



# CALL ME COWELDER

A COLLABORATIVE WELDING ROBOT

MIG/MAG // TIG SOLUTIONS

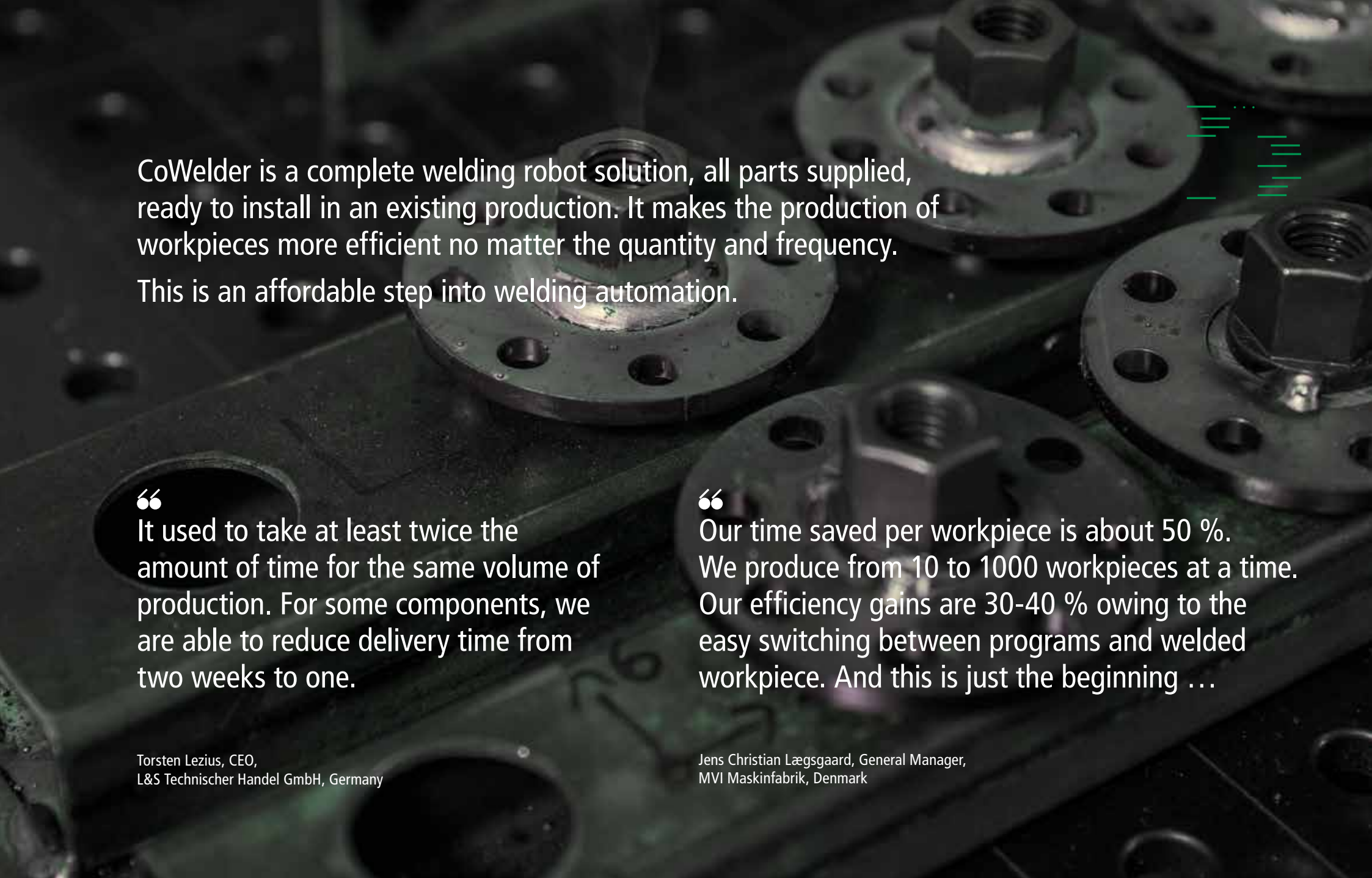
SMALL  
AND SMART

PROGRAMMING  
EASY

BUILT-IN SAFETY SYSTEM  
CE APPROVED

03  
02  
01

**MICATRONIC**  
WELDING VALUE



CoWelder is a complete welding robot solution, all parts supplied, ready to install in an existing production. It makes the production of workpieces more efficient no matter the quantity and frequency. This is an affordable step into welding automation.

“

It used to take at least twice the amount of time for the same volume of production. For some components, we are able to reduce delivery time from two weeks to one.

Torsten Lezius, CEO,  
L&S Technischer Handel GmbH, Germany

“

Our time saved per workpiece is about 50 %. We produce from 10 to 1000 workpieces at a time. Our efficiency gains are 30-40 % owing to the easy switching between programs and welded workpiece. And this is just the beginning ...

Jens Christian Lægsgaard, General Manager,  
MVI Maskinfabrik, Denmark

# A NEW WELDING ASSISTANT

The CoWelder™ is possibly the smartest and smallest automated welding solution on the market. It joins the family of cobots: collaborative robots working together with humans in a shared workspace. The CoWelder is the world's first CE approved welding cobot package solution.

With this flexible and easy-to-program cobot you can increase work efficiency, releasing skilled welders for other tasks, therefore saving time and costs.

The CoWelder can improve your small and large batch component production, delivering uniform welds of continuous high quality.

## EASY INSTALLATION AND PROGRAMMING

It takes little time to install the CoWelder in your existing production and you can start welding on the first day.

Programming the CoWelder is simple and intuitive. Staff with no programming experience can easily learn how to operate the robot. Build up a catalogue of workpieces each with an attached program and switch between them as required during a workday.

The CoWelder is an affordable step into automation and has a short payback period.

## MIG/MAG CE APPROVED PACKAGE INCLUDES:

- 01 Balancing holder
- 02 Rear protective cover
- 03 Omega<sup>2</sup> CoWelder 300/Sigma Select 400
- 04 Start/stop unit with 5m cable
- 05 Teach pendant
- 06 Mobile table mount, auto-balancing system
- 07 Free drive button
- 08 UR robot arm

CoWelder™ comes with templates for easy programming.

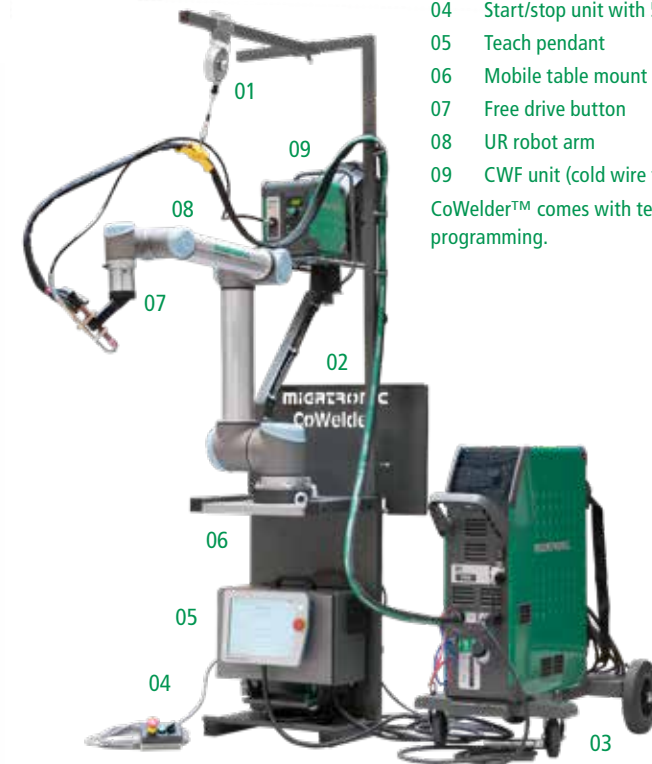


Features pulse welding and various Migatronic technologies, such as IGC® (Intelligent Gas Control) for gas savings, PowerArc for better weld penetration, DUO Plus for TIG-like welds and MigaLog for logging welding data.

## TIG CE APPROVED PACKAGE INCLUDES:

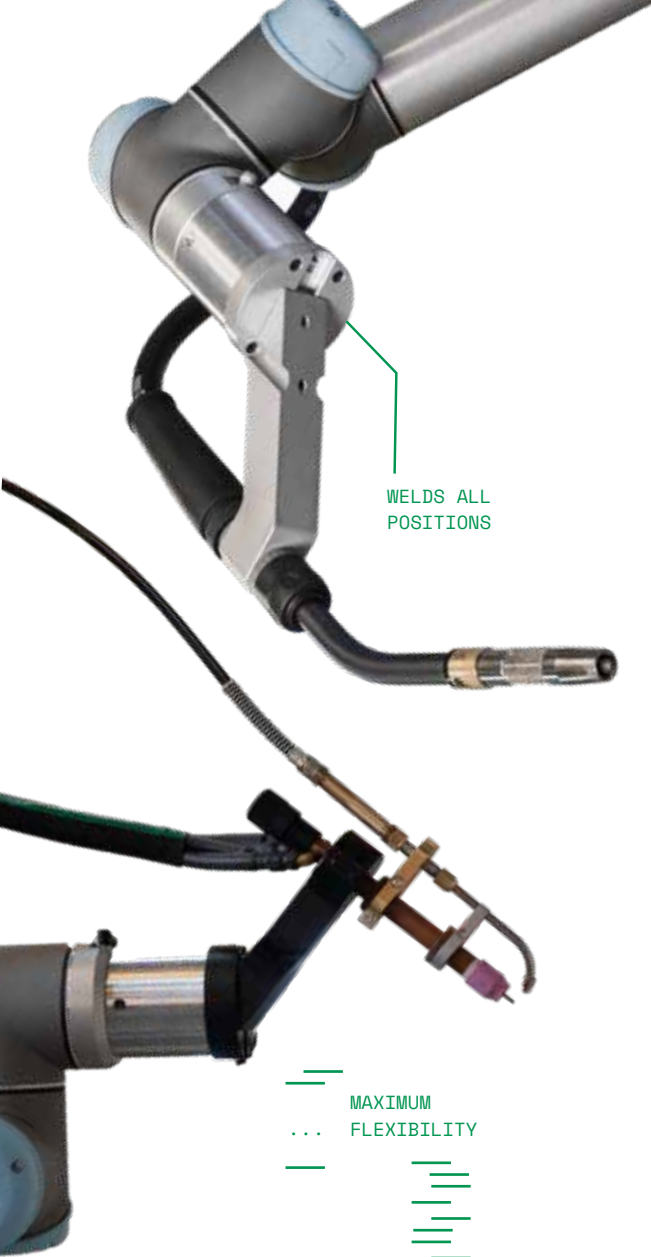
- 01 Balancing holder
- 02 Rear protective cover
- 03 PI 350 AC/DC
- 04 Start/stop unit with 5m cable
- 05 Teach pendant
- 06 Mobile table mount
- 07 Free drive button
- 08 UR robot arm
- 09 CWF unit (cold wire feeder)

CoWelder™ comes with templates for easy programming.



Features pulse welding and Migatronic technologies, such as IGC® (Intelligent Gas Control) for gas savings, TIG-A-Tack for invisible fixations without gas and D.O.C® (Dynamic Oxide Control) for a controlled cleaning zone.





WELDS ALL POSITIONS

MAXIMUM FLEXIBILITY

### MIG CoWelder Package Solutions

UR5

79115001	CoWelder UR5 Omega² CoWelder 300 Advanced
79115002	CoWelder UR5 Select 400 Synergic
79115003	CoWelder UR5 Select 400 W Synergic
79115004	CoWelder UR5 Select 400 Pulse
79115005	CoWelder UR5 Select 400 W Pulse
79115006	CoWelder UR5 Select IAC 400 Synergic
79115007	CoWelder UR5 Select IAC 400 W Synergic

UR10

79115011	CoWelder UR10 Omega² CoWelder 300 Advanced
79115012	CoWelder UR10 Select 400 Synergic
79115013	CoWelder UR10 Select 400 W Synergic
79115014	CoWelder UR10 Select 400 Pulse
79115015	CoWelder UR10 Select 400 W Pulse
79115016	CoWelder UR10 Select IAC 400 Synergic
79115017	CoWelder UR10 Select IAC 400 W Synergic

### TIG CoWelder Package Solutions

UR5

79115050	CoWelder UR5 Pi 350 AC/DC
79115051	CoWelder/UR5/Pi 350 AC/DC with CWF

UR10

79115060	CoWelder/UR5/Pi 350 AC/DC
79115061	CoWelder/UR5/Pi 350 AC/DC with CWF

# FLEXIBILITY IS KEY

With the CoWelder, you can optimise your welding production of workpieces no matter the quantity and frequency. This automated welding solution is so flexible that it pays off, no matter if you weld one workpiece or a thousand at a time.

The six axes robot arm moves quickly between various welding positions. In this way, it can weld workpieces faster than you can do manually.

The CoWelder has excellent welding performance in mild steel, stainless steel, aluminium and special alloys.

**MIGATRONIC**  
WELDING VALUE