Do you already know your product of tomorrow?

With automation solutions from fpt robotics, you don't have to. Using standard components, we develop bespoke solutions that you can further develop at any time. With an intuitive user interface, you can programme and control the system yourself – giving you flexible control over your production automation.

Turnkey total solutions: the highlights

- Flexibility in the face of short product life cycles and product variants
- Real-time product changes
- Consistent quality, even with complex assemblies
- Lower production costs
- Maximum plant availability

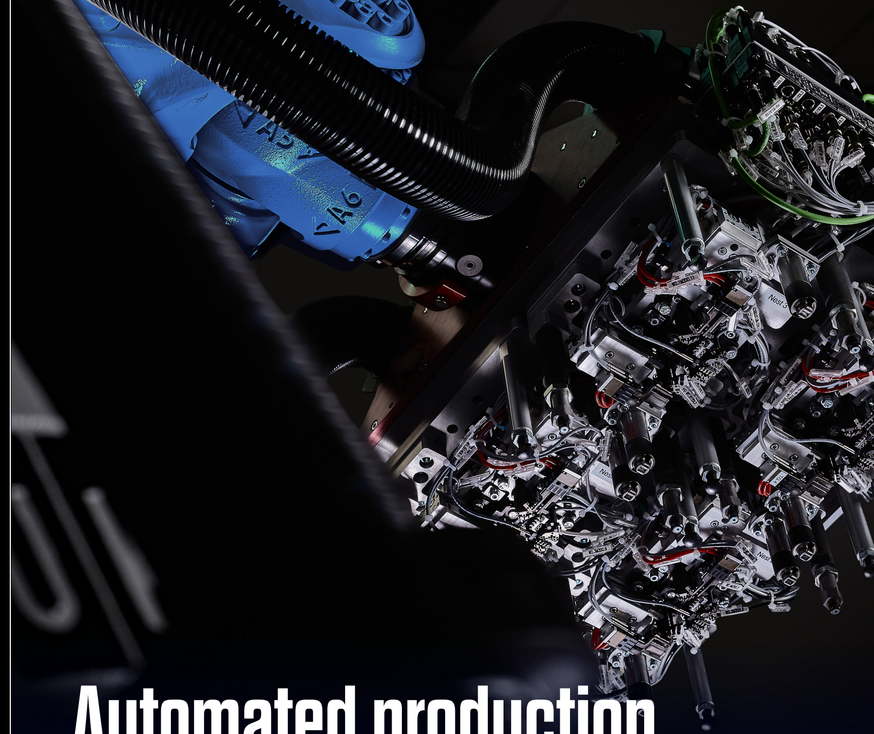


Industral automation is the future.

fpt robotics makes it accessible.

As automation experts and a robotics manufacturer, we create solutions that enable you to achieve your goals in a future-proof way. Drawing on 45 years of experience, we cover the entire spectrum of process automation: from production, through intralogistics, to product finishing using digital printing.

fpt robotics is a brand of the FPT Robotik GmbH & Co. KG, FPT Project GmbH and the FPT Systems GmbH | Schattbucher Straße 10, 88279 Amtzell | ***www.fpt-robotics.de***



Automated production

future-proofed technology

fptrobotics

Your automation with fpt robotics

To remain successful, you need predictability – with production automation that can adapt quickly. Our automation systems provide this flexibility. Using graphical user and programming interfaces, your team can adapt programmes themselves, optimise processes and implement product changes in real time. This maximises not only your process expertise, but also your value creation.

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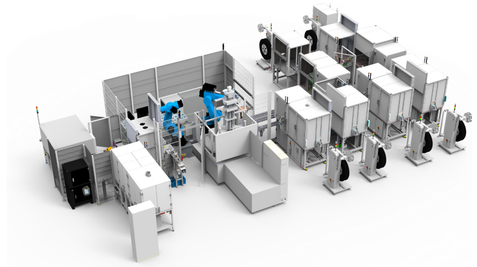


Automotive, consumer goods, connection technology: the requirements for automation are as varied as the products themselves. With our modular automation system and intuitive programming, you can automate faster than ever before.

That is future-proofed technology.

Modules become solutions: our robotics platform

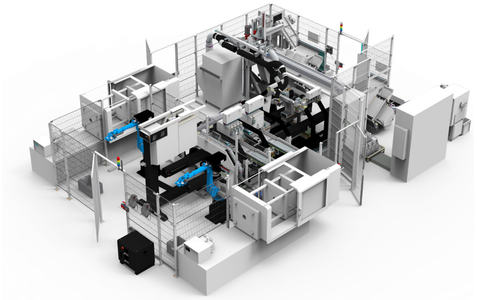




Production of housing frames

- Processing of various contacts from the bending and cutting process for overmoulding
- Loading and unloading at an injection moulding machine using articulated-arm robots
- End-of-Line: electrical and optical testing of the contacts and coating of the cut-to-fit connectors

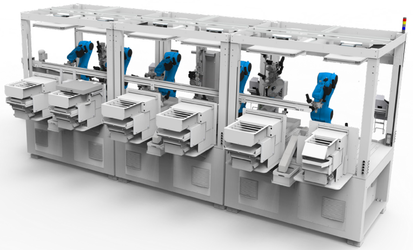




Production of 3D plastic jigsaws

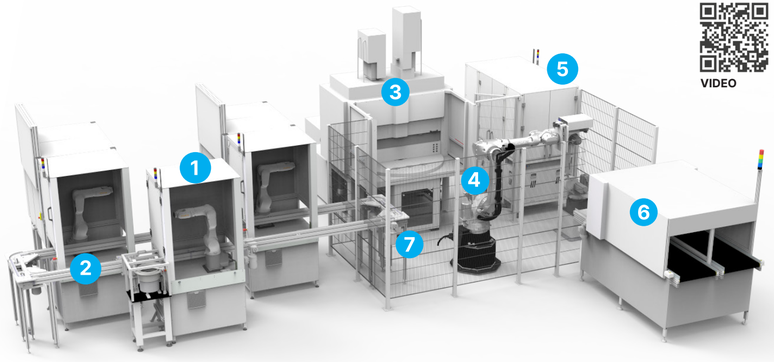
- 54-piece removal from injection moulding machine
- 2,5D digital printing with UV ink and varnish
- 54-piece laser marking
- Packaging in bags and picking into cartons
- Integrated quality and start-up management





Production of fasteners

- Standardised, modular concept for small batch sizes
- Fully monitored core processes: pressing, screwing and bonding
- Flexible part separation system for various part variants



VIDEO

1. **Parts preparation**
   Preparation of insert parts from, for example, stamping or bending lines
2. **Parts transfer**
   Integration of the process chain
3. **Injection moulding machine**
   Implementation of various machine designs
4. **Loading and unloading**
   Standardized gripping and kinematics concepts
5. **Modular test cell**
   Visual and electrical testing, marking, cleaning, and other quality control processes
6. **Packaging**
   Handling of blister packs and trays
7. **Safety technology**
   CE-compliant system concepts

Setting new standards with standards

Build your own customized and flexible automation solution. Based on your product and the required processes, you can use our standardized automation modules – comprising hardware and software – to configure your system step by step yourself. All components from our robotics modular system integrate seamlessly into the overall system and can be flexibly adapted to your needs.

