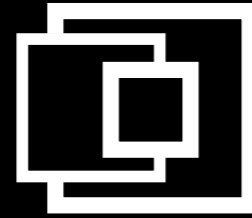


# Osai Automation Systems



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**SMART SOLUTIONS FOR LEAN MANUFACTURING**



- **Modular**
- **Configurable**
- **Scalable**
- **Flexible**

LINES



OSAI manufactures full and semi automated lines dedicated to the specific needs of each customer, by developing ad-hoc solutions. These lines can be based on the concept of modularity with stations dedicated to each step of the production process.

MODULAR LINES



Modular assembly line with **linkable modules, master line controller** and **closed MagneMotion conveyor loop**. Each module can be equipped with **up to 12 stations** or multiple of it. The module can be adapted according to the product. **Quick changeover** between different production components is possible. Clear advantages to the concept of **independent modules** are the possibility to follow the technical evolution of the product and flexible re-tooling.

ROTARY TABLES



Single block basement with welded steel frame and integrated electrical panel. Operators can **easily** access the stations for maintenance purposes. Based on a **standard concept**, they can be **customized** according to the specific needs of our Customers and their products.

BENCHES



The ever growing need for **flexibility** in the production processes requires **semi-automatic work benches** to assemble and test products. **OSAI** offers **customized solutions** with a limited investment to automate manual operations.

BATTERY MODULE PRODUCTION

- Cells Sorting & Stacking
- Modules Assembling
- Bus-Bar Laser Welding



**Assembly:** Screwing, Glueing, Press-fit, Riveting, Crimping - **Welding:** Laser, Hot punch, Induction, Ultrasonic - **Testing:** Electrical, Dimensional, Optical, Air gauge measurement, Leak, Functional - **Marking:** Laser, Ink jet, Label, Microdots - **Calibration** - **Packaging**

