrode.
- A temperature controlled fan switch automatically optimises the cooling power and reduces noise emissions and power consumption.
- Suitable for use with a generator.
- Powerful electrode welding in the Booster function, welding

of Aluminium electrodes and multi-component Bronzes with the Arc-Force function.

- Comfortable TIG welding in DC operation through the gas management function and the 4 step (latch-on/latch-off) function. (BOOSTER.PRO 170 with Gas management option).

Control panel

- Rotate knob: setting of desired welding current.
- Press button: selection of either TIG welding or manual electrode welding (MMA).
- Manual electrode welding in fuse-hold mode: prevents triggering mains fuses.
- Manual electrode welding in Booster mode: Stick electrode (MMA) welding with maximum power up to 150/170A and 55%/90% duty cycle.
- LED displays for the functions:
Functions TIG Lift-Arc process, Electrode Booster function, Electrode fuse-hold mode.
- LED displays for fault identification:
Inverter fault and operating check lamp.

The BOOSTER.PRO is available complete in a practical site-work case with welding cable, earth return cable, slag hammer, wire brush and welding shield with glass.

TECHNICAL DATA BOOSTER.PRO		BOOSTER.PRO 170	BOOSTER.PRO 210
Setting Range	TIG Mode [A]	5-170	5-210
	BOOSTER mode [A]	5-150	5-170
	Fuse-hold mode [A]	5-140	5-160
Duty Cycle at 20 °C (40 °C) for imax	TIG Mode [%]	50 (30)	50 (30)
	BOOSTER mode [%]	55 (30)	90 (30)
	Fuse-hold mode [%]	60 (35)	100 (35)
Welding Current for 100 % Duty Cycle at 20 °C (40 °C)	TIG Mode [A]	135 (100)	175 (140)
	BOOSTER mode [A]	120 (100)	160 (120)
	Fuse-hold mode [A]	120 (100)	160 (120)
Mains Voltage at 50/60 Hz	[V]	1x 230	1x 230
Open circuit voltage	[V]	82	90
Fuses Fast/Delayed action	[A]	16	16
Power factor	[cos phi]	0,7	0,99
Insulation Class		IP 23	IP 23
Weight	[kg]	4,1	5,5
Dimensions LxWxH	[mm]	245x130x175	310x130x175
Order ref. No.	BOOSTER.PRO	151 3170	151 3210
	BOOSTER.PRO with Gas management	151 3175	

Subject to technical change. Additional equipment on the units illustrated available at an extra charge. All units bear the CE and S marks and meet standard EN 60 974-1.

The unit is equipped with a carrying strap. Thanks to its special design it can also be lifted by hand from the top. The BOOSTER RAMBO.KIT is also available for protected site use.



The standard for modern welding and cutting

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