

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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