

Lasting Connections

COBOT RO-BUDDY





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



COBOT RO-BUDDY

The Cobot Ro-Buddy is a revolutionary approach to robot-assisted welding.

Initial investments are dramatically reduced, system programming is extremely easy, and the end result is a net increase in efficiency for the entire process.



COBOT RO-BUDDY

Böhler Welding's Cobot Ro-Buddy is the opportunity to enter in the collaborative robot welding which drastically simplifies all installation and start-up operations (programming, masking, training...) and at the same time ensures high productivity even with low volume productions.

- » Quick and easy integration in the production flow.
- » Simple, intuitive programming.
- » Significant improvement in efficiency.
The Cobot Ro-Buddy precision and repeatability permit the use of high speed welding processes, increasing productivity by up to 50%.
- » Versatility. During pauses between one welding job and another, the Cobot Ro-Buddy can be used for non-welding tasks (e.g. manipulation and/or handling).
- » Access to all welding data. Welding programs can be loaded from the welding power source or from the Cobot Ro-Buddy own control panel.

WELCOME TO THE NEW WORLD OF INTEGRATED COLLABORATIVE WELDING



PLUG&PLAY

The Cobot Ro-Buddy provides perfect synergic integration between a robot arm, a welding system and a control panel with a 12" graphic interface. Connections, movement and welding control programs are all extremely easy and intuitive. Operations are just as rapid and secure as those of a smartphone.

- » Welding program settings
- » Real-time display of all parameters
- » Böhler Arc compatible
- » Pre-loaded procedure for the most common welding jobs
- » Fault diagnosis
- » Optional control panel holder



FULL SET

Ro-Buddy is a complete program where you will find all the components, hardware and software you need: control programs, control devices with start and stop buttons, torches for MIG and TIG welding, torch support, safety galvanic isolations, robot interfaces and much more. All included.

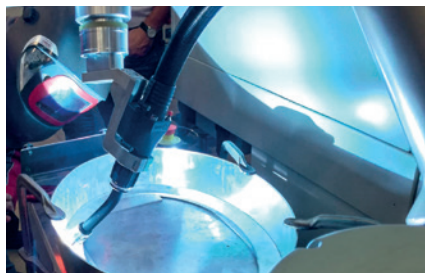


A SAFE, CERTIFIED SYSTEM

The Cobot Ro-Buddy is CE certified. Moreover, connecting the Cobot Ro-Buddy to Weld@Net network establishes an advanced welding system that qualifies for Industry 4.0.

COBOT RO-BUDDY + BÖHLER ARC UNBEATABLE TEAM

Thanks to the high speed of the collaborative arm, integrating the Cobot Ro-Buddy into MIG/MAG and TIG processes greatly extends the potential of your welding station and dramatically increases productivity, accuracy and reliability. Specific documentation on MIG/MAG and TIG processes is available for consultation.



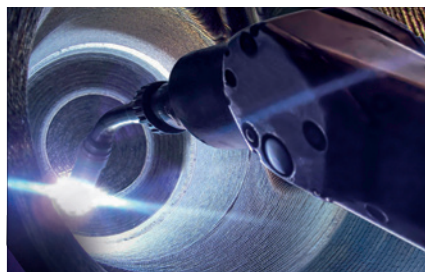
RAPIDEEP 2.0

Short and spray-arc MIG/MAG process with a special wave shape to improve penetration, maximize productivity and achieve a welding speed up to 50% faster than in a standard MIG/MAG process.



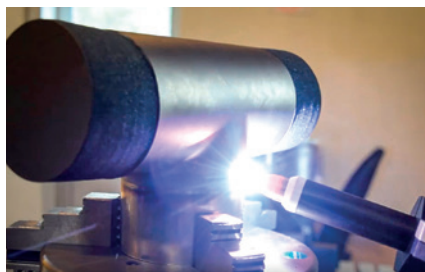
QUICKPULSE 2.0

Pulsed MIG/MAG process developed with a special wave shape to improve penetration, maximize productivity and achieve a welding speed up to 50% faster than in a standard pulsed MIG/MAG process.



CLADPULSE

Pulsed MIG/MAG process specially for industrial cladding ensuring high-deposition rate welding arc, minimal penetration and an extremely low percentage of dilution.



EASYARC

EasyArc is a TIG welding process, with an advanced intelligence that combines all the advantages of TIG AC and DC processes. EasyArc guarantees a highly concentrated, stable arc under all welding conditions and by setting just one parameter, you can ensure a top quality welding bead, a significant increase in productivity and a major reduction in heat input.

JOIN! voestalpine Böhler Welding

With over 100 years of experience, voestalpine Böhler Welding is the global top address for the daily challenges in the areas of joint welding, repair, hardfacing and cladding as well as brazing. Customer proximity is guaranteed by more than 43 subsidiaries in 25 countries, with the support of 2,300 employees, and through more than 2,000 distribution partners worldwide. With individual consultation by our application technicians and welding engineers, we make sure that our customers master the most demanding welding challenges. voestalpine Böhler Welding offers three specialized and dedicated brands to cater our customers' and partners' requirements.



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. As a reliable partner for customers, "lasting connections" are the brand's philosophy in terms of both welding and people.



Tailor-Made Protectivity™ – UTP Maintenance ensures an optimum combination of protection and productivity with innovative and tailor-made solutions. Everything revolves around the customer and their individual requirements. That is expressed in the central performance promise: Tailor-Made Protectivity™.



In-Depth Know-How – As a leading brand of soldering and brazing consumables, Fontargen Brazing offers proven solutions based on 50 years of industrial experience, tried and tested processes and methods. This In-Depth Know-How has made Fontargen Brazing an internationally preferred partner for every soldering and brazing task.

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



