

**NEW**

# MAKE YOUR TEAM STRONGER

**LORCH COBOT WELDING**

**TIG-Edition**



**LORCH**  
smart welding

# MAKE THE COBOT THE NEW WELDER IN YOUR TEAM

## Now also available for your TIG welding tasks

Enter the new world of TIG welding. The new Cobot TIG Welding Package opens up the world of Cobot welding for classic TIG applications such as within the food industry, Mechanical engineering, sheet metal processing and furniture industry. The intuitive system ensures perfectly reproducible results in small and medium batches. Profit from high quality visible seams, which are welded 100% spatter-free with no need for post weld rework.

Cobot welding offers an easy entry point into the world of automated welding and a first step towards Industry 4.0. This robot technology enables medium-sized companies to weld small to medium batch sizes with ease and an affordable budget.

The Lorch Cobot Welding Package is tailored perfectly to the needs of specialised welding companies, can be integrated seamlessly into their work flows and bolsters their competitiveness. Look forward to a new type of welding.

### Services

You can obtain the Lorch Cobot Welding Package from your local Cobot partner. Because one thing is paramount to us: up-close and personal service from the beginning and no extensive waiting times. This is why all of Lorch's Cobot partners have undergone special training programs so that they can provide you with the best Cobot welding support right from the start. No matter what type of service you require – be it consulting, training, technical service or an attractive financing offer – you are in the best of hands with our Cobot partners. In addition to our personal services, the free Cobot E-Learnings offers you the opportunity for self-initiated training around the clock.

### Welding

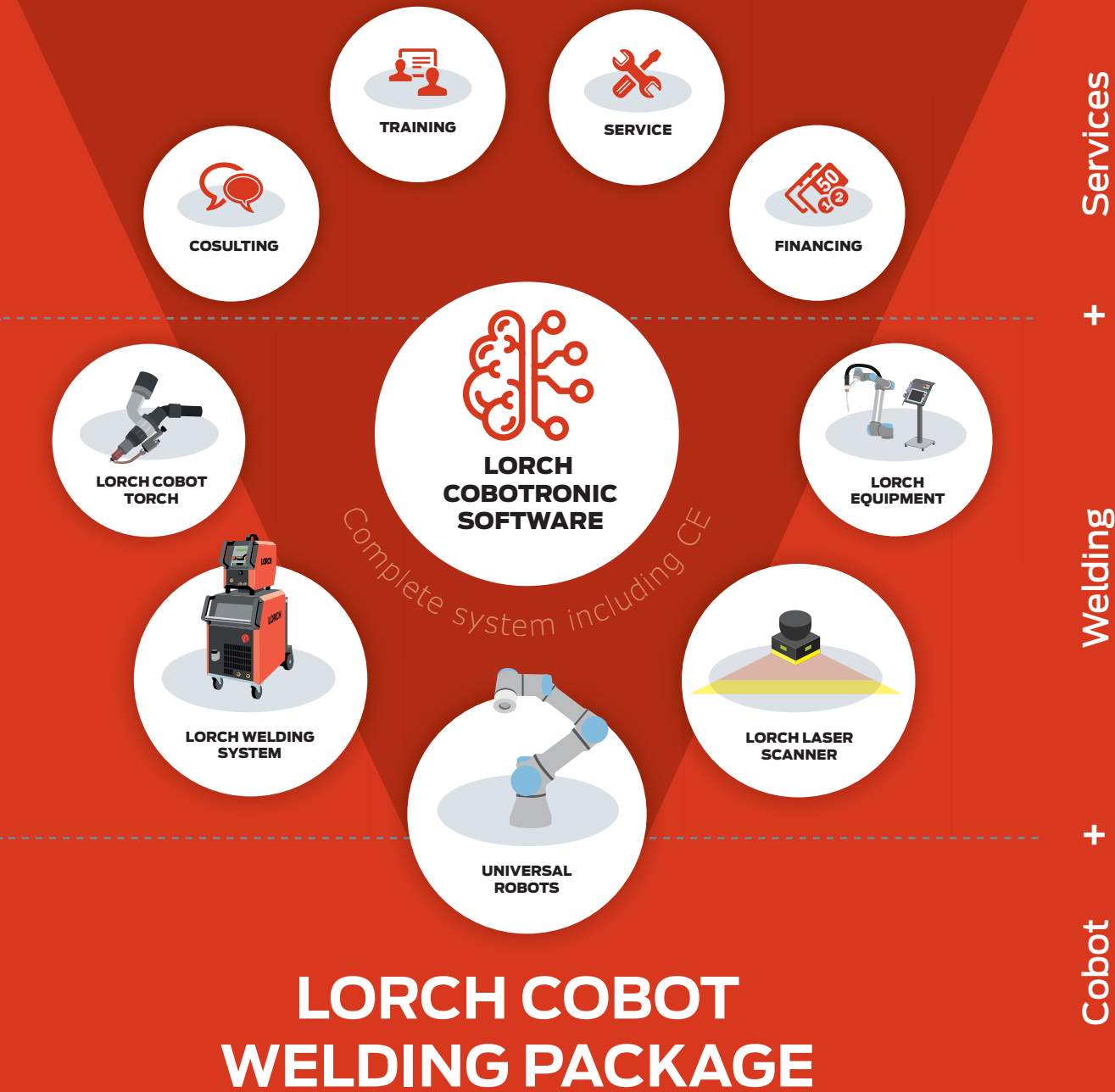
Our Cobot Welding Package is the product of more than 60 years of concentrated expertise in welding technology, innovative Lorch Speed welding processes and a great many years of experience in engineering welding solutions for automation and robotics. The pairing of a premium Lorch welding system with the specially developed Cobotronic software offers maximum synergy benefits and guarantees top quality and productivity during welding. In addition to our personal services, the free Cobot E-Learnings offers you the opportunity for self-initiated training around the clock. Maximum operator safety is guaranteed by a user-friendly safety concept based on a state-of-the-art laser scanner. The package is made complete by matching accessories that are customised to your needs.

### Cobot

Cobots open a new chapter in the history of welding production and convince with their intuitive operation. Boasting more than a decade of experience in collaborative lightweight robot systems, the current market leader in Cobots brings you the UR10, a system that provides everything that is essential to a medium-sized welding company.



MAKES YOUR TEAM STRONGER



# THE LORCH COBOT WELDING PACKAGE

## Cobot UR10

- radius of action: 1300 mm
- Traglast: 10 kg
- Freedrive button and multi-functional buttons at the wristjoint

## Cobot-Brenner LTR 350

- Current at 60% ED 350 A
- Cobot-optimized torch holder
- Integrated cold wire feed (optional)

## TIG-Edition

## Lorch Feed (optional)

- Automated cold wire feeder
- Reliable 4-roller feed
- Feed speed 0.2 - 6 m/min

## V 30 AC-DC - Cobot

- welding current 3 - 300 A
- Current at 60% ED 300 A
- Fast pulse up to 20 kHz
- Optimized HF ignition element for automated use
- AC-DC version (suitable for aluminium)
- Integrated water cooling

## Cobotronic Software

- Integrated control of the power source
- Highest possible user-friendliness

## Laser Scanner nanoScan 3

- Protective field up to 3 m radius
- Warning field up to 10 m radius
- Including safety PLC and enabling switch



	TIG-Package I	TIG-Package II	TIG-Package III	TIG-Package IV
UR10 including controller and touch control panel	•	•	•	•
Lorch V 30 AC-DC Cobot	•	•	•	•
Lorch LTR 300 W TIG-Cobot torch, 4.5 m incl. original equipment set	•	•	•	•
Lorch Feed Cold Wire Feed	-	-	•	•
Cold wire feeder for LTR 350	-	-	•	•
Safety package including SPS and enabling switch	1 x laser scanner	2 x laser scanner	1 x laser scanner	2 x laser scanner
Equipment for hose package handling, function button for „Freedrive“ on wrist Cobot, mounting plate, control panel, ground cable 70 mm <sup>2</sup> , LED signal light	•	•	•	•
CE marking (Intended use: Cobot for welding on welding table)	•	•	•	•

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