iBOTone® – the future of welding and fabrication

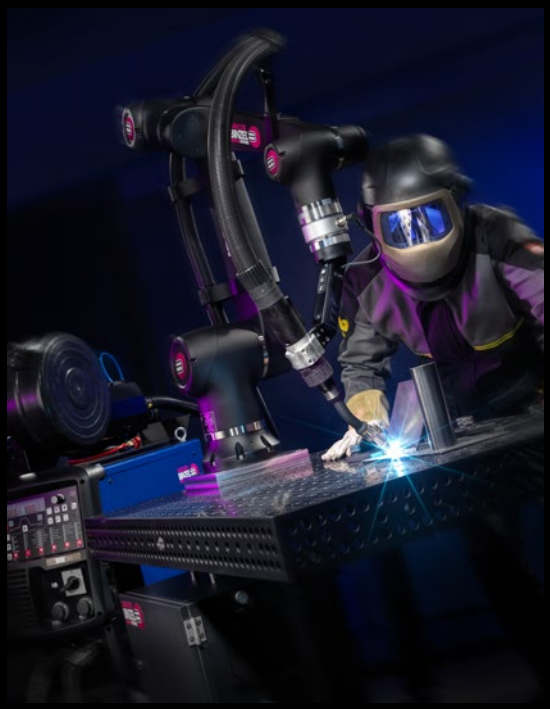
ABICOR BINZEL®

www.binzel-abicor.com

Prioritize time efficiency – ultimately boosting your throughput and revenue

Automated welding made easy

Prioritizing intuitive software that can be learned in as little as 30 minutes transforms the iBOTone® into a versatile tool for any welder on your team, rather than a specialized piece of equipment.
This tool enhances the efficiency of your existing workforce, enabling you to meet project deadlines and take on more job opportunities.



Built for small batch to high volume production

Not only is the software learn-able in as little as 30 minutes, but you can also program parts in the least amount of time. This capability allows for welding the smallest batch sizes among all systems, making it highly effective in welding a diverse range of parts in any plant. As a result, it leads to the highest efficiency gains with your existing workforce.

What makes the iBOTone® special:

- **Easy teaching**
  Easy teach handle enables you to move the robot smoothly and teach a program without using the teach pendant.
- **Easy to use for anyone**
  Everybody can weld after quick training sessions.
- **High stability and flexibility**
  Its excellent repeatability and path accuracy enable consistently perfect weld quality.
- **Use in harsh industrial environments**
  High-quality die-cast aluminum components and corresponding seals (protection class IP66) enable long-lasting industrial use in extremely harsh environments.
- **All-inclusive carefree package from ABICOR BINZEL**
  From the installation of the system to process optimisation and follow-up questions or challenges: the ABICOR BINZEL service takes care of installation, instruction and process optimisation for you – individually adapted to your processes.

Intuituve and easy to use

First class additional equipment
For top welding results with the iBOTone®, we have, of course, also the suitable additional equipment:

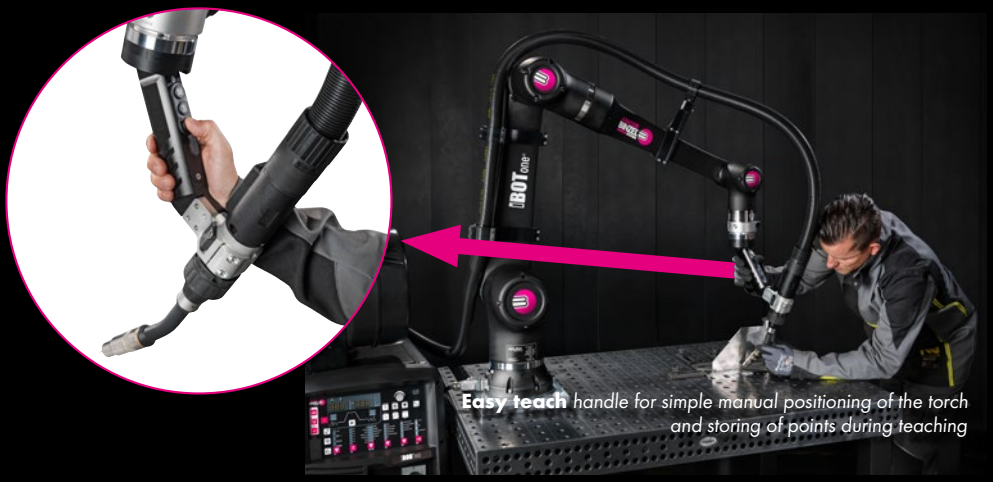
Robot welding torches

1. ABIROB® W 500
2. ABIROB® A 500
3. xFUME® ABIROB® AF500

Smart software

- **Self-explanatory wizards guide through setup and programming**
  Weld the first component in just a few minutes. No robot knowledge necessary.
- **Innovative and intuitive to use**
  Teaching waypoints is super quick and easy. Using recorded path is even faster and great to move around objects. For weaving function simply enter amplitude and frequency.
- **Perfectly aligned soft- and hardware**
  Using the easy teach handle in unique industrial design allows to operate the software without using the teach pendant during program creation – so fast, it works for smallest batches.

Easy teach handle
The easiest way of moving your robot, creating points or editing programs. The intuitive design works seamlessly with the software. The buttons are named with their functions. If you work under difficult conditions, the integrated light makes the environment brighter.



Easy teach *handle for simple manual positioning of the torch and storing of points during teaching*

Ensure welding operations run smoothly:
4 x 4 and 4 x 3 Siegmund workstation tables provide quality to each of your applications and ensure productivity remains at the top level.

Transitioning from manual to automated welding has never been simpler

- Don't waste time on long sophisticated, training
- After a quick introduction, anybody can program parts and strike the arc
- Unbeatable easy operation, teaching parts in minutes so batch size doesn't matter
- All operators can continuously produce great, high quality welds

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