

Automated plugging optimizes vehicle production

HOW ICARUS INCREASED PRECISION AND EFFICIENCY IN THE PLUG-SETTING PROCESS THROUGH ROBOT INTEGRATION

The automotive industry faced the challenge of automating the previously manual and labor-intensive plug-inserting process. The goal was to reduce costs, increase precision, and eliminate the need for continuous readjustment. With high labor costs, quality was inconsistent, making optimization urgently necessary.

Objective

- Reduction in the number of employees
- Ensuring pad application with high accuracy
- Leveling of quality
- Reduction of costs

Proceed

- Detailed studies and offline programming
- Zero measurement and commissioning with MB Standard
- Teach test runs
- Programming for all vehicle types
- Training of local employees

Result

- 100% automation of the plug setting process
- Reduction of staff
- Cost reduction and increased efficiency

"The automation of this previously manual step was long overdue. Now the process runs stably, precisely, and, above all, without constant readjustment. A real step forward."

SHIFT MANAGER

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