

Smart Solutions for Unique Requirements



Specialized Solutions Development Process

Every project begins with understanding your process and ends with a concrete, functional solution tailored to your needs.

- **Initial Request and Problem Analysis**

The client provides basic information about the production challenge, the need for a new solution, or optimization of an existing system.

- **Meeting and Information Exchange**

We organize an in-person or online discussion to gain a deeper understanding of the process, spatial constraints, operational requirements, and expected outcomes.

- **Defining Technical Parameters**

Together with the client, we specify: The function of the solution (tool, accessory, part, or machine), Dimensions, loads, and working conditions, Compatibility with existing equipment, Applicable standards and safety requirements.

- **Conceptual Design**

We prepare one or more initial sketches/solutions that form the basis for further development. The client provides feedback and chooses the direction for development.

- **Detailed Design and 3D Modeling**

Based on the selected concept, we create a detailed 3D model, perform calculations, mechanical analyses, and select components.

- **Design Review and Alignment**

The client reviews the design – a joint revision is organized during which necessary modifications and final adjustments are noted.

- **Finalization and Documentation**

Upon design approval, we prepare the technical documentation including: 3D models and drawings and technical sketches, bill of materials, assembly and usage instructions.

- **Optional Phase: Manufacturing and Assembly**

At the client's request, we can also organize manufacturing, assembly, and commissioning – in cooperation with trusted production partners.

- **Testing and Commissioning**

If manufacturing is performed by us, we conduct final functionality checks, component measurements (optionally using ATOS 3D scanning), and deliver a ready-to-use solution.







