

# QUICK INSTALLATION AT ANY WELDING TABLE

## THE IDEAL SUPPLEMENT FOR MODERN MACHINERY

Sheet metal processing specialist H.P. Kaysser's love of tinkering and modern machinery has brought it to success across Europe. For the same reasons, it was one of the first companies to rely on the Lorch Cobot Welding Package. The new collaborative welding robot has converted once-manually welded parts to semi-automated production. The Lorch Cobot initially turns out to be an ideal addition to modern machinery, easy to integrate into existing workflows. It assists in welding of recurring parts starting at small series quantities, is quick to install and easy to operate and program.

### OVERVIEW

#### H.P. KAYSSER GMBH & CO. KG

- Nellmersbach, Germany
- 450 employees
- Sheet metal processing
- [www.kaysser.de](http://www.kaysser.de)



Simple operation: The welding process is "programmed" via the touch display. The torch may also be moved to the start and end positions manually via the free-drive function.



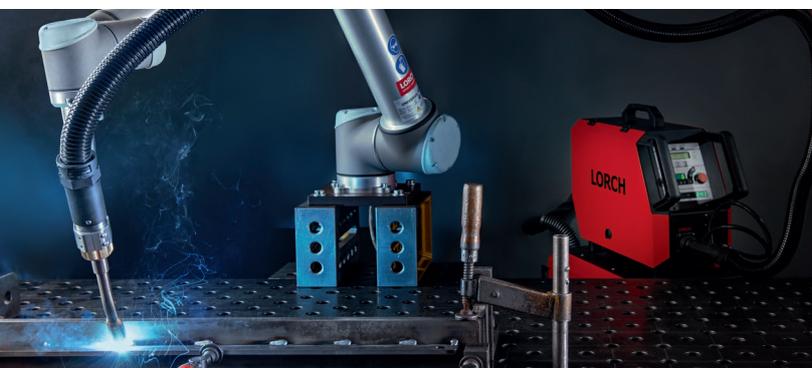
Time savings: The welder is already preparing the next part for welding while the Lorch Cobot accurately applies the weld seams set for recurring parts.

The specific solution at H.P. Kaysser

## TWO HIGHLY EFFICIENT COBOTS FOR TWO IMPORTANT PRODUCTION AREAS

H.P. Kaysser uses two Lorch Cobot Welding Packages in the tube/steel construction and stainless steel/aluminium technology production areas. Half of the orders have piece numbers below ten. The welding sequence can be preset as a programme based on the stored Lorch welding processes, which ensures consistently perfect weld seams in series production on the collaborative robot, no matter whether the work involves fine-grained structural steels, aluminium, or stainless steels. The Cobot is absolutely ideal for workpieces such as 80-centi-

metre-long steel T-beams (quantity 50), with eyelets for the suspension of heavy audio equipment at events. It's not all about the weld seam length either. Precise reproducibility also ensures fillet weld quality, where the customer's requirements leave very narrow tolerances. The Cobot also works with high efficiency since its parts are prepared at a secondary station in parallel to robot welding, saving time and reducing the welder workload.



*"An assisting robotic arm that doesn't need to be enclosed in a protective cell? We saw the potential in this at once."*

*– Thomas Kaysser, shareholder and managing director*

## FACTS

- Quick installation
- Simple programming and operation
- Consistent and high quality of the welds that require hardly any reworking
- Flexible to use and no protective enclosure necessary
- Relieves employees and compensates for shortage of skilled workers
- Easy to integrate into work processes
- Easy entry into automation
- Rapid amortisation of the investment

