



GET STARTED IN AUTOMATION – WITH YASKAWA AND LORCH

For more efficiency, quality and safety.

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MADE IN GERMANY

LORCH
smart welding

Simply do it: Welding robotics with Yaskawa and Lorch.

That's strong: Automated welding systems show off their advantages when it counts. They help to overcome the shortage of skilled workers and always deliver consistently high quality. Regardless of whether it's a recurring task or a one-off production: An automated system from Yaskawa and Lorch optimizes your production and, despite the common belief, does not involve high investment costs and time. On the contrary: We make the automation of your production easy.



Five reasons for automation.

- 1 Overcoming the shortage of skilled workers:**
Skilled workers can contribute their services elsewhere, because the handling requires less practice and expertise.
- 2 Ensure feasibility & quality:**
Continuous weld seams result in lower heat input while maintaining high quality visual results.
- 3 Enable increased replicability:**
Quality always remains at a high level, regardless of the welder. This also results in fewer wastage.
- 4 Realize savings potential:**
Labor costs are reduced through fast parameterization and shortened lead time.
- 5 Creating attractive jobs:**
Automation is the future and makes your production a modern and attractive workplace for young skilled workers.

Strong products, more benefits: The best of both worlds for you.

- + Welding Interface:**
The interface simplifies the programming and control of the power sources, thus reducing susceptibility to errors. This provides more safety and increases quality.
- + Speed processes:**
The innovative Lorch welding processes make welding significantly easier and faster. This sustainably reduces production costs.
- + Seam Tracking:**
Expanded feasibility and increased ease of use thanks to digital seam tracking - regardless of the type of control and arc. This increases the certainty that welding has been done correctly.
- + All from one source:**
The product and torch range is perfectly matched to a wide variety of applications for optimum welding results and longer service lives of wear parts. This leads to lower production costs.

This is how flexible automation works today.

At injection molding machine manufacturer Arburg, an innovative robotic welding system from Yaskawa together with a Lorch power source provides proof that batch size 1 and full automation are not mutually exclusive.

- Customer order-based production
- Maximum flexibility of the welding robot cell
- Highest availability and process reliability
- First-class welding results



Automatically better: Yaskawa powered by Lorch

Automation expertise with Yaskawa:

- Large portfolio of robots
- Market leader in robot welding
- Highest quality
- Application-specific welding robots



Arc expertise with Lorch:

- State-of-the-art manufacturing of welding machines
- Local and familiar contact persons
- Fast welding engineering service
- Coordinated delivery & commissioning

Benefit from the perfect synergy of experience and quality in robotics and welding technology from the market leaders in robotics and cobot welding.

Are you also facing a challenge?

Then contact us. Together with you, we will develop an individual solution for your welding tasks.



AUTOMATICALLY INTO THE FUTURE OF WELDING: EFFICIENT, HIGH-QUALITY, SAFE WITH YASKAWA AND LORCH

Your Lorch contact for all questions concerning automation:



For more information, please visit:
www.lorch.eu/yaskawa

