

# PEMA SKYLINE

Flexible Manufacturing System (FMS) for welding heavy steel structures.



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## Mastery in high-mix, low-volume production

PEMA Skyline is a fully automated Flexible Manufacturing System (FMS), designed to master high-mix, low-volume manufacturing. It is an all-in-one system tailored to your production – and it scales with your business.

### Modular & tailored layout

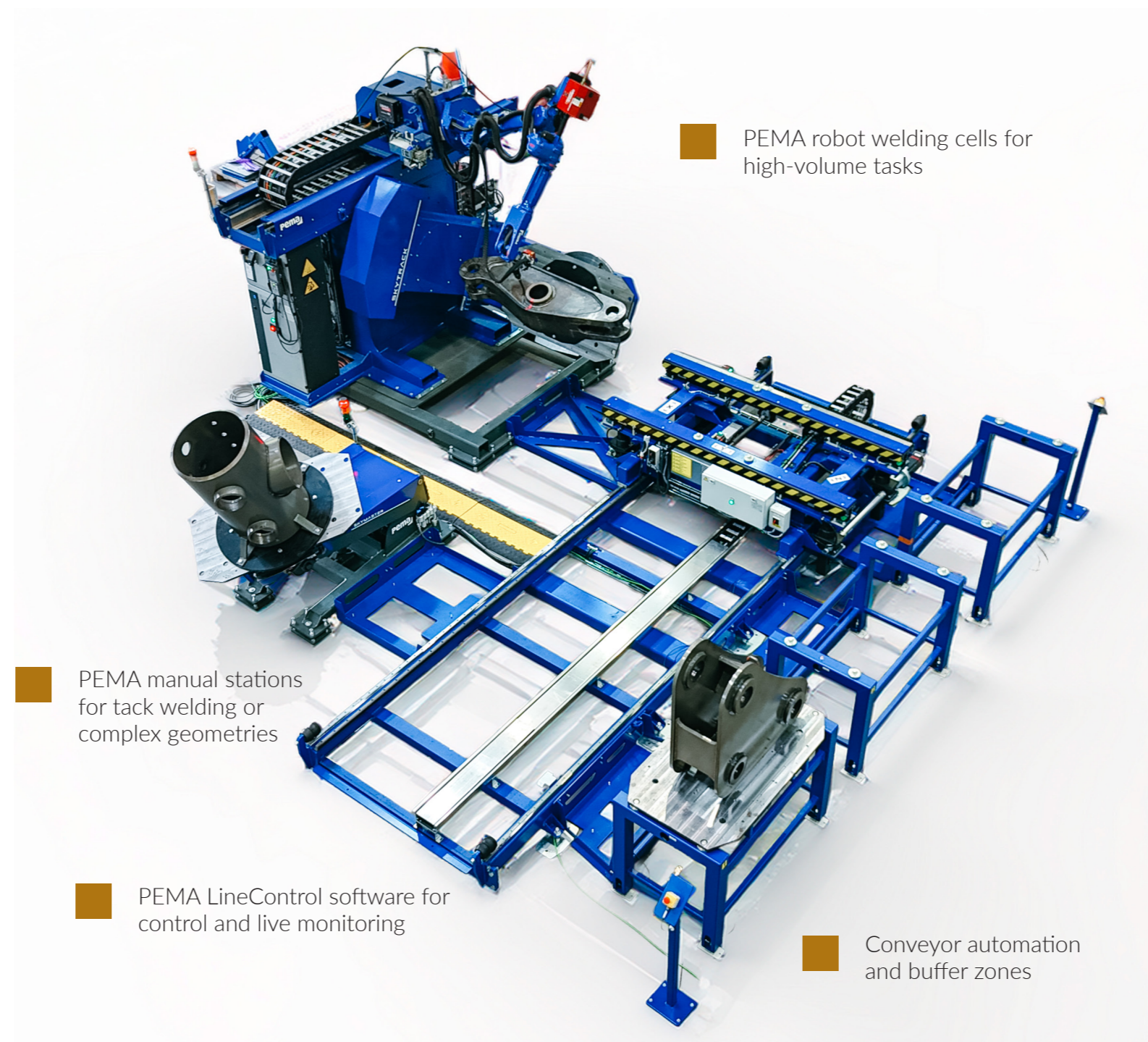
PEMA Skyline integrates seamlessly into your production process and, in most cases, into your existing facility. Pemamek delivers an optimized layout as a turnkey solution.

### End-to-end automation

PEMA Skyline automates the entire material handling and welding process. Workpieces move automatically between welding cells and buffer zones, maximizing arc-on time and minimizing manual work.

### One software to run it all

PEMA LineControl™ software provides a live view of the workflow, order-based production, and rapid product changeovers – all from a single interface, on-site or remotely.



PEMA robot welding cells for high-volume tasks

PEMA manual stations for tack welding or complex geometries

PEMA LineControl software for control and live monitoring

Conveyor automation and buffer zones

### Business benefits

#### Productivity

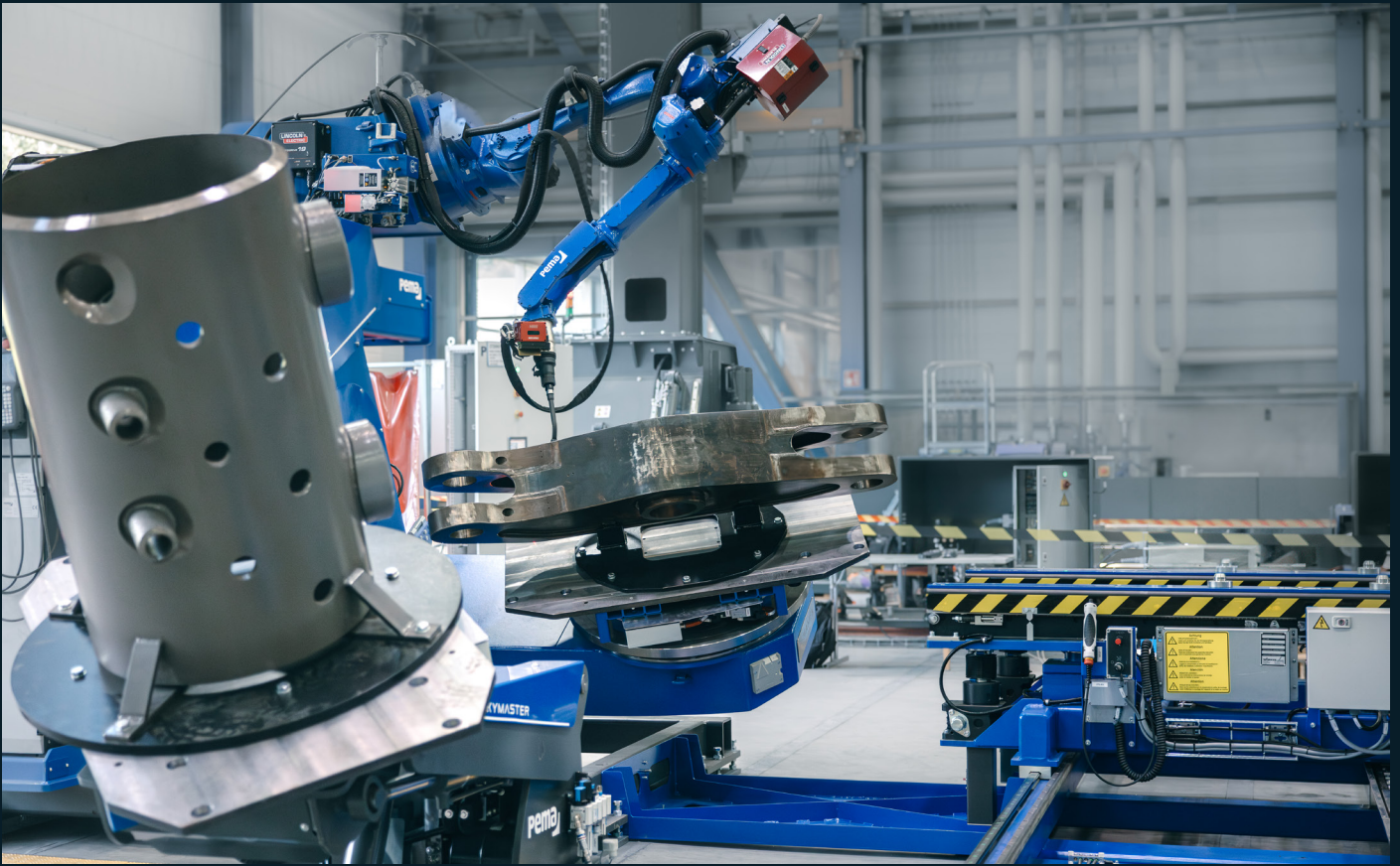
- Automate production – even 24/7
- Increase throughput
- Shorten lead times
- Solve labor shortage challenges

#### Flexibility

- Run hundreds of product variants without reprogramming
- Order-based workflows
- Rapid changeovers
- OPC-UA data integration

#### Cost efficiency & quality

- Consistent, high-quality output
- Fewer errors
- Less rework
- Leaner, more sustainable manufacturing



## Stay ahead with PEMA Skyline welding FMS

PEMA Skyline is built for growth-driven manufacturers. It maximizes production performance, flexibility and positions your company at the forefront of welding automation.

- Unique end-to-end welding automation system
- Modular layout, tailored to your production space
- Handles hundreds of product variants
- Reduces labor dependency and manual errors
- Ensures consistent quality
- Real-time production monitoring via PEMA LineControl™ software
- OPC-UA data integration
- Delivered turnkey by Pemamek

**PEMAMEK**  
THE WELDING AUTOMATION COMPANY

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