



INTEGRATION, AUTOMATION & ROBOTIZATION OF YOUR INDUSTRIAL PROCESSES



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OUR PROVEN APPROACH

PRE PROJECT



It is essential to thoroughly prepare your project to ensure smooth execution. We must fully understand your business constraints and objectives in order to offer you the most compatible solution and anticipate all technical scenarios.

- ✓ Needs and constraints analysis
- ✓ Profitability study
- ✓ Drafting of complete specification documents
- ✓ Preliminary study
- ✓ 3D simulation

PROJECT



The creation of a multidisciplinary team, a reinforced field presence and the expertise acquired on numerous use cases, allows us to control the entire project process and thus put you in a situation of serenity.

- ✓ Machine design
- ✓ Production
- ✓ Machine integration
- ✓ Operation tests
- ✓ Commissioning

AFTER PROJECT



Once the integration is successful, there's no question of abandoning you. We'll support you so that your work tool is operational and completely reliable on a daily basis, ensuring seamless operations.

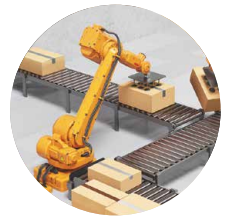
- ✓ Training your teams for maximum autonomy
- ✓ Predictive maintenance to avoid breakdowns and malfunctions



OUR EXPERTISE AND SOLUTIONS

ROBOTIC PALLETISATION

We adapt our robotic solutions to your specific business requirements, your technical constraints, as well as the shapes and weights of your containers. In 2D or 3D, Robsim is able to determine the algorithm capable of palletizing in the most optimal way and without risk of falling for the elements to be moved.



MOBILE ROBOTS CUSTOMIZATION

Our robotics teams are able to adapt and customize the upper platform of a multitude of standard mobile robots on the market. Our specialty is integrating robotic arms

VISION TECHNOLOGIES

Robsim is capable of integrating a multitude of vision systems. We particularly work on the identification of compliant and defective elements, barcode recognition and recognition of the positioning of parts to be picked.



ROBOTIC CONVEYOR LINES

We synchronize the robot with the conveyor's speed to avoid any line stoppages and thus ensure continuous production. Assembly, fitting, and packaging operations are thus optimized to the maximum.

ROBOTIC WELDING

A process requiring high precision to produce a finished component that is well made and durable over time. The integration and programming of robots allowing precise and complex welding operations is one of Robsim's business specialties.



E-MOBILITY

Our extensive knowledge of the automotive sector allows us to intervene in high value-added processes in the electric vehicle industry : engine assembly, battery rack assembly, etc.

THEY TRUST US

AUTOMOTIVE

Mounting, dismounting, assembly, welding, engine and battery manufacturing, ...



MAHLE



ASSEMBLER-INTEGRATOR / MACHINE TOOL

Assembly, palletizing, depalletizing, ...



DMG MORI



GÜDEL



AKKODIS

KUKA

FOOD PROCESSING

Packaging, line monitoring, production flow, ...



OTHER INDUSTRIES

OEMs, HVAC, Aerospace, Pharmaceuticals, Cosmetics, ...

AIRBUS



VIESSMANN

Röchling



BOSCH

Other automation and robotization projects ?
We'll meet your challenges with enthusiasm and determination !