



## MOTORS AND GEARMOTORS ASSEMBLY AND TESTING LINE

Integrated line for assembly and testing of DC or brushless motors and gearmotors. Integration of different workplaces with free pallet conveyor for the production of various models and versions. Automatic feeding of all components by robotic palletizing systems. Component recognition guaranteed by machine vision systems. Automatic lubricant dosing, contact welding, torque/angle-controlled tightening, etc. Final no-load or load testing, and noise detection through vibrations using accelerometers. Process traceability by proprietary software Aumatech SCAN.



### QUALITY ABOVE ALL

Our machine quality is based on two pillars: lean designing (no unuseful sophistication) and workability oversizing (to ensure sturdiness and durability over time).



### ENERGY EFFICIENCY

Machine designing complies with ISO50001 thus enabling energy consumption reduction and exhaust materials disposal.



### I 4.0 READY

Machine designing complies with I 4.0 standards, therefore it is certifiable. All main diagnostic and production parameters can be monitored remotely through client's IOT platform.



### MODULARITY

Designed for pallet-handling conveyor and easily reconfigurable, our modular and scalable lines allow limiting the investment value and maximizing its service life.



### WORLD CLASS COMPONENTS

Our machines carry only high-quality components from renowned brands, easily available internationally, to ensure safety and reliability.



### COST EFFECTIVENESS

Aumatech's vertical integration, commercial approach, machine's energy saving, and life span extension, they all contribute to the attainment of a superior quality/price ratio.



### SAFETY

User's safety is ensured by the compliance with EU standards 2006/42, both in designing and manufacturing phases.

## Main features of our assembly solutions:

- mid-size, highly customizable pilot line;
- modular and scalable systems;
- cycle time tailored to customer needs&budgeting;
- multiple testing stations;
- visual inspection stations;
- thermographic inspection functionality;
- complete process traceability;
- compliance with EC 2006/42 safety standards and the following ones;

DO YOU NEED MORE INFORMATION?



## Why choose AUMATECH for your automatic assembly project?

- over 10 years' experience, over 50 projects delivered;
- passionate team of technicians, a blend of new technologies and expertise;
- OEM-level diligence;
- high grade of customization, tailor-made solutions;
- workability oversizing policy, to ensure sturdiness and durability;
- a fair balance between price, quality and performance;
- proprietary solutions for process inspection and traceability;
- our corporate philosophy: We Raise Your Business!

