

Lasting Connections

INVERTERS FOR ARC WELDING

CORE TERRA URANOS





LASTING CONNECTIONS

As a pioneer in innovative welding consumables, Böhler Welding offers a unique product portfolio for joint welding worldwide. More than 2000 products are adapted continuously to the current industry specifications and customer requirements, certified by well-respected institutes and thus approved for the most demanding welding applications.

Our customers benefit from a partner with

- » the highest expertise in joining, rendering the best application support globally available
- » specialized and best in class product solutions for their local and global challenges
- » an absolute focus on customer needs and their success
- » a worldwide presence through factories, offices and distributors

CORE TERRA URANOS

THE NEW REFERENCE IN WELDING MACHINES

You've taken on the challenge of joining materials made of metal. You know how to weld structures for bridges, machines and power stations. In your job you don't need "one" solution, you deserve the best.

As a provider of welding solutions, we offer a unique portfolio of high-quality welding consumables, application services, accessories and welding equipment. With our product lines, we are setting new standards in all standard

and special welding processes. The combination of welding filler metal and power source, which is unique in the industry and based on our application know-how, takes precision to a new dimension.

This allows you to obtain TOP CLASS welded joints that you will be proud of. This is what we stand for - with up to 5 years warranty on all our welding equipment.

Advantages for our customers:

- » Böhler Welding combines metallurgical know-how, technical competence and a complete product range like no other supplier on the market.
- » Welding consumable and welding machine meet in a perfect synergy for all customers of Böhler Welding.
- » Optimised performance curves lead to first-class welding results.
- » Böhler welding machines made in Europe guarantee the highest quality of products and services.
- » We stand by our quality promise and provide up to 5 years warranty.
- » Our customers can always rely on a trusting partnership and lasting relationships.



INVERTER TECHNOLOGY

The key component of our welding power sources is a reliable and high-performing inverter.

This modern and technically advanced inverter offers unbeatable long run performance and reliability. Customers particularly appreciate those advantages when it comes to arc control, adaptability to different processes and applications, accuracy and repeatability.



MIG/MAG STANDARD

Designed for amazing welding performance

- » Particularly efficient MIG/MAG standard process for extremely precise welds
- » Enables very homogeneous and clean metallurgical properties
- » Very stable and perfectly controllable electric arc
- » High welding speed and melting capacity



TERRA MX 320 SMC

320 A @ 45%
3x400 V
3 – 320 A
33,0 kg



TERRA MX 400 SMC

400 A @ 40%
3x400 V
3 – 400 A
34,0 kg

MIG/MAG PULSE

Perfect welding results thanks to "Digital Drop"

- » Enables optimum MIG/MAG pulse welding with consistent and reproducible performance thanks to new welding technology
- » Extremely stable and concentrated arc
- » Simple parameter control for efficient work



TERRA MX 320 PMC / 400 PMC

320 A @ 45% / 400 A @ 40%
3x400 V
3 – 320 A / 3 – 400 A
33,0 kg / 34,0 kg



TERRA MX 400 PMC

400 A @ 40%
3x400 V
3 – 400 A
34,0 kg

MULTIPROCESS

Up to any welding task

- » Ideal for MMA, MIG/MAG pulse and TIG DC welding process
- » Designed to handle a wide range of welding tasks
- » Developed to meet the highest demands with regard to flexibility and performance
- » Perfect for repair and maintenance as well as training facilities



TIG DC

The precision arc

- » Highly concentrated and stable electric arc
- » Aesthetically perfect welding seams
- » Optimum welding conditions in all working situations



TERRA 180 TLH

170 A @ 45%
1x230 V
3 – 170 A
8,4 kg

TIG AC/DC

Best in class

- » Guaranteed concentrated and stable arc
- » Reduced heat input
- » High-quality weld seam and considerable increase in productivity with only one set value



MMA

Light and flexible

- » Very compact and powerful inverter
- » Suitable for cellulose
- » Intuitive operation
- » Generator safe



CORE 165 MMA

165 A @ 25%
1x230 V
20 – 165 A
7,7 kg



CORE 185 MMA

185 A @ 25%
1x115 - 230 V
20 – 185 A
9,5 kg

TERRA GET THE JOB DONE

SMC



TERRA MX 320 MSE

320 A @ 50%
3x400 V
3 – 320 A
20,2 kg



TERRA MX 400 MSE / 500 MSE

400 A @ 50% / 500 A @ 50%
3x400 V
3 – 400 / 500 A
22,5 / 27,5 Kg



URANOS 2000 SMC

200 A @ 35%
1x230 V
5 – 200 A
12,8 kg

PMC DUALFEEDER



TERRA MX 320 PME

320 A @ 50%
3x400 V
3 – 320 A
20,2 kg



TERRA MX 400 PME / 500 PME

400 A @ 50% / 500 A @ 50%
3x400 V
3 – 400 / 500 A
27,5 / 32,5 Kg



URANOS MX2200 PMC

220 A @ 35%
1x230 V
3 – 220 A
22,0 kg

URANOS MX2200 MTE



220 A @ 35%
1x230 V
3 – 220 A
22,5 kg

TERRA MX 270 TLH



270 A @ 60%
3x400 V
3 – 270 A
16,1 kg

TERRA MX 320 TLH



320 A @ 60%
3x400 V
3 – 320 A
20,5 kg

TERRA MX 400 TLH



400 A @ 50%
3x400 V
3 – 400 A
22,5 kg



URANOS 1500 TLH

150 A @ 30%
1x230 V
3 – 150 A
3,9 kg

URANOS MX1700 AC/DC



170 / 220 A @ 35%
1x115 - 230 V
3 – 170 / 220 A
18,8 kg

CORE 210 MMA



210 A @ 25%
1x115 - 230 V
20 – 210 A
9,5 kg

TERRA 220 RC



220 A @ 30%
3x400 V
3 – 220 A
11,3 kg

TERRA 270 RC / 350 RC



270 A / 350 A @ 40%
3x400 V
3-270 A / 3-350 A
16,1 kg / 16,5 kg

TERRA 500 RC



500 A @ 50%
3x400 V
3 – 500 A
27,3 kg

URANOS **MX** 2200 SMC

220 A @ 35%
1x230 V
3 – 220 A
22,0 kg



URANOS **MX** 2700 SMC

270 A @ 45%
3x230 - 400 V
3 – 270 A
23,0 kg



URANOS **MX** 2700 PMC

270 A @ 45%
3x230 - 400 V
3 – 270 A
23,0 kg



URANOS **MX** 3200 PME

320 A @ 50%
3x230 - 400 V
3 – 320 A
27,6 kg



URANOS **MX** 4000 PME

400 A @ 60%
3x230 - 400 V
3 – 400 A
36,2 kg



URANOS **MX** 5000 PME

500 A @ 50%
3x230 - 400 V
3 – 500 A
38,5 kg



URANOS **MX** 2700 MTE

270 A @ 45%
3x230 - 400 V
3 – 270 A
23,5 kg



URANOS **MX** 3200 GSM

320 A @ 50%
3x230 - 400 V
3 – 320 A
27,6 kg



URANOS **MX** 4000 GSM

400 A @ 60%
3x230 - 400 V
3 – 400 A
37,5 kg



URANOS **MX** 5000 GSM

500 A @ 50%
3x230 - 400 V
3 – 500 A
39,5 kg



URANOS 1800 TLH / **MX** 2200 TLH

180 / 220 A @ 35%
1x115 - 230 V
3 – 180 / 220 A
9,4 / 16,0 kg



URANOS **MX** 2700 TLH / 3200 TLH

270 A @ 35% / 320 A @ 40%
3x230 - 400V
3 – 270 / 320 A
18,8 / 26,0 Kg



URANOS **MX** 4000 TLH / 5000 TLH

400 A @ 60% / 500 A @ 50%
3x230 - 400 V
3 – 400 / 500 A
35,4 / 37,3 Kg



/ 2200 AC/DC URANOS **MX** 2700 AC/DC URANOS **MX** 3200 AC/DC URANOS **MX** 4000 AC/DC URANOS **MX** 5000 AC/DC

270 A @ 40%
3x230 - 400V
3 – 270 A
27,0 kg



320 A @ 40%
3x230 - 400 V
3 – 320 A
27,5 kg



400 A @ 40%
3x230 - 400 V
3 – 400 A
35,4 kg



500 A @ 45%
3x230 - 400 V
3 – 500 A
37,3 Kg



CORE – GO WELD IT

Ergonomic & Smart

CORE power sources are portable, durable and resilient. Due to the hybrid composite and galvanized steel frame CORE machines are for the toughest job sites. The ergonomic and sturdy handle and shoulder strap makes CORE ready to weld anywhere.



What CORE are all about:

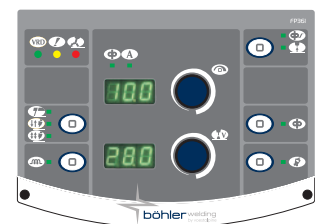
- » Superior Arc Performance in all different welding processes for perfect welds any time
- » Adjustable Hot Start and Arc Force functions ensure smooth arc starts and prevent electrode sticking
- » Expansive high-contrast display to ensure an optimal user interface
- » Auto Power Line Adaption (115/230V)
- » Cool-Air management (Wind tunnel design), ensures optimal performance

TERRA – GET THE JOB DONE

Robust & User-Friendly

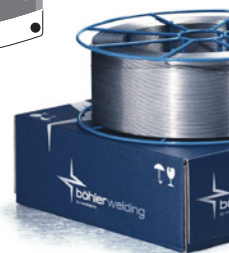
TERRA power sources from Böhler Welding are available for MMA welding, TIG DC and MIG/MAG processes. The compact and robust design of the machines allows them to be used in a wide variety of working environments, even in confined spaces.

TERRA welding machines from Böhler Welding thrive under heavy use and guarantee durable connections.



What TERRA are all about:

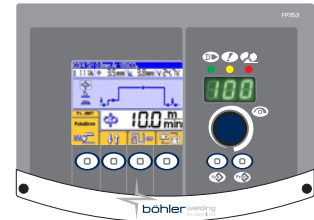
- » Simple operation for the welder
- » Low weight
- » Ideal for steel and stainless steel
- » Flexibly deployable
- » Suitable for use on construction sites and fabrication shops



URANOS – FOR THE HIGHEST DEMANDS

Efficiency & Technological Excellence

URANOS welding inverter are equipped with the latest and most advanced welding functionalities. They incorporate the latest control systems developed and patented by Böhler Welding in order to guarantee excellent performance levels. Advanced ergonomics, some of the lowest weights in their class, and robust covers and panels make URANOS particularly portable, extremely reliable and ideal for open air welding and maintenance and repair operations in general.



What URANOS are all about:

- » Very compact and powerful inverter
- » Low weight
- » Highest level of IP safety in outdoor use, even in bad weather
- » Flexibly deployable
- » URANOS can be equipped with many accessories, including a complete range of remote controls



JOIN! We connect Metals and People

As a leader in the world of welding and part of the voestalpine steel and technology group, we are close to you with more than 100 years of experience, 50 subsidiaries and 4,000 sales partners worldwide. Thanks to our comprehensive product portfolio, welding expertise and global orientation, we know your needs and, as a total solution provider, ensure the best results for your most demanding challenges. Perfectly interlinked and as unique as your business.



Lasting Connections – Perfect alignment of welding machines, consumables and technologies combined with our renowned application and process know-how provide the best result for your requirements: A true and proven connection between people, products and technologies. The result is what we promise: The Perfect Weld Seam for Lasting Connections.



Tailor-Made Protectivity™ – Proven under the toughest conditions: Our products protect metal surfaces from wear and corrosion. With over 70 years of experience and the broadest product portfolio in the industry, we are your preferred partner for Surface Protection solutions. We deliver what we promise: Surface Protection tailored to your needs.



In-Depth Know-How – As a manufacturer of soldering and brazing consumables, we offer proven solutions based on 60 years of industrial experience, tested processes and methods, made-in-Germany. This in-depth know-how makes us the internationally preferred partner to meet your soldering and brazing challenge through innovative solutions. The result is what we promise: Innovation based on indepth know-how.

The Management System of voestalpine Böhler Welding Group GmbH, Peter-Mueller-Strasse 14-14a, 40469 Duesseldorf, Germany has been approved by Lloyd's Register Quality Assurance to: ISO 9001:2015, ISO 14001:2015, OHSAS 18001:2007, applicable to: Development, Manufacturing and Supply of Welding and Brazing Consumables. More information: www.voestalpine.com/welding



