

**NEW
PURE
DIGITAL**



MORE SUCCESS GUARANTEED

Welding needs new standards
For more sustainable productivity and quality



The standard for modern welding

New standard due to regulated arc technology

- Power.Arc **NEW!**
- Focus.Arc **NEW!**
- Focus.Root **NEW!**
- Focus.Puls Dynamic **NEW!**
- Focus.Puls Performance **NEW!**

New in welding performance

- 30% more deposition, immediately implementable
- 50% reduction of rework - doubling of throughput
- Regulated ignition process. Connection from the start
- Maximum saving of energy and gas costs
- Potential saving of EUR 2.00 per kg of welded wire

New in quality

- Better seam quality - more reliable welding
- Reliable root formation
- Less warpage - optimised heat control
- Improved flow properties - perfect seam
- Out-of-position welding - now simply better



New for the welder

- More health protection for the welder
- 70 % reduction of harmful welding smoke
- Simplified handling in arc guidance
- Integrated assistance program with optimisation tips
- Full-scale expert program
- Simple quick access to all expert settings

New in device technology

- Ultra-modern inverter power supply
- 100 % pure digital technology
- Cos Phi ~ 1
- Reduced electricity network load
- Multivoltage
- Modern network capability – interfaces in all networks
- Interface for all welding data input and output
- Energy management for all cooling systems

**NEW
DIGITAL**

More performance, the result counts

The new MEGA.PULS *digital*

One display for all applications - When you know one, you know them all!

Everything at a glance in an excellent graphic presentation. Protected by a shock-resistant plastic screen, the display is significantly more robust than conventional displays.



REHM classic screen



REHM Assist System



REHM Program Explorer

Setting a new standard for use

- Visualisation via high-resolution graphic display
- Operation via Rehm R-Pilot control unit
- Clearly laid out 7-inch display
- External control panel
- Guided selection of material, gas and wire
- If you know one, you know them all
- Everything at a glance in an excellent graphic presentation
- Transparent presentation and selection of the optimal settings
- Use in various national languages



New standard in performance and diversity

Technical data

Models	[A]	Gas cooled	Water cooling
MEGA.PULS digital	250	X	X
MEGA.PULS digital	300	X	X
MEGA.PULS digital	350	X	X
MEGA.PULS digital	400	X	X
MEGA.PULS digital	450		X
MEGA.PULS digital	550		X

Duty cycle 60% at 40° C

All devices optionally available with separate wire feeder

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MEGA.PULS digital

- POWER.ARC **NEW!**
regulated standard welding process
- FOCUS.ARC **NEW!**
regulated focussed welding process
- FOCUS.ROOT **NEW!**
regulated focussed welding process with controlled short-circuit handling
- FOCUS.PULS (II) **NEW!**
regulated focussed pulse welding process, which is implemented flexibly for all materials
- FOCUS.PULS PERFORMANCE (UI) **NEW!**
regulated focussed welding process, which is specifically used for steel, for the optimisation of productivity



New standard for electrode welding devices

NEW
BOOSTER²

More performance, less weight

- Power classes 130 A / 140 A / 150 A
- Automatic hot start
- Automatic ArcForce
- Intelligent ignition management
- Ultra-modern inverter device
- Generator suitability
- Fully insulated
- Ultra-compact and lightweight design
- Made in Germany by REHM



Technical data

Weight: 2.3 kg
Dimensions: 280mm x 125mm x 140mm (L x W x H)

	Adjustment range	Duty cycle
BOOSTER2 130:	5 A to 130 A	35%
BOOSTER2 140:	5 A to 140 A	25%
BOOSTER2 150:	5 A to 150 A	20%



The new **TIGER** *digital* - Damned close to the laser

Easy to handle



The **TIGER**® handle offers perfect carrying comfort. The interference-free storage solution for stowing the hose pack and associated equipment, ensures that the welders always have their second hand free.

Everything to hand



The **TIGER**® draw ensures that all of the device's wear parts are at hand. No need to have to go and fetch things that have been forgotten. That saves time and money.

Don't be scared of dropping...



And from a height of up to 90 cm. The **TIGER**® housing is designed so that the impacts that occur from being dropped from this height do not interfere with the performance electronics.



TIGER with water cooling unit 15kg



TIGER Set with plastic case

The new standard in mobile WIG welding devices

Each job has one button

Storing and recalling the most important device settings
Could not be any quicker.

Everything in digital view

Everything at a glance in an excellent graphic presentation.
Protected by a shock-resistant plastic screen,
the display is simply more robust than conventional displays.

A button for everything

The R-Pilot rotary encoder, especially developed for tough applications, intercepts mechanical effects.
The housing absorbs forces before they can damage the electronics.

Dirt and dust don't matter

The electronics space is encapsulated and is always kept clean and protected. Contaminated air and grinding dust from the working environment are channelled through a special air channel.

Setting a new standard for use

- Standard of use
- Fully digital control panel
- Everything in view, everything under control
- Convenient quick-storage keys
- All functions remote-controllable via burner

New standard in welding performance

- Increase in welding speed by 30 % with Hyperpulse
- Faster, safer and non-warping tacking with Hyperspot, faster creation of the weld pool and improved flow properties through highly-concentrated focus arc with Hyperpulse technology

New standard in quality

- Welding damned close to the laser
- Increased cleaning effect and pore degassing with aluminium due to Dualwave/Hyperpulse
- Reduced warpage
- Tacking 100% reproducible without annealing colours

New standard due to regulated arc technology

- Rehm Focus.Arc technology
- Hyperpulse DC + AC (17,5 kHz)
- Hyperspot DC + AC
- Dualwave
- ICS ignition management

DAS LEICHTESTE
WIG-GERÄT IN DER
REHM - KLASSE.

ab **7,1 kg**

TIGER[®]
Der Maßstab für modernes Schweißen



REHM – The benchmark for modern welding

THE REHM PRODUCT RANGE

- REHM TIG/MAG inert gas-welding equipment
 - SYNERGIC.PRO^{2®} gas and water cooled up to 450 A
 - SYNERGIC.PRO^{2®} water cooled 500 A to 600 A
 - MEGA.ARC^{2®} continuously adjustable up to 450 A
 - PANTHER 202 PULSE pulse welding equipment with 200 A
 - MEGA.PULS FOCUS[®] pulse welding equipment to 530 A
 - SYNERGIC.PULS pulse welding equipment 230 A to 430 A
- REHM TIG inert gas-welding equipment
 - TIGER[®] digital 180 and 230 A, single-phase
 - INVERTIG.PRO[®] and INVERTIG.PRO[®] digital 240 A to 450 A, three-phase
 - INVERTIG.PRO COMPACT and INVERTIG.PRO COMPACT digital 240 A to 450 A, three-phase
- REHM hand-held arc welding equipment
 - BOOSTER 140, BOOSTER.PRO 170 and 210, single phase
 - BOOSTER.PRO 250 and 320, three-phase
- REHM Plasma cutting systems
- Welding accessories and consumables
- Welding gas extraction
- Welding turntables
- Technical welding advice
- Torch repairs
- Service

WEEE-Reg.No. DE 42214869



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