

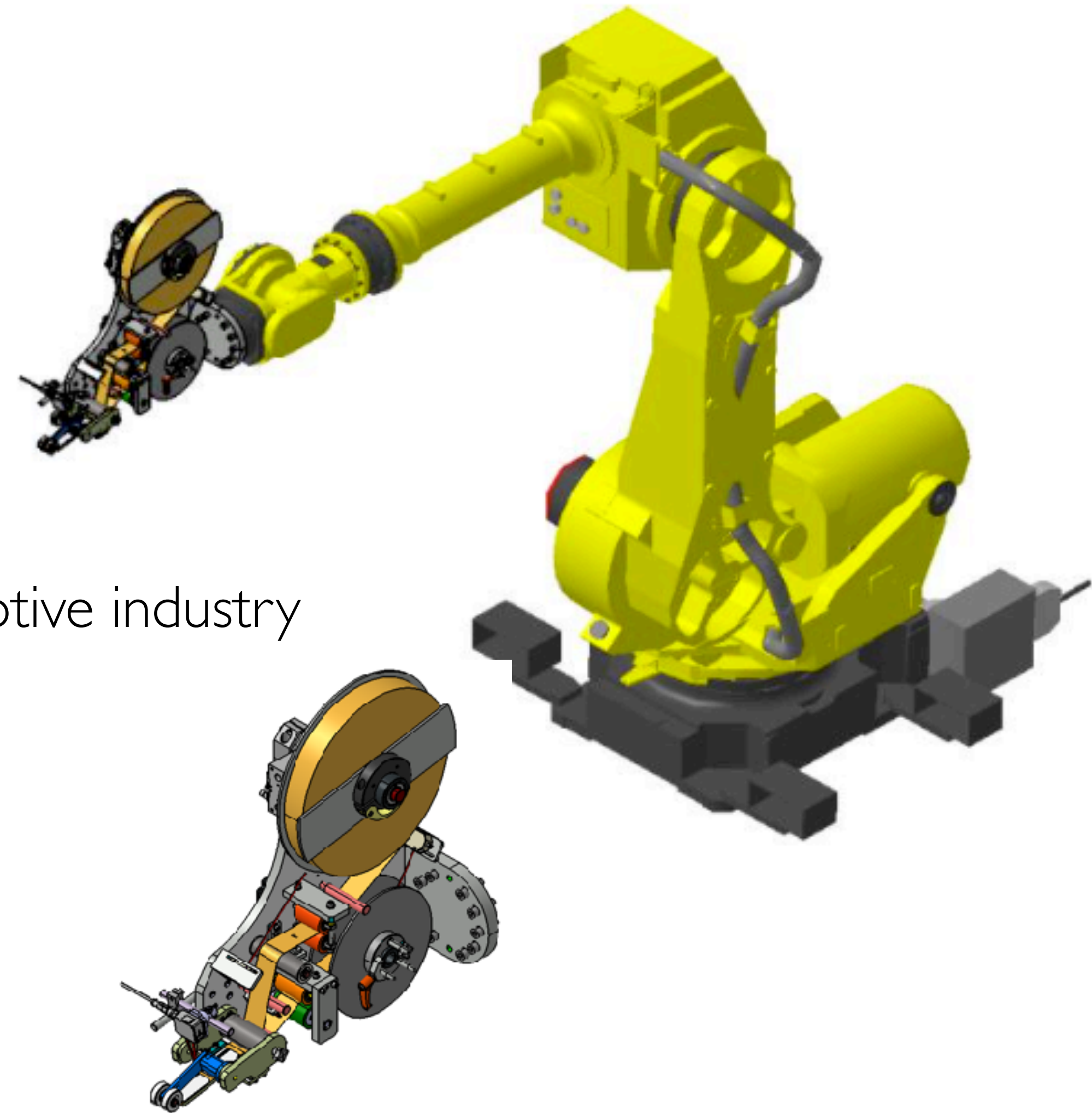
EVOCON Solutions

Automatic sealing

Automated sealing of Pick-up points in car bodies for the automotive industry

Reduced costs and improved quality automated sealing solution.

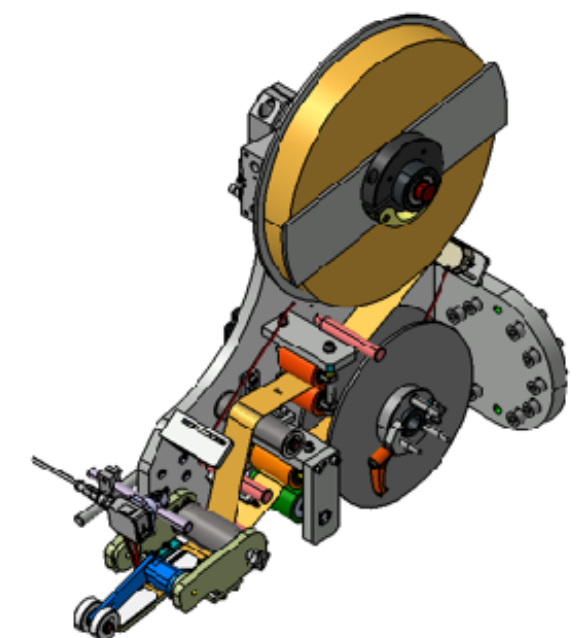
Automated by Cobot robot solution.



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Automated sealing of holes in car bodies Full Service

- **Improve** Process reliability, less errors.
- **Reduction** of process time as manual process
- **High** quality and high precision
- **Logistics** advantages, decrease cost and reduction in inventory
- **Reduction** of the variance of plugs, instead of 5 different plugs only 2 different adhesive pads (Tesa)
- **Process** data collection during the work process
- **Ergonomic** improved for employees, avoid difficult and repeated tasks
- **Replaces** manual sealing by rubber or plastic by adhesives sealing
- **Gripper** solutions less than 20kg
- **Cost** effective solution



By using a **Cobot Robot** solution, adhesive pads are positioned and pressed exactly over the holes with high speed and with high repeat accuracy quality. The robot can place more than 100 sealing patches automatically, quickly and reliably, resulting in a stable and permanent, tight adhesive bond. Integration at the paint and waxing process step.

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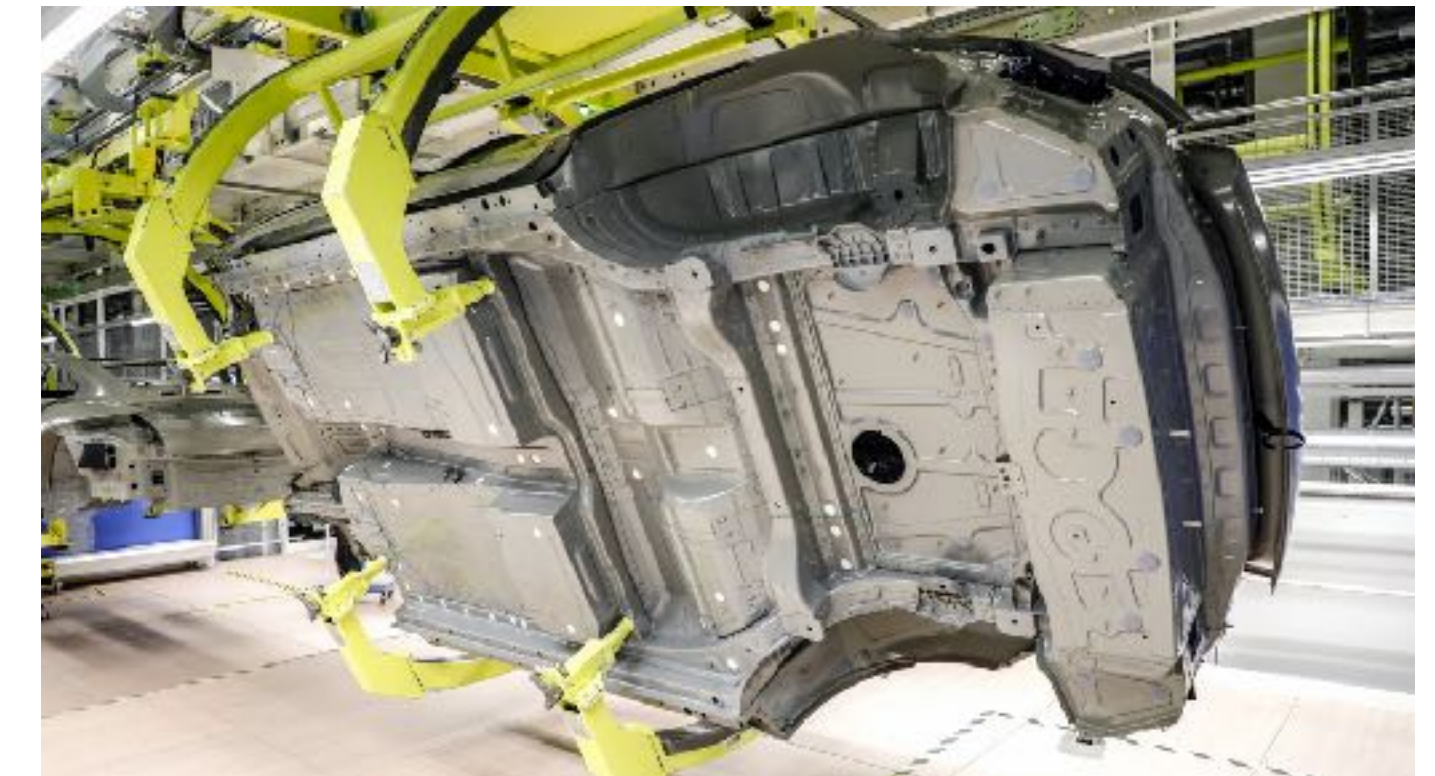
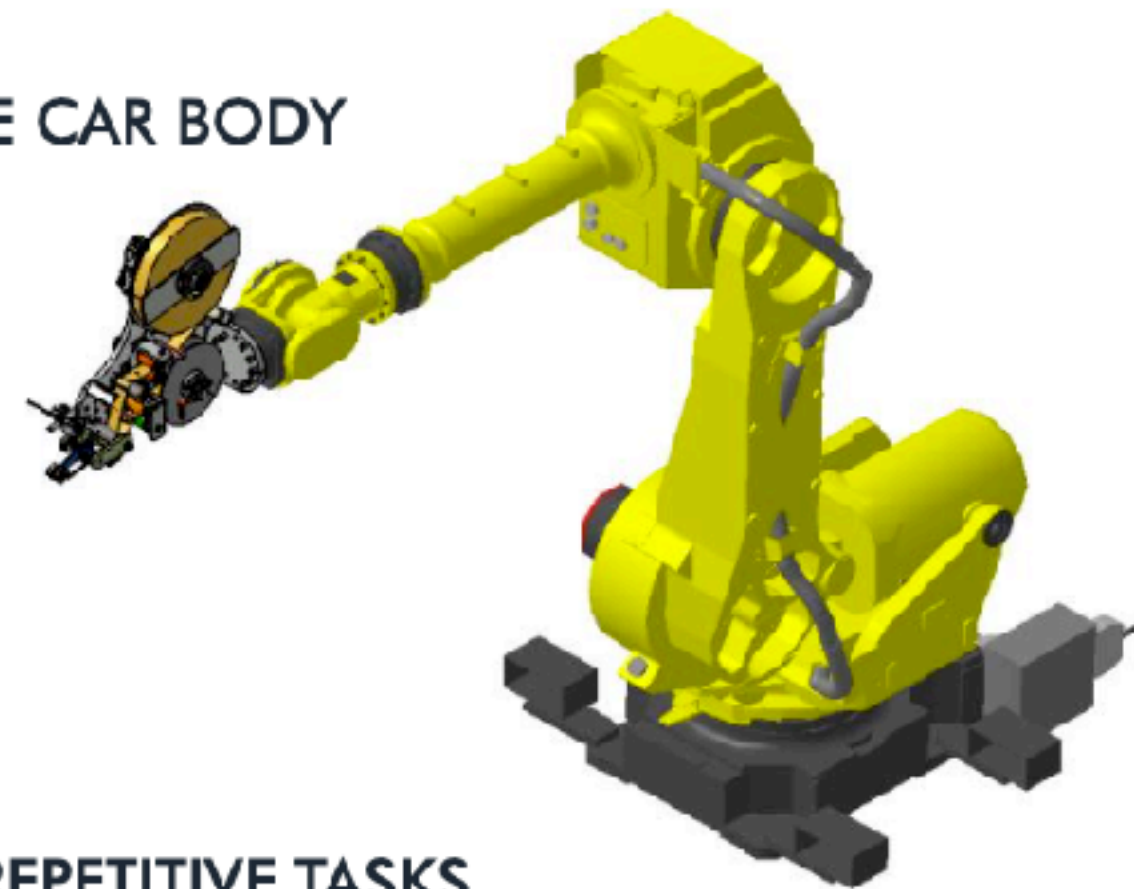
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➤ MAIN FEATURES OF ROBOTIZED AUTOMATIC LABELING MACHINE:

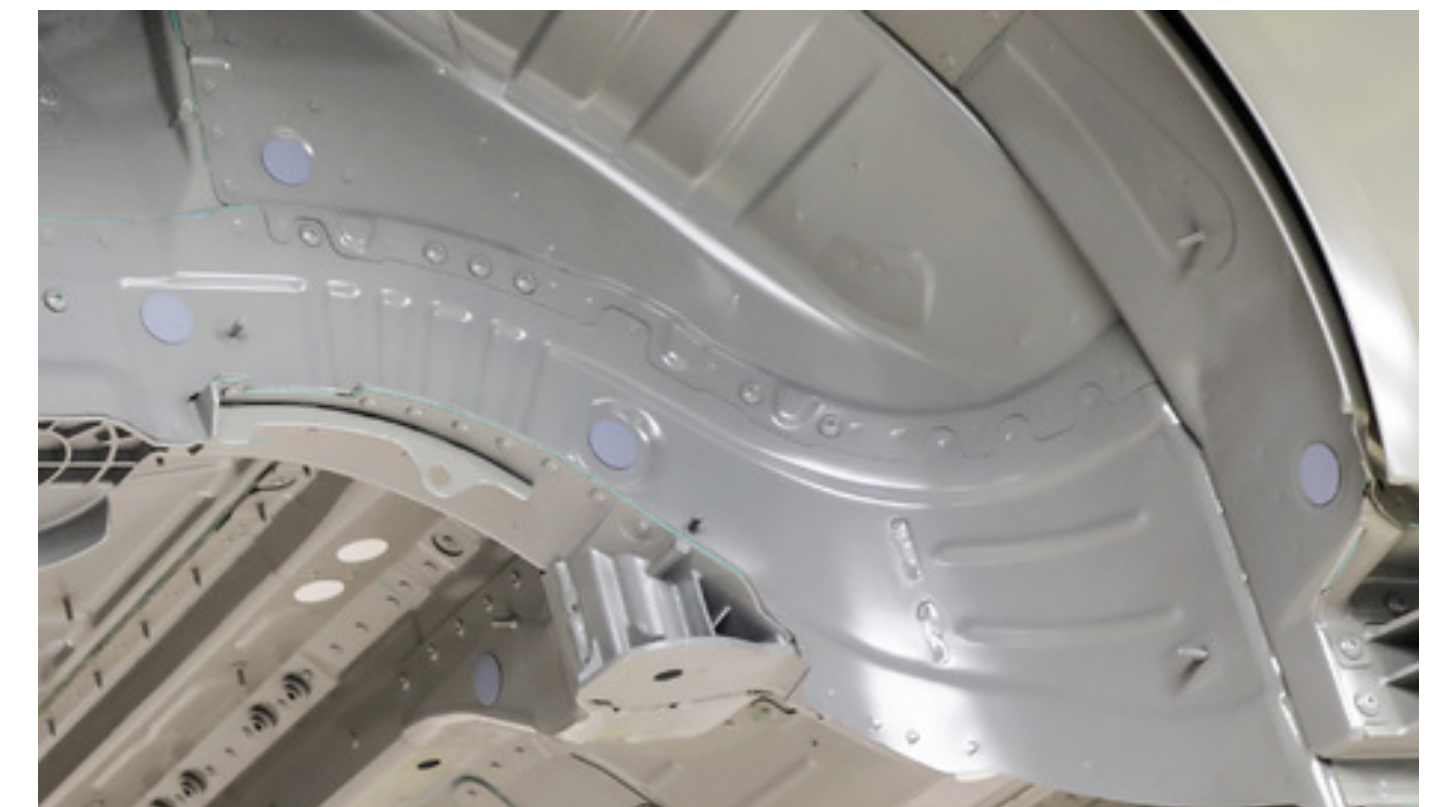
- NEW SEALING SOLUTION FOR HOLE COVERING AUTOMATION IN THE PAINT SHOP
- HIGHLY EFFICIENT AND AUTONOMOUS SYSTEM
- DIFFERENT FORMATS AND TYPES OF ADHESIVES BY ONE APPLICATION GRIPPER
- OPTIONAL TOOLS FOR CONTINUOUS PRODUCTION
- RELIABLE SEALING PERFORMANCE FOR THE CAVITIES OF THE CAR BODY
- COMPATIBLE WITH COMMON ROBOTIC SYSTEMS
- FAST REEL CHANGEOVER

➤ BENEFITS:

- SHORTER PROCESS TIME THAN MANUAL APPLICATION
- HIGH APPLICATION SPEED CONTROL AND PRECISION
- PROCESS DATA ACQUISITION DURING IMPLEMENTATION
- ERGONOMIC RELIEVE FOR EMPLOYEES OF ARDUOUS AND REPETITIVE TASKS
- REPLACES MANUAL SEALING WITH RUBBER OR PLASTIC PLUGS WITH THE USE OF ADHESIVES



Example using tesa pads at Porsche

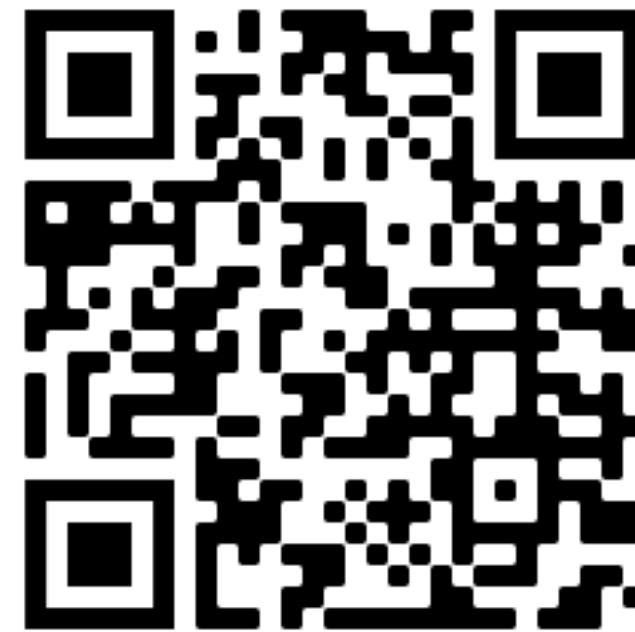


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