

Lasting Connections

GETS THE JOB DONE  
TERRA NX







# BÖHLER WELDING

## Lasting Connections

As a pioneer in innovative welding consumables, Böhler Welding offers a unique product portfolio for 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. As a reliable partner for customers, “lasting connections“ are the brand’s philosophy in terms of both welding and people.

### **Our clients 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

# GETS THE JOB DONE

## MAKE YOUR WELDING WORK RELIABLE AND EASY TO DO WITH TERRA NX

You, the welder deserve the best solution for high demanding jobs. In order to fulfil also the most intensive requirements, you need more than a welding machine. You need a partner, a friend, a weldmate. In short, you need TERRA NX by Böhler Welding. Thanks to the reliability, design and ease of use, TERRA NX are real team players that make you shine and succeed, no matter what.


“JOIN! THE TEAM AND TOGETHER WE WILL ACHIEVE WHAT COUNTS MOST: THE PERFECT WELD SEAM”

### You will benefit from

- » reactive and dynamic arc performance, optimised for steel welding
- » a reliable and robust system, perfect for heavy duty welding
- » a full colour display, easy to operate and highly intuitive







“TERRA NX IS THE RESULT OF YEARS OF EXPERIENCE AND COMPETENCE IN CREATING THE PERFECT WELDING EQUIPMENT FOR METALWORKING INDUSTRY.”

» **High Capacity**

Allows you to store 600 welding programs allocated in 7 welding processes. In addition 240 personalized parameters (welding jobs) makes it easy to define your NX.

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» **Enhanced Connectivity**

All the NX systems are inter-connectable with Weld@Net, the Böhler Welding welding network, to set and monitor all the welding data and to produce technical and economic reporting.

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» **Digital Control & Can-Bus Communication**

The advanced digital control system provide faster response and higher welding accuracy.

“TERRA NX ENSURES MORE PRODUCTIVITY WHILE MAINTAINING THE BEST QUALITY.”



# RELIABLE AND SMART WELDING WORK

TERRA NX brings together more than 600 welding synergies across seven Bohler Welding processes. Advanced inverter technology allows perfect arc control for excellent welding characteristic.

## The perfect arc for heavy-duty welding

TERRA NX are specifically designed to realize excellent productivity thanks to high deposition rates and great reliability. Proprietary MIG/MAG welding processes guarantee excellent results for the metal fabrication, construction, shipyard and transport industries.

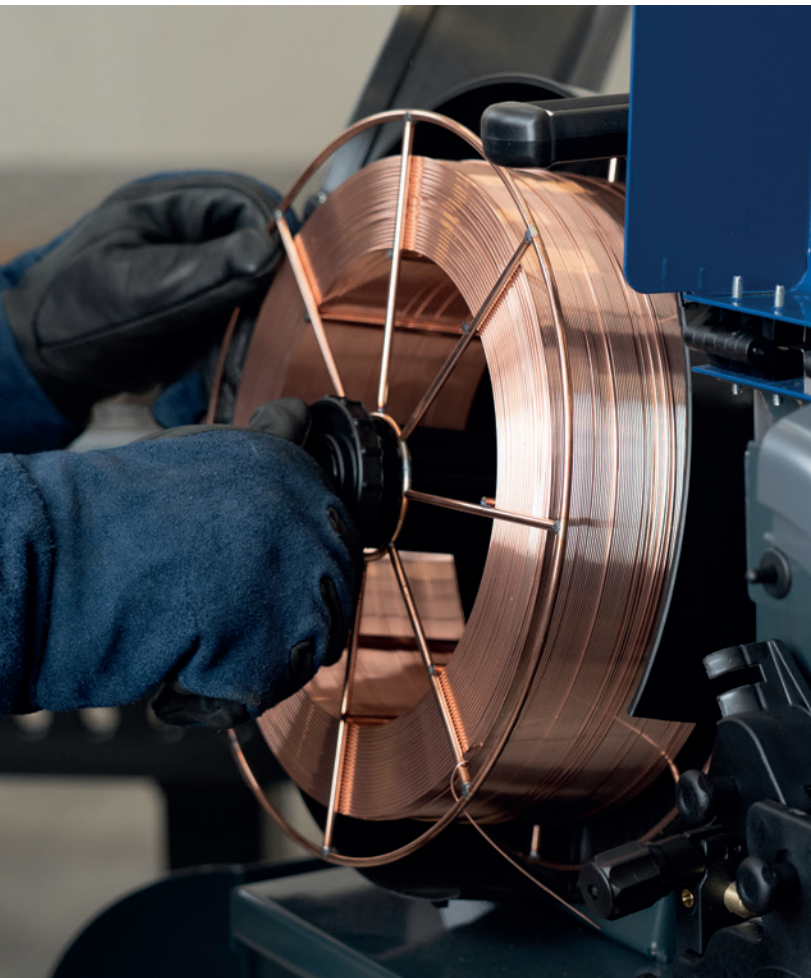
1. 100% digital control of the welding arc: extremely dynamic response and tuning of welding parameters.
2. Arc extremely reactive and accurate, giving unequalled manoeuvrability and control over the welding process.
3. Improved weld fusion thanks to waveform optimisation.
4. Less spatter, meaning less post-weld cleaning.
5. An extensive library of welding programs covering a wide range of applications.
6. Increased travel speed and deposition rates up to 50% when using RapiDeep and QuickPulse processes.
7. Huge number of specific functions on board, to make the welding work easier, better and more effective.
8. Colour graphic display: effective and very intuitive user-friendly interface.
9. Robust, easy to use and technically advanced.





# PERFECT MATCH

Benefit from our catalogue of welding programs, optimised for use with Bohler Welding consumables and resulting in the best possible arc performance.



## BÖHLER ARC

As a Full Welding Solution Provider, Böhler Welding combines welding processes, consumables and equipment in a harmonious, perfectly coordinated way.

Whenever the Böhler Arc is ignited, welders benefit from a perfect arc with guaranteed reproducibility and precision, while saving time and material.

### Features

- » Perfect combination of Filler Material, Welding Process, Welding Equipment
- » All the parameters are made and tested to perform best welding results
- » Customization and upgrade is possible

### Choose your Böhler Arc

- » Unalloyed Steel Welding Programs
- » High Alloyed Welding Programs
- » Aluminium Welding Programs





## MIG/MAG PULSE MIG/MAG TIG DC HF

More than 40 years of experience and continuous development in our R&D department are the basis for the evolution of MIG/MAG and TIG welding processes – all features now united in the TERRA NX ensuring a highly reactive arc even in difficult welding positions and less spatters.

All the Böhler Welding special welding processes are designed to maximize productivity and speed thanks to the specific wave form and precise arc control.

## FULL WELDING SOLUTIONS

Plug & play solutions for Metal Fabrication, Pipeline Welding and many others application will convince you.

Benefit from the perfect alignment of welding machines, consumables, accessories and welding know-how by Böhler Welding.

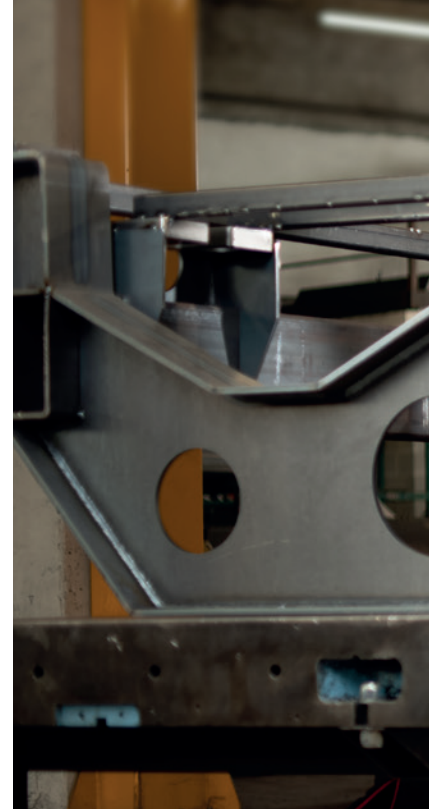
## WELDING PROGRAMS & PACKAGES

More than 600 welding programs tailored for various applications and industry segments, ensure the perfect fit with your welding task.

A unique and large portfolio of welding field experiences that Böhler Welding makes available for you.

# EASE OF USE AND FLEXIBLE

TERRA NX is easy to use: the 3.5" full colour LCD display, large touch-buttons and single dial means setting is quick and simple.



## MY TERRA NX

With TERRA NX you can assemble your welding solution with everything you need and optimise your NX to give the best efficiency and performance for the job at hand and always in line with the most modern technologies.

We offer a complete package of hardware (power source, accessories, consumables) and software (processes, programs, functions).

Special programs can be uploaded onto your machine for time-limited in house trials.







“INSIDE TERRA NX  
I ALWAYS HAVE THE  
RIGHT WELDING  
PROGRAM FOR MY JOB”

#### Choose your welding process

- » ARCDRIVE (Mig/Mag)
- » RAPIDEEP (Mig/Mag)
- » PULSDRIVE (Pulse Mig/Mag)
- » QUICKPULSE (Pulse Mig/Mag)
- » DCDRIVE (Tig DC)

#### Choose your power

- » 270 A    » 400 A
- » 320A    » 500 A

#### Choose your Böhler Arc

- » Unalloyed Steel Welding Programs
- » High Alloyed Welding Programs
- » Aluminium Welding Programs

#### Equip your NX

- » Welding Torch
- » Wire feeder
- » Cooling unit
- » Remote Controls
- » Accessories

#### Rely on our services

- » Up to 5 year Warranty
- » Welding programs trial upload
- » Welding validation program
- » EN1090 program
- » Weld@Net platform

# TERRA NX LINE

	MIG/MAG	MIG/MAG PULSE	TIG DC HF
Equipment	TERRA NX 320 SMC	TERRA NX 320 PMC	TERRA NX 270 TLH
	TERRA NX 400 SMC	TERRA NX 400 PMC	TERRA NX 320 TLH
	TERRA NX 320 MSE	TERRA NX 320 PME	TERRA NX 400 TLH
	TERRA NX 400 MSE	TERRA NX 400 PME	
	TERRA NX 500 MSE	TERRA NX 500 PME	
Processes	ArcDrive	ArcDrive	DcDrive
	RapiDeep	RapiDeep	DcPulse
		PulsDrive	FastPulse
		QuickPulse	EasyArc





# JOIN! voestalpine Böhler Welding

We are a leader in the welding industry with over 100 years of experience, more than 50 subsidiaries and more than 4,000 distribution partners around the world. Our extensive product portfolio and welding expertise combined with our global presence guarantees we are close when you need us. Having a profound understanding of your needs enables us to solve your demanding challenges with Full Welding Solutions - perfectly synchronized and as unique as your company.



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



**Tailor-Made Protectivity™** – The combination of our high-quality products and application expertise enables you to not only repair and protect metal surfaces and components. Our team of engineers, experienced in your specific applications, offer you customized solutions resulting in increased productivity for your demanding challenge. The result is what we promise: Tailor-Made Protectivity™.



**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 solve your soldering and brazing challenge through innovative solutions. The result is what we promise: Innovation based on in-depth 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](http://www.voestalpine.com/welding)



