

MADE IN GERMANY

NEW: COBOT UR10e

NEW: myCOBOT



**TOGETHER.  
SIMPLY.  
ABLE TO DO MORE.**

**LORCH**  
smart welding

The new Lorch Cobot Welding World  
for customised complete solutions.

[www.lorch.eu](http://www.lorch.eu)



# Cobot welding: the lever for medium-sized businesses.

The best Cobot welding solution from the market leader. Secure investments and effective.

Cobot welding means collaborative robot welding for medium-sized businesses – a system made for automation of small and medium-sized series.

This form of welding automation leaves the welder in control of the system while the cobot performs the instructions perfectly and precisely. They work hand in hand together. This makes their workplace more attractive, relieves the welder, and increases productivity and quality in the company.

Compared to other automation solutions, your investment costs will remain much lower than with the much less flexible industrial robot welding.

## THE ANSWER TO ...

### Lack of specialists

in the welding industry

### Cost pressure

from international competition

### Technology gaps

due to uncertain and high investment costs

Video on the Lorch Cobot  
automation solution

[https://www.youtube.com/  
watch?v=1xD9\\_g06yCs](https://www.youtube.com/watch?v=1xD9_g06yCs)





# Top welding technology and maximal service.

A world for winners: Everything is interlocking – leading to top performance.

The Lorch Cobot Welding World permits simple entrance into welding automation for medium-sized companies. Our myCobot system kit offers customised complete solutions that will integrate easily into your work processes. Smart software, perfect processes, and an international partner network make the difference for your project.

## FIRST-CLASS PROJECT SUPPORT

### Consulting

Transparent consulting based on your work processes and targets

### Individual complete solution

Perfectly coordinated components for intuitive operation and efficient work

### Financing

Attractive offers from rent to financing of your function package

### Setup and assembly

Reliable setup and integration up to commissioning of your system

### Training and instruction

Immediately productive due to easy-to-understand training for operation and functions

### Customer service

Our qualified Cobot partner is available to you with comprehensive services

#### Video on the Lorch Cobot Truck

<https://www.youtube.com/watch?v=NGXl4NAajxA>







## Selected references.

Profitable stories on successfully implemented Cobot automation solutions.



*"Programming the welding Cobot is fun and easy to understand. The robot welds very reliably. Both the time savings and workload reduction where repetitive, tiring welding tasks are concerned are enormous benefits for us."*

Simon Ludwig, welder,  
Hodapp GmbH



*"The cobot has enormous potential. We have cut the production time in the manufacture of our important turbine chassis in half."*

Frank Leutloff, steel construction department head at  
Rösler Oberflächentechnik GmbH.



*"Once optimally set, the weld seam produced by the Cobot warrants consistently high precision and quality. This is a clear benefit even in production of small batches, gaining valuable time while avoiding scrap."*

Roland Rinnergschwentner, managing director,  
Reku Produktion & Entwicklung GmbH



*"We achieve massive time savings of up to 40% thanks to the welding Cobot solution with turning-tipping table. We also relieve our welders of particularly long, exhausting welding work."*

Alexander Hörzenberger, head of steel constructions,  
Habau Group



# Now new: Flexibly put together all components.

New tactic for more space.

With its plug-and-weld claim, the new myCobot automation solution systematically creates just the customisation options that have been tried and tested by many customers and that ensure true benefits. A system kit that leaves the choice to you where it truly matters, while offering only economically useful options.

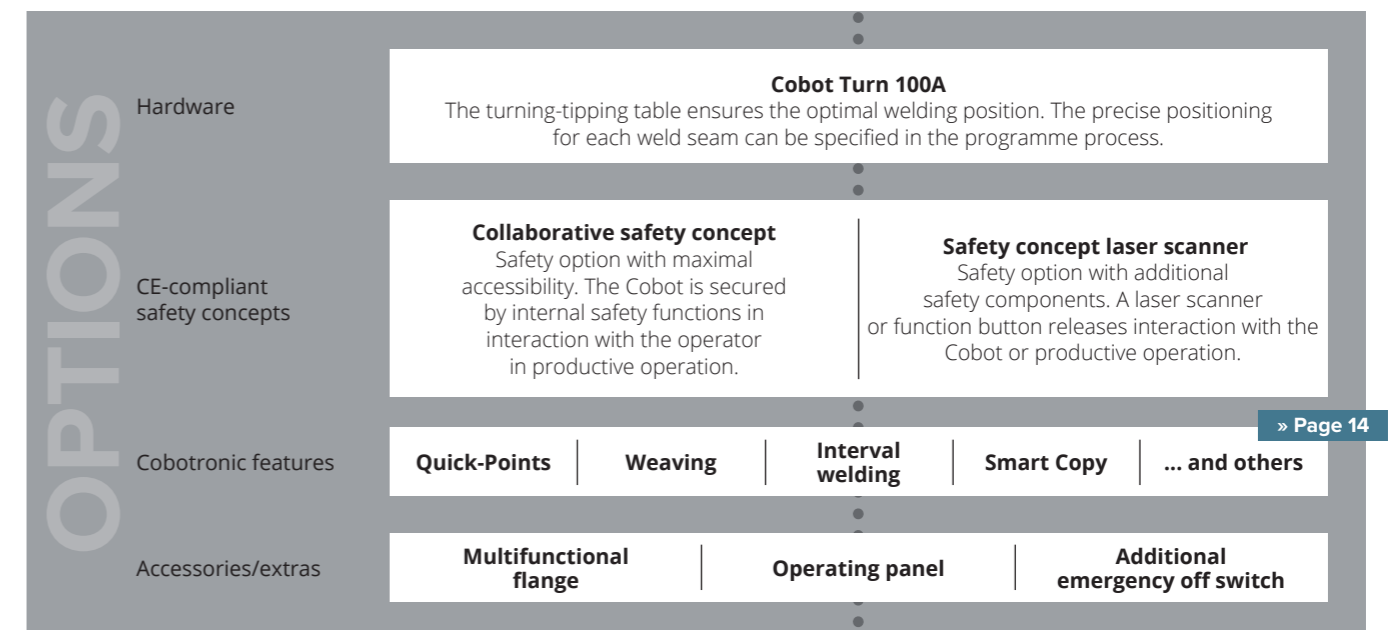
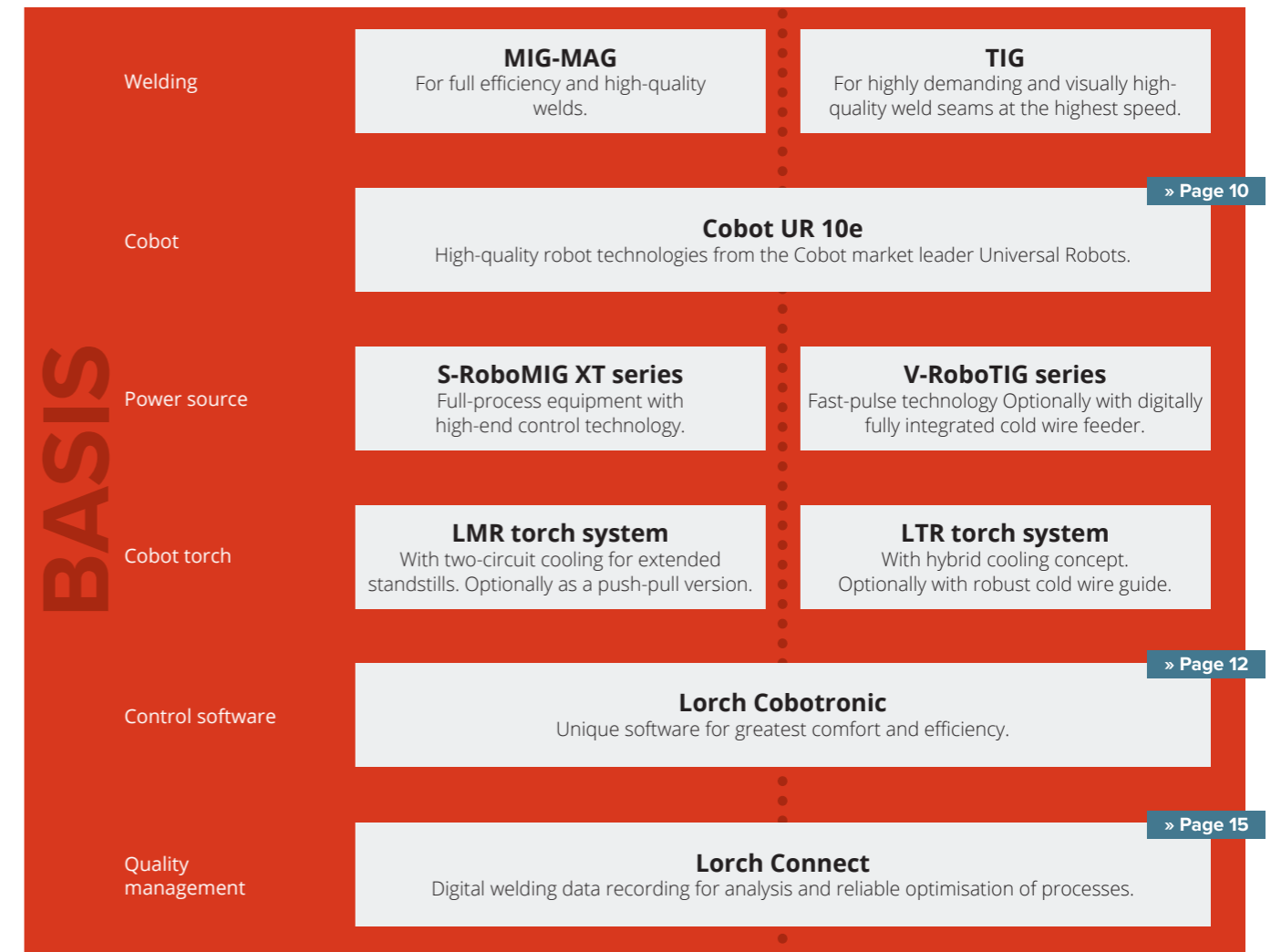
**Quick amortisation, simple handling for your welder, and precisely fitted to your individual application!**

myCobot promises the best automation solution for you – without any risk at all.



## The kit: myCobot

Customise automation solutions with Lorch now.



# The multitalent Cobot UR10e.

Lorch offers the best team player  
for any challenge.

Looking at the five most frequent causes of injuries at production sites, 8% are due to monotonous movement processes and 24 due to excessive strain.

The current Cobot series from the market leader Universal Robots not only relieves your team of these tasks but in combination with our Lorch Cobotronic software also opens up new dimensions when processing your welding demands.

**Cobot welding is even more intuitive, precise and optimised now!!**

Highest quality for practical use. Quick to use and intuitive to operate, for consistently high-quality welding results. Always with the goal of creating a better and more efficient solution for you.

## Improved repeatability

for maximum and consistent weld seam quality

## Easier free drive

for simpler Cobot guidance and programming by the welder

## More custom options

referring to operating comfort, programming process, and cobot control



### Overview of the Cobot UR10e

- 1,300 mm work radius
- 12.5 kg carrying load
- simple, intuitive programming
- very small footprint
- short time to amortisation
- plenty of plug & play accessories

For further information, see  
[www.lorch.eu/en/cobot-welding](http://www.lorch.eu/en/cobot-welding)



# The software for greatest comfort and efficiency.

Lorch Cobotronic makes the difference.

The Lorch Cobot Welding World essentially differs from other Cobot solutions by its outstanding software. It is perfectly adapted to the welding technology, and therefore your needs, by our experienced welding experts – maximal user compatibility and intuitive handling makes production more efficient.

**Continuous updates and further developments open up use of new function expansions for you** – in as many as 12 different languages!



## Intuitive operation for quick setup and optimisation.

To the goal in a breeze.

The simple and intuitive operation of the Cobotronic software enables users to set and optimise welding parameters very quickly. The choice of three practical modes is a great help here. With its assistant mode, the software supplies parameter suggestions for optimal welding results, depending on the chosen application.



### Job mode

In job mode, the Cobot comfortably and simply takes over parameter control of the power source.

### Individual mode

For true pros: the individual mode permits full access to the parameters and characteristic curves of the power source right on the Cobot control.

### Assistant mode

Selection of welding parameters: Even experienced welding pros may find selection of the right material, wire, and gas combination and the proper welding speed tedious and complex at times. The Cobotronic assistant systems make this simpler and more efficient.



Video for the Lorch Cobotronic

[https://www.youtube.com/watch?v=FJA\\_9h2xbiU](https://www.youtube.com/watch?v=FJA_9h2xbiU)





# The future can be upgraded.

Our solution for your secure investment.

The Lorch Cobot Welding World now also gives you the option of selecting equipment of your Cobotronic software just as you need it. Additional functions support you in your individual production needs and work processes. Our welding experts continually develop our scope of functions. Later further developments are, of course, upgrade-capable.

## Comprehensive additional functions.

Best requirements for success.

The myCobot system kit now offers further functions for the Cobot control. This includes, among other things:

NEW

### Quick-Points

Simplest programming of waypoints and welding commands with a single click on the multifunction flange.

NEW

### Smart Copy

Copying already-programmed part programmes that can be simply shifted and rotating in the work area.

### Interval welding

Step welding along a weld seam.

### Spot function

Comfortable tacking – also in the program sequence.

### Linear weaving

Weaving of weld seams, no matter if they are linear, radial, or along an entire track course.

### Software-supported help

to determine the optimal welding parameters based on the throat thickness a.

### Integrated control

from torch cleaning stations to program functions, wire feed, and gas test.

### QuickAccess menu

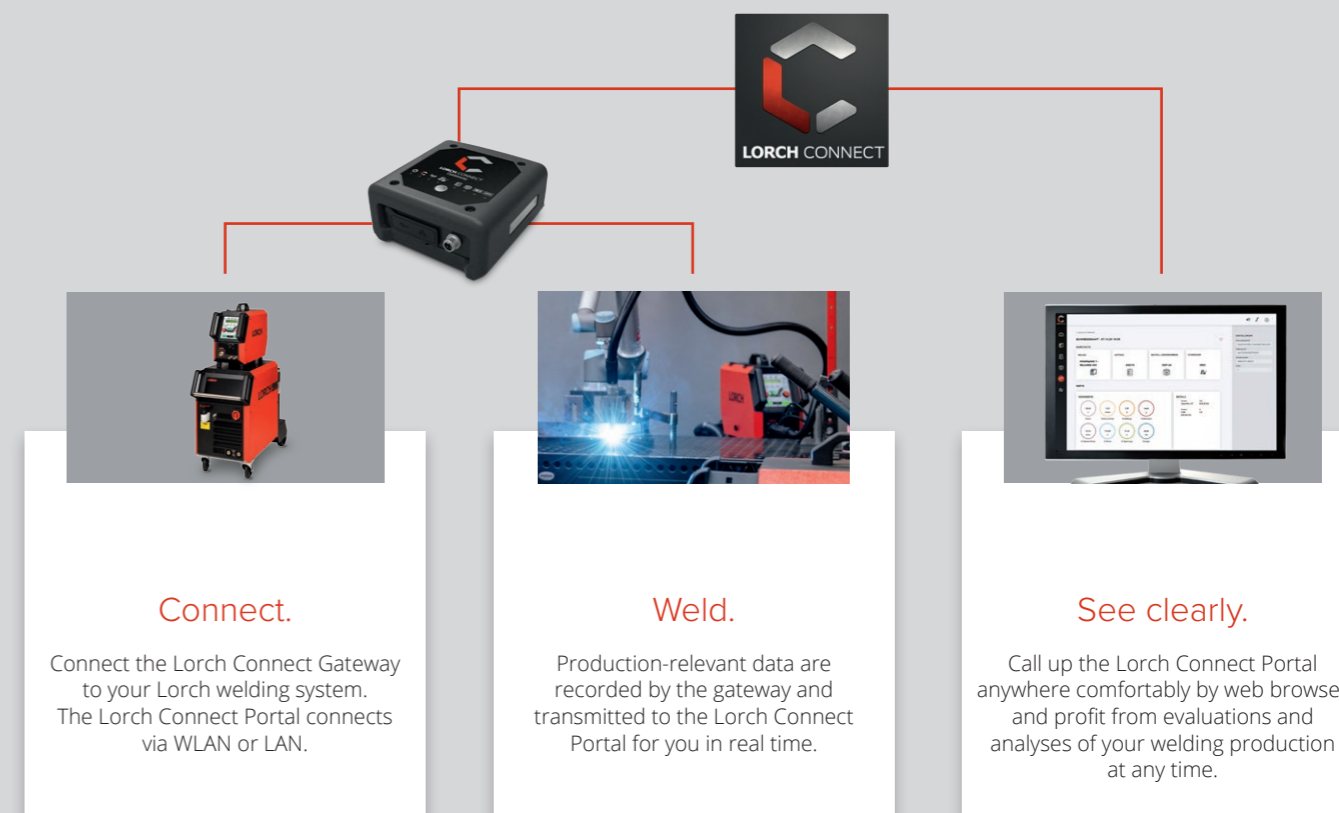
Get quick access to the most important functions – always quick to reach.

# Your perfect gateway into the digital era.

Use Lorch Connect to digitise, analyse, and reliably optimise your welding processes.

The start into the Lorch Cobot Welding World takes you one step closer to Industry 4.0. Take two with the Lorch Connect Gateway, now serially integrated. It allows you to use Lorch Connect, the simple and cost-efficient cloud solution for reliable recording and analysis of your welding production data, comfortably and without any additional costs! Performance and analysis, as well as documentation of results, are particularly important for automation. Enjoy free access to the Lorch Connect Portal for 1 year and try out the digital services entirely without any risk.

How it works:



### Connect.

Connect the Lorch Connect Gateway to your Lorch welding system. The Lorch Connect Portal connects via WLAN or LAN.

### Weld.

Production-relevant data are recorded by the gateway and transmitted to the Lorch Connect Portal for you in real time.

### See clearly.

Call up the Lorch Connect Portal anywhere comfortably by web browser and profit from evaluations and analyses of your welding production at any time.

Video to the Lorch Connect

[https://www.youtube.com/watch?v=Exs\\_Ofe7Ug4](https://www.youtube.com/watch?v=Exs_Ofe7Ug4)





# A large team is ready for you.

Our Lorch Cobot partners can be found across Europe, and surely also in your area.

Learn about further advantages of the Lorch Cobot Welding World from your qualified Cobot partner on site: personally, close to you, and quick!

Simply try out our Cobot automation solutions there on a demo system in a live demonstration and experience it for yourself.

## Your Cobot contact:



For further information, see  
[www.lorch.eu/en/cobot-welding](http://www.lorch.eu/en/cobot-welding)