

BOOSTER.PRO 230
BOOSTER2 130-150

THE CHAMPION OF NEW FULLY DIGITAL ELECTRODE INVERTER



THE BENCHMARK IN OPERATING WELDING MACHINES



SIRIUS is a completely new type of digital operating system.
 SIRIUS simplifies the operation of complex digitally controlled processes.
 SIRIUS offers graphically dynamic and transparent visualization.
 SIRIUS enjoys the highest user acceptance.
 SIRIUS makes complex things easy.

THE NEW BOOSTER.PRO 230

The electrode welding machine for professionals - with new extended range of functions in the proven TIGER design.



■ FULLY DIGITAL TECHNOLOGY



All important information at a glance



Thanks to SIRIUS, the welding process can be optimized easily and quickly

- Ultra-fast, low-induction inverter
- Energy cost saving IMS-inverter technology with PFC
- Unique, functional appearance
- Fully insulated, protection class 2
- Suitable for generators
- Works with 100 m mains cable
- Housing made of impact-resistant plastic
- Splash water protected according to IP 23
- With the wide-range voltage range suitable for worldwide use
- REHM pre-save system - the electronics is protected from a fall of up to 90 cm
- REHM warranty

- The integrated ventilation duct separates dirty cooling air from the electronics
- Impact-resistant control button R pilot
- Impact-resistant display
- Space-saving in a case as a set
- VRD operation as standard
- Welding voltage display
- Boost function - brings maximum performance from 1-phase network
- Fuse hold function - is used for network monitoring for work on weak fuses
- Made in Germany



Electrode pulse welding

Improves the welding properties in difficult positions, creates a higher gap bridging ability and is suitable for both visible seams and vertical seam welds.

Integrated Anti-Stick

Prevents sticking and annealing electrode on the workpiece and thus also avoids weld defects.

ArcForce freely adjustable

Stabilizes the arc - even with extreme short arc.

Hot start freely adjustable

Facilitates safe ignition through short-term current increase.

SoftStart

Stable arc at the start, for electrodes with low welding current.

LiftArc ignition

Allows TIG welding.

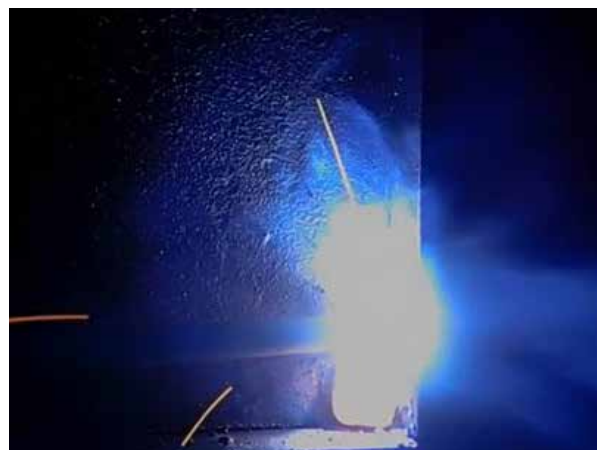
Voltage Reduction Device (VRD)

Standard with reduced open circuit voltage fitted. That means more safety for the user and more comfortable working in a humid environment.

Vertical seam welding without fir tree technology through pulse process



High current = penetration



Low current = controllability, full control

ADJUSTMENT PARAMETERS

- Welding current 1
- Welding current 2
- Hot start
- ArcForce
- Anti-stick
- Pulse times I1 and I2
- HYPER.PULS frequency up to 17,500 Hz

FUNCTIONALITY

- Synergy characteristics for basic and rutile electrodes
- Safety hold function
- BOOSTER function
- Time pulses
- REHM HYPER.PULS
- VRD function (reduced open circuit voltage)
- TIG function with contact ignition



POWER FACTOR CONTROLLER (PFC)



Energy saving

The Power Factor Controller regulates the current consumption and adjusts it to the voltage curve. This ensures that existing power is used more effectively and saves up to 40% of the energy required.

Suitable for construction sites

The BOOSTER.PRO 230 can be easily operated with longer power cables and generators by the PFC.

Worldwide operation

The PFC enables operation on supply systems from 110V to 260V.

THE BENCHMARK FOR EFFICIENT WELDING

- Compliance with the new regulation EU 2019/1784
- Highest energy efficiency
- Worldwide operation
- Clean consumption out of the supply network
- Use also in residential areas (useable anywhere)



You can find everything you need to know about PFC here: →

TECHNICAL DETAILS

Setting range		
TIG	[A]	4 - 230
Electrode (BOOSTER)		20 - 180
Electrode (fuse hold)		20 - 150
Duty cycle (ED) at I _{max} .		
TIG	[%]	35
Electrode (BOOSTER)		40
Electrode (fuse hold)		60
Welding current at 100% ED		
TIG	[A]	160
Electrode (BOOSTER)		140
Electrode (fuse hold)		140
Fuse (slow-blow)	[A]	16
Protection type		IP 23S
Power factor	[cos phi]	0,99
Power consumption at I _{max} .	[kVA]	5,8
Mains voltage	[V]	1 x 230
Mains frequency	[Hz]	50 - 60
Mains voltage tolerance	[%]	+ 15 / -25
Mains voltage tolerance with reduced power	[V]	110 - 260
Insulation class		F
Welding cable socket	[mm]	13
Weight	[kg]	6,7
Dimensions	[mm]	480 x 160 x 320
Item no.		
BOOSTER.PRO 230		1513230

OPTIONS

Item no.

Set

BOOSTER.PRO 230 set incl. case, earth and electrode cable 25 mm ² , wire brush, chipping hammer	1513231
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ACCESSORIES

Item no.

TIG torch with separate gas regulation	
Torch TIG R TIG 141 4m VS26 + gas 3m	7636186
Torch TIG R TIG 211 4m VS26 + gas 3m	7636174
Earth cable	
Earth cable 25mm ² 4m 13 400A clamp	7810101
Electrode cable	
Electrode cable 25mm ² 5m 13 260A clamp	7810201
Mounting case	
Mounting case TIG.STAR, TIGER 180/182/230, BOOSTER.PRO 230	2600336

BOOSTER2 130-150

Ultra-modern technology. Uniquely implemented.

A fault due to a fall or impact?

Is excluded by the proven REHM Pre-save system.
Being dropped from a height of 100 cm can always happen.

Power to weight ratio 65A/kg!

The world champion in its class, with 150 A
welding current and weighing only 2.3 kg.

Contamination of the electronics?

The proven REHM cooling system that reliably keeps
the cooling system and electronics separate from each other.



TECHNICAL DETAILS

PERFORMANCE CLASS		130	140	150
Setting range	[A]	5 - 130	5 - 140	5 - 150
Duty cycle (ED) at I _{max} .	[%]	25		20
Welding current at 100% DC	[A]	100		
Welding current at 60% DC	[A]	117		
Fuse (slow-blow)	[A]	16		
Protection type		IP 23		
Power factor	[cos phi]	0,7		
Power consumption at I _{max} .	[kVA]	4,2		
Mains voltage	[V]	1 x 230		
Mains frequency	[Hz]	50/60		
Welding cable socket	[mm]	9		
Weight	[kg]	2,3		
Dimension LxWxH	[mm]	275 x 120 x 185		
Item no.				
BOOSTER2 without accessories		1503113	1503114	1503115

ACCESSORIES

	Item no.
Welding equipment set	
Welding equipment set 16mm ² 4m 9mm (Earth cable and electrode cable, wire brush, chipping hammer, hand shield with glass)	7580442
Earth cable	
Earth cable 16mm ² 4m 9mm with 200A clamp	7810107
Electrode cable	
Electrode cable 16mm ² 5m 9mm with 260A clamp	7810205
Mounting case	
Metal case TIGER 170DC, AC / DC, BOOSTER, BOOSTER2	2105006



BOOSTER2 when used in steel construction. Ultramobile, safe handling and full performance.

■ ULTRA MODERN AND FULLY DIGITAL. PERFECT AND RELIABLE.

- Fully digital technology
- Ultra-fast, low-induction Inverter
- Energy cost saving IMS inverter technology
- Unique, functional appearance
- Fully insulated, protection class 2
- Suitable for generators
- Works with 100 m mains cable
- Fuse hold function
- Front and back as well as device base made of impact-resistant plastic
- Splash water protected according to IP 23
- Above average lifespan
- REHM warranty
- Fully digital arc management
- Intelligent automatic ignition (ICS)
- Automatic hot start
- Integrated Anti-Stick and ArcForce function
- Arc stabilizer boost function
- Long duty cycle
- High performance reserves
- Ultra-mobile use
- Easy handling
- Robust and absolute suitable for construction sites
- Carrying strap
- High mains voltage tolerances
- Space-saving (case, set)



BOOSTER2 during repair work. Always reliable and ready for use.

THE REHM PERFORMANCE PROGRAM

- REHM MIG / MAG welding machines
- REHM TIG welding machines
- REHM MMA electrode inverter
- REHM PLASMA cutting systems
- Welding accessories and consumables
- Welding fume extraction
- Technical welding advice
- Torch repairs
- Service

WEEE-Reg.-Nr. DE 42214869

REHM 08/2020 • Item no. 9901440

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