



## Company Profile

drag and bot GmbH is a spin-off of the Fraunhofer Institute for Manufacturing Engineering and Automation (IPA) in Stuttgart. The company currently has 15 employees, including its 4 founders. drag and bot develops brand-independent software for the simple and intuitive programming of industrial robots. The focus is on the graphical user interface, which allows a fast and flexible creation of programs by drag and drop from pre-defined function blocks.

## Product Overview

### drag&bot Core

Graphical interface for building, execution and monitoring of robot programs

### Additional Modules

- 2D-VISION: Image processing with OpenCV and HALCON
- 3D-VISION: Bin picking, palletizing, assembly, etc.
- PLC: Communication with PLC systems

### USPs

- **Plug&Play**: Many interfaces to robots, grippers, cameras, force-torque sensors and PLCs allow you to freely select the appropriate components for your application.
- **No code**: The intuitive user interface enables all employees to quickly and independently implement robot applications without extensive training
- **Hardware agnostic**: The layout of the user interface is independent of robot manufacturers and models. Your employees only have to master one robot software

# Product Description

## Product

- drag&bot is the easiest way to program robot systems flexibly. Thanks to the intuitive graphical user interface of the software, even employees without experience in working with robots can solve complex tasks. Instead of programming the robot, the user can create a program sequence from various ready-made function blocks using drag and drop.
- Various parameters can be set quickly and easily using wizards (auxiliary applications).
- With minimal effort, your hardware is connected to drag&bot and you can get started right away. Traditionally difficult integrations like vision and force sensing are made quick and easy.
- drag&bot offers manufacturing companies a very flexible and cost-efficient way to use robots in production. The setup time, the configuration effort and the required robotics know-how are significantly reduced. Thus, dynamic production processes with small quantities can also be automated.

## Target market

- Manufacturing companies from all industries with "Do-It-Yourself" mindset, i.e. there is the will to achieve a higher flexibility and profitability as well as a long-term increase in competitiveness through independent automation.
- Vocational schools and universities that strive for a practical teaching of robot technology

## Contact

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