



## BOOSTER.PRO 230 BOOSTER2 150

THE CHAMPION OF NEW FULLY DIGITAL ELECTRODE INVERTER



## THE BENCHMARK IN OPERATING WELDING MACHINES



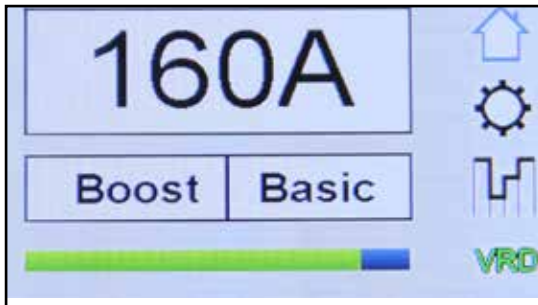
SIRIUS is an innovative digital operating system.  
 SIRIUS simplifies the operation of complex digitally controlled processes.  
 SIRIUS offers graphically dynamic and transparent visualization.  
 SIRIUS enjoys the highest level of user acceptance.  
 SIRIUS makes complex things simple.

### THE NEW BOOSTER.PRO 230

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

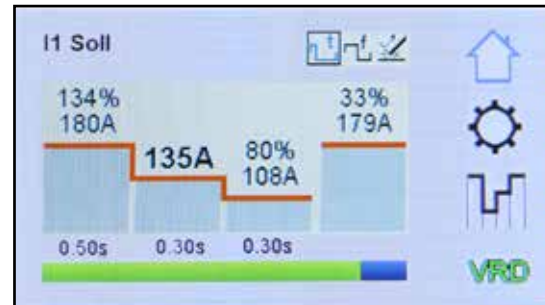


#### ■ FULLY DIGITAL TECHNOLOGY



All important information at a glance

- 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



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

- 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.

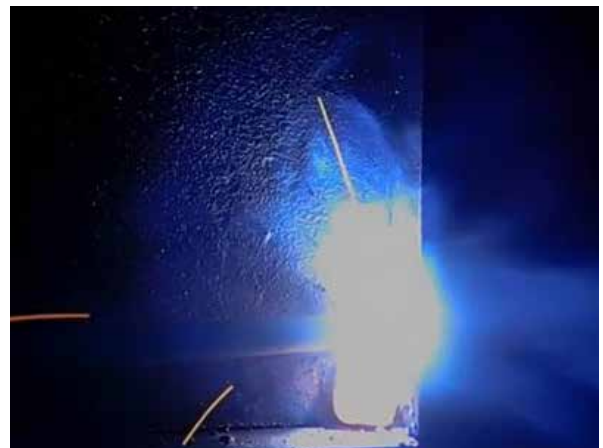
#### Voltage Reduction Device (VRD)

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
- Useable anywhere

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





## TECHNICAL DETAILS

Setting range	[A]	
TIG		4-230
Electrode (BOOSTER)		20-180
Electrode (fuse hold)		20-150
Duty cycle (ED) at I <sub>max</sub> .	[%]	
TIG		35
Electrode (BOOSTER)		40
Electrode (fuse hold)		60
Welding current at 100% ED	[A]	
TIG		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 <sub>max</sub> .	[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 LxWxH	[mm]	480 x 160 x 320
Item no.		
BOOSTER.PRO 230		1513240

## OPTIONS

Item no.



### Set

BOOSTER.PRO 230 set  
incl. case, earth and electrode cable 25 mm<sup>2</sup>,  
wire brush, chipping hammer

1513241

## 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<sup>2</sup> 4m 13 400A clamp 7810101

### Electrode cable

Electrode cable 25mm<sup>2</sup> 5m 13 260A clamp 7810201

### Mounting case

Mounting case T3 2600423

Casetrolley 2600455

# BOOSTER2 150

Ultra-modern technology. Uniquely implemented.

## A fault due to a fall or impact?

In the event of a fall, the REHM Pre-Save System protects the electronics inside the device better than conventionally designed welding devices.

## 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

Setting range	[A]	5-150
Duty cycle (ED) at I <sub>max</sub> .	[%]	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 <sub>max</sub> .	[kVA]	4.2
Mains voltage	[V]	1 x 230
Mains frequency	[Hz]	50/60
Welding cable socket	[mm]	9
Weigth	[kg]	2.3
Dimension LxWxH	[mm]	275 x 120 x 185
Item no.		
BOOSTER2 without accessories		1503115

### ACCESSORIES

Item no.

Welding equipment set	
Welding equipment set 16mm² 4m 9mm (Earth cable and electrode cable, wire brush, chipping hammer, hand shield with glass)	7580442
Earth cable	
Earth cable 16mm² 4m 9mm with 200A clamp	7810107
Electrode cable	
Electrode cable 16mm² 5m 9mm with 260A clamp	7810205



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



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

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## REHM – The benchmark for modern welding



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