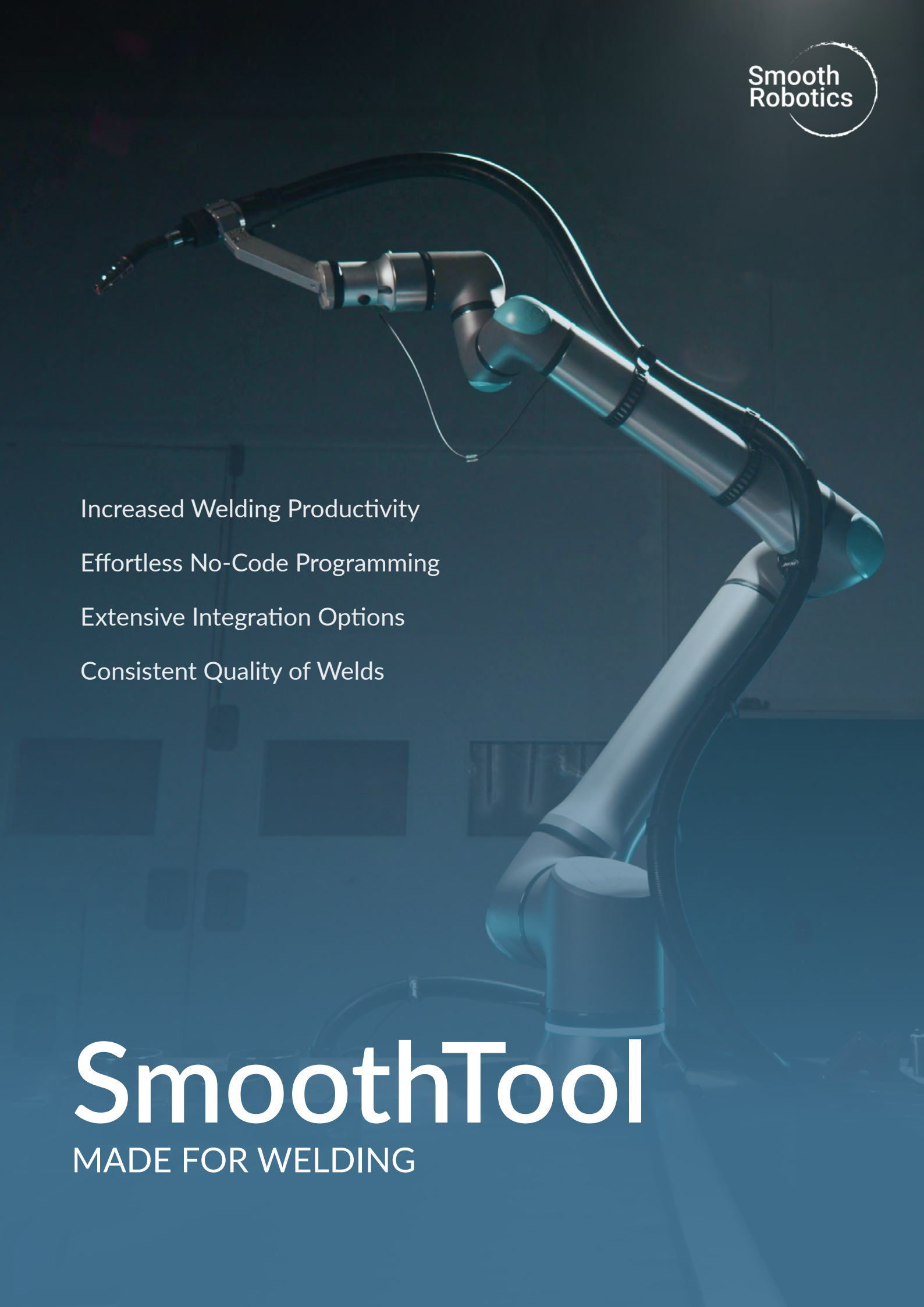
Smooth Robotics



Increased Welding Productivity

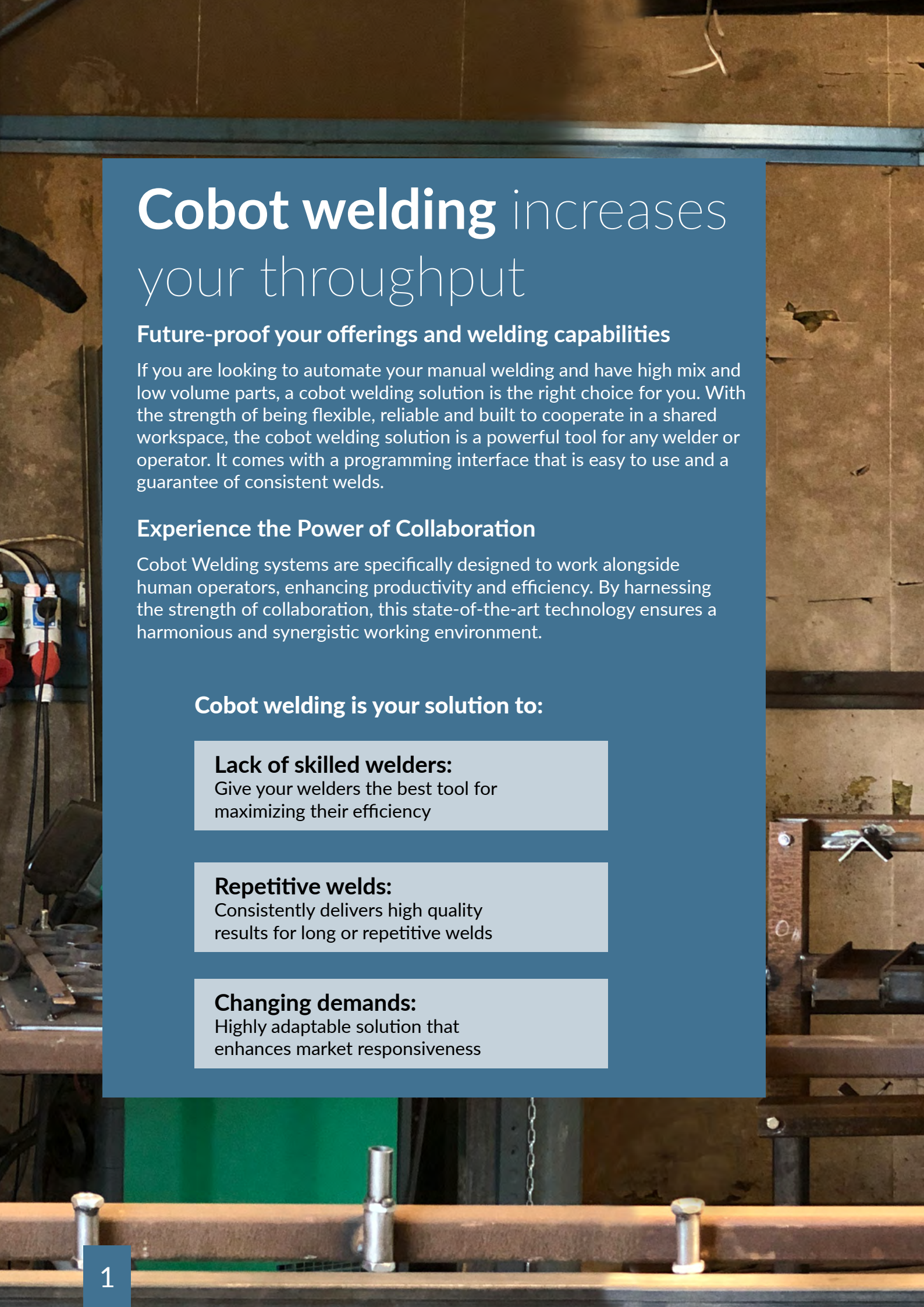
Effortless No-Code Programming

Extensive Integration Options

Consistent Quality of Welds

SmoothTool

MADE FOR WELDING



Cobot welding increases your throughput

Future-proof your offerings and welding capabilities

If you are looking to automate your manual welding and have high mix and low volume parts, a cobot welding solution is the right choice for you. With the strength of being flexible, reliable and built to cooperate in a shared workspace, the cobot welding solution is a powerful tool for any welder or operator. It comes with a programming interface that is easy to use and a guarantee of consistent welds.

Experience the Power of Collaboration

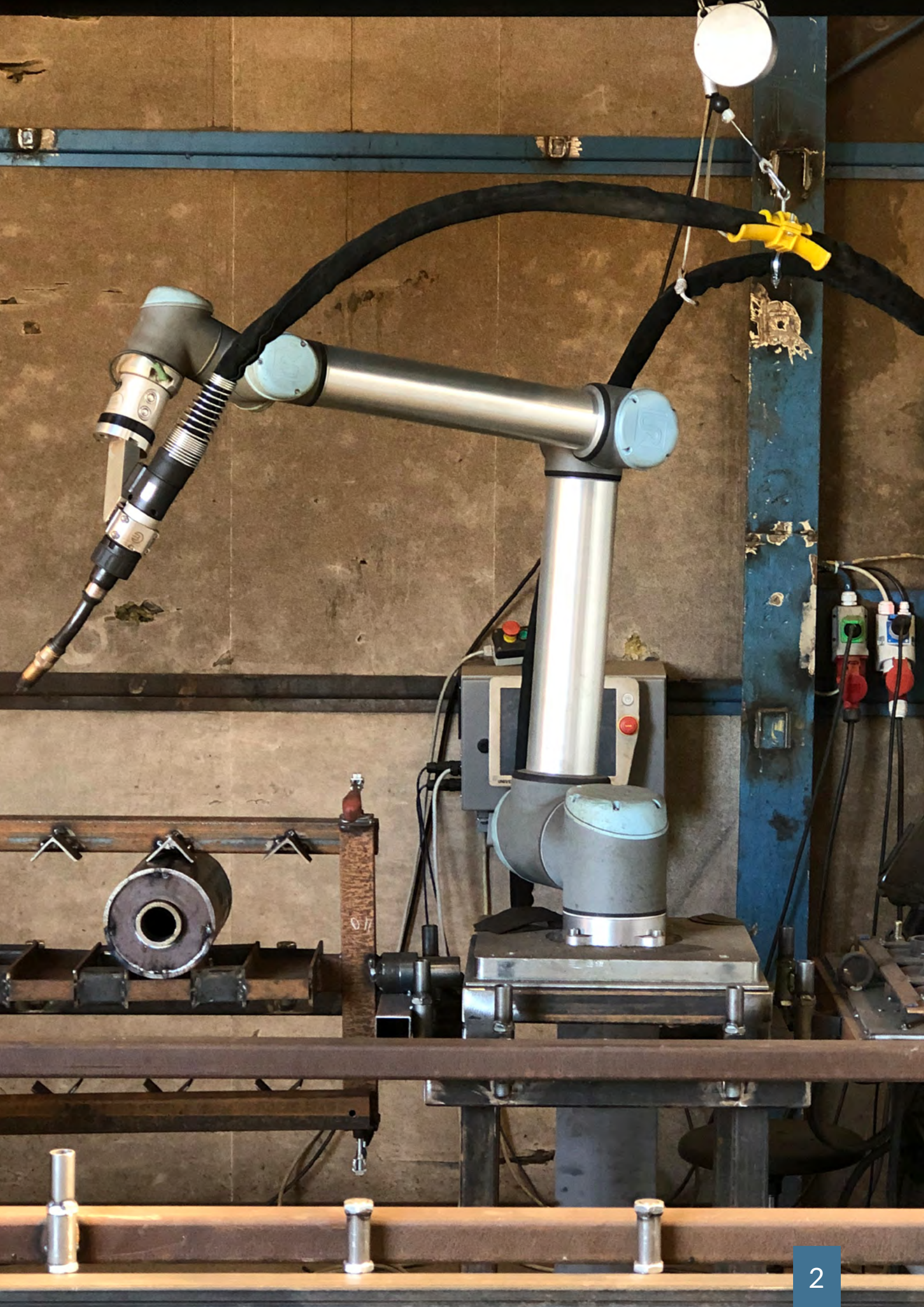
Cobot Welding systems are specifically designed to work alongside human operators, enhancing productivity and efficiency. By harnessing the strength of collaboration, this state-of-the-art technology ensures a harmonious and synergistic working environment.

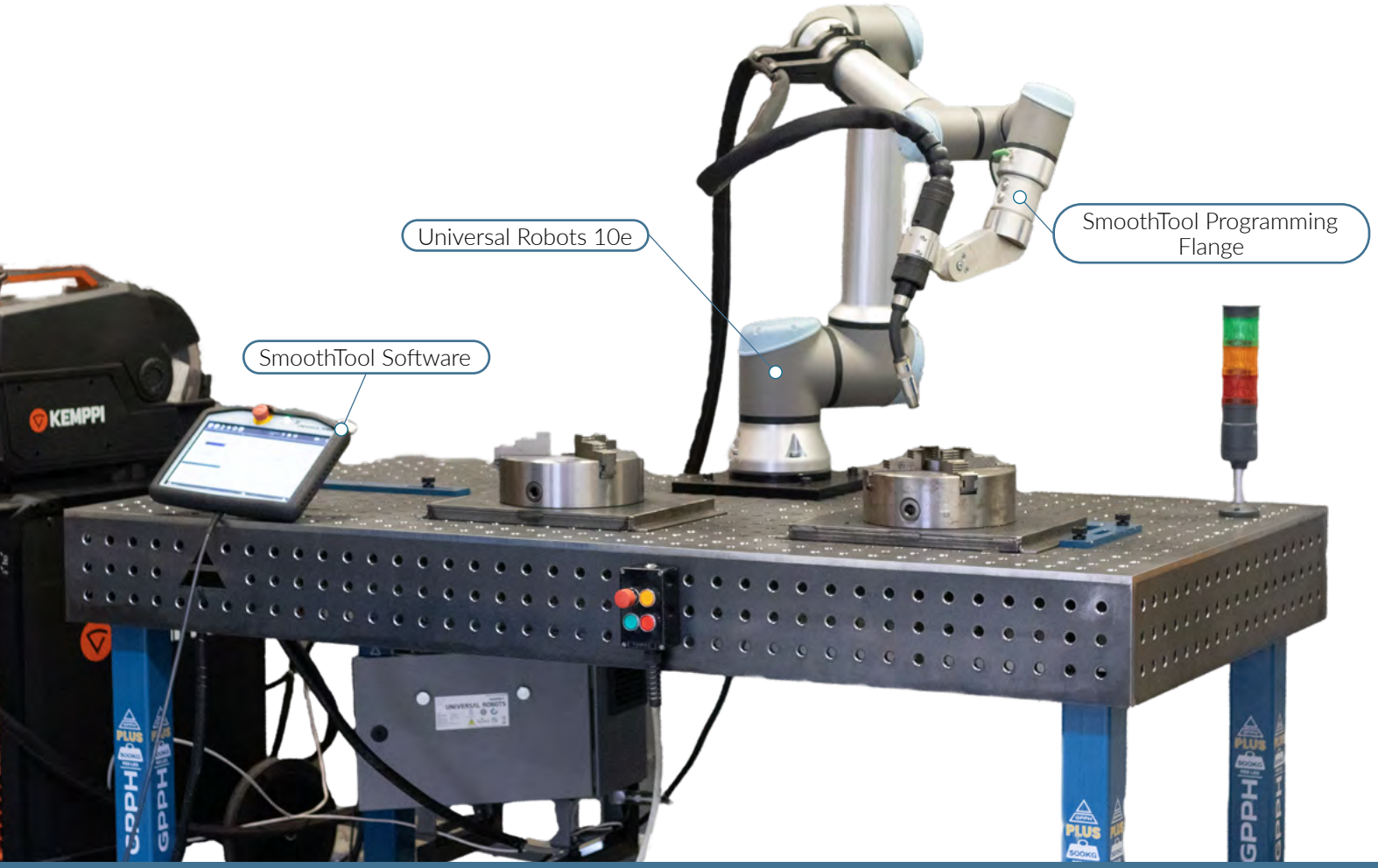
Cobot welding is your solution to:

Lack of skilled welders:
Give your welders the best tool for maximizing their efficiency

Repetitive welds:
Consistently delivers high quality results for long or repetitive welds

Changing demands:
Highly adaptable solution that enhances market responsiveness





Cobot welding: how does it compare to other solutions?

Cobot welding, manual welding and traditional welding automation with industrial robots represent distinct approaches to welding in manufacturing.

Cobot welding involves collaborative robots working alongside human operators, enhancing efficiency and productivity of the staff.

Manual welding relies on skilled labor for precise control in application but may be less consistent.

Welding automation with industrial robots employs programmed machines offering consistency in high volumes but often requirers significant initial investment, programming experts and inflexibility for small batches.

Cobot welding is bridging the gap between manual skill and automated precision, catering to diverse manufacturing needs with agility and cost-effectiveness.

Traditional welding automation

- Provides high speed and productivity for large-scale productions with minimum changeover
- Requires a dedicated welding cell due to high safety risks
- Removes the need for welders but creates demand for skilled programmers instead

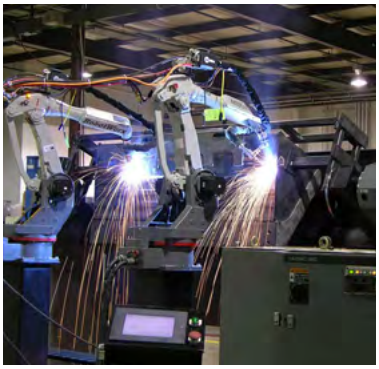
Cobot welding

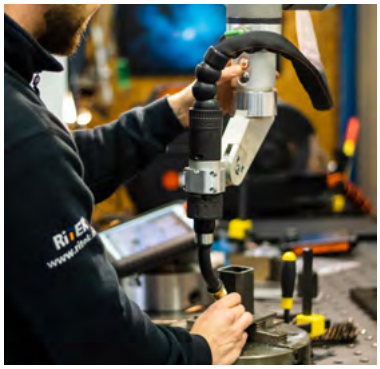
- Suits productions with high mix of sortiment in smaller batches
- Equips the welder with an effective and precise tool to take care of repetitive tasks enhancing productivity and weld quality
- Relies on human input but removes the need for recruiting more welding experts

Manual welding

- Delivers maximum efficiency in high-mix of welding tasks but suffers from diminishing results for larger batch sizes
- Requires skilled welders who are expected to reach consistent weld quality standards over long periods of time
- Least cost-extensive option but vulnerable to scarcity of workers

Explore which type of welding application is the most suitable for your production





Best Fit	Traditional Automation	Collaborative Welding	Manual Welding
Mix	Low	Moderate to High	High
Volume	High	Low to Moderate	Low
Robotics Skill	High	Low	None
Welder Present	No	Yes	Yes
Investment	High	Moderate	Low