

EasyRobotics[®]
- we move your parts

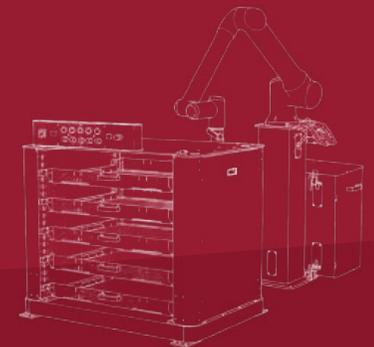
Design with us

EASY-OEM

Your Design Partner in Technical Solutions



www.easyrobotics.dk



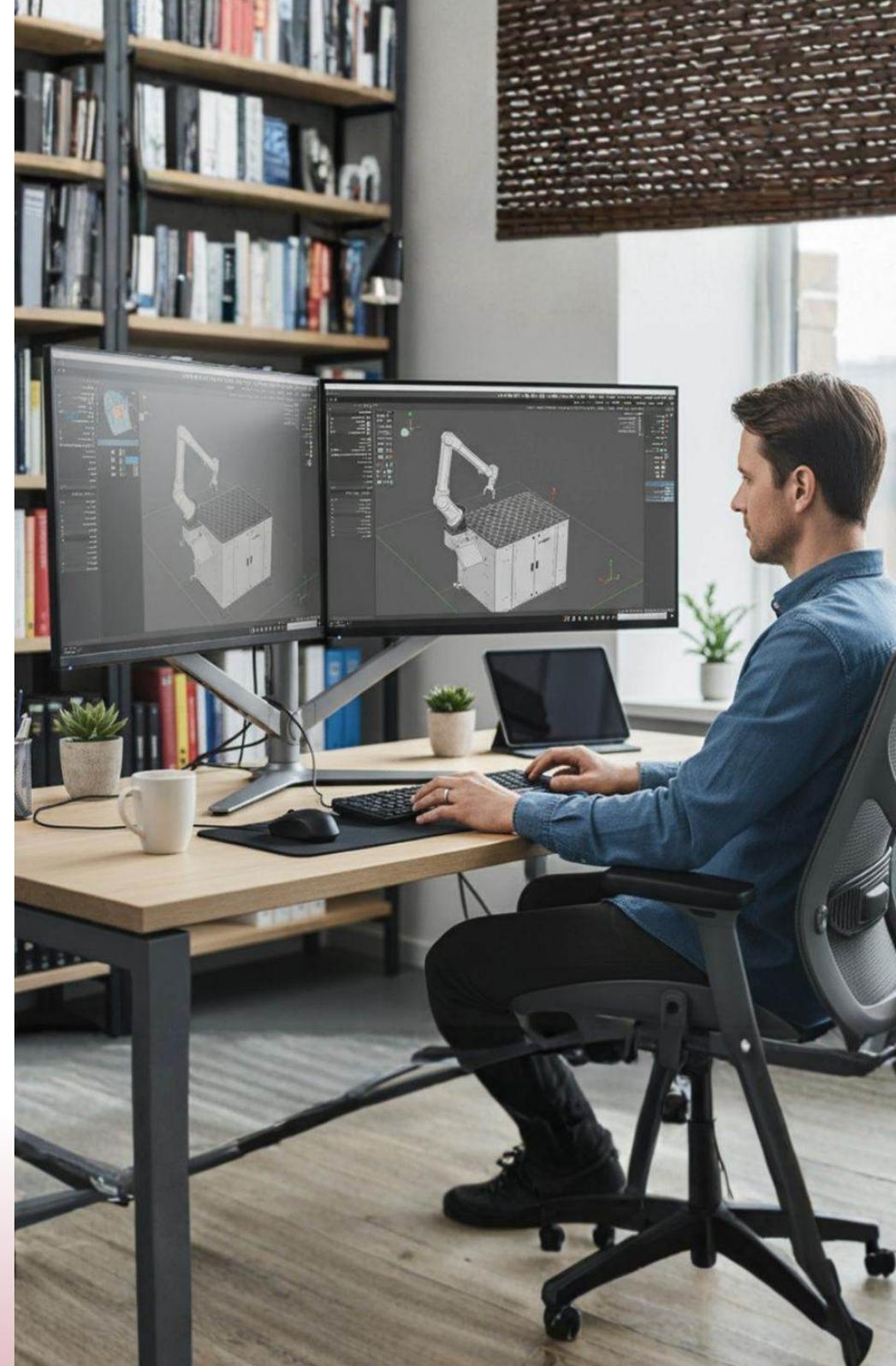
We transform your ideas into engineered reality.

Our development team has over **15 years of experience** in creating precise **technical designs and engineering drawings**. They combine creativity with a strong technical foundation, mastering the tools and processes needed to turn complex ideas into manufacturable products. Their work requires **advanced 3D modeling skills**, an eye for detail, and a deep understanding of materials, mechanics, and visualization techniques. This expertise ensures accuracy, efficiency, and **high-quality results in every project**.

At Easy-OEM department, we specialize in **mechanical design, CAD modeling, and customized automation solutions** that demand high technical accuracy and industrial know-how.

With more than a decade of experience in the **robotics and automation industry**, our team of senior mechanical engineers provides **fast, reliable, and cost-efficient design services** to customers across Europe.

Whether you need **adaptations of EasyRobotics products, tailor-made machine designs, or complete 3D models and renderings**, Easy-OEM delivers solutions that combine precision, functionality, and visual excellence.



When Standard Doesn't Fit — We Engineer the Perfect Match

If your automation cell or product setup requires something beyond our **standard EasyRobotics portfolio**, Easy-OEM provides the **mechanical design expertise** to create custom solutions.

We can modify, extend, or redesign systems to fit your **robot, workspace, safety requirements, or production flow**, ensuring seamless mechanical and functional integration.

Our engineers are trained to design with manufacturability in mind — ensuring that all custom parts are robust, **easy to assemble, and optimized for production.**



How the Process Works

01

Customer Contact & Scope Definition

You contact Easy-OEM with your project or customization request.

We review your technical needs, such as load capacity, robot type, working envelope, component interface, and environmental requirements.

04

Visualization & Communication

During the process, we use KeyShot Studio to generate high-quality renderings and animations.

This allows you to see the product before manufacturing — evaluating proportions, materials, and finishes.

These visuals are ideal for

- Sales and marketing materials
- Internal decision-making
- Customer presentations and manuals

02

Project Evaluation & Quotation

Based on your requirements, we estimate the engineering hours needed and provide a transparent quotation

- Initial Evaluation Fee: 300 EUR
- Hourly Rate: To be defined.

Once approved, we prepare a detailed project timeline.

05

Manufacturing Support & Delivery

Depending on project scale, Easy-OEM can deliver:

- Design packages (3D models, 2D drawings, BOMs)
- Prototype or pre-assembly support
- Complete turnkey mechanical systems

03

Design & Engineering Phase

Our engineers create 3D models and mechanical assemblies in SolidWorks, using precise parametric modeling to ensure every component fits your specifications.

We Perform

- Structural verification and motion simulations
- Interface and collision checks
- Design for manufacturability reviews

Smaller projects are typically delivered within 1–2 weeks, while complex developments can extend up to 2 months. Throughout the project, you'll receive regular progress updates and revision reviews.

Our Expertise



Mechanical Design & CAD Engineering

SolidWorks-based modeling for robotics, fixtures, and automation equipment



Machine Design & Prototyping

From concept sketches to assembly-ready documentation



Product Customization

Modify or redesign EasyRobotics systems for your application



Simulation & Validation

Mechanical analysis and collision studies



Rendering & Visualization

Realistic KeyShot images for design approval and marketing



Fast Turnaround

Agile team capable of completing short-term engineering projects

Why Work with Easy-OEM

- Over 10 years of experience in industrial automation and robotics
- Senior engineers specialized in SolidWorks and advanced CAD workflows
- Seamless integration with EasyRobotics standard products
- Rapid response time and short delivery cycles
- Focus on transparency, documentation, and communication

