

ASSEMBLY LINE

Application

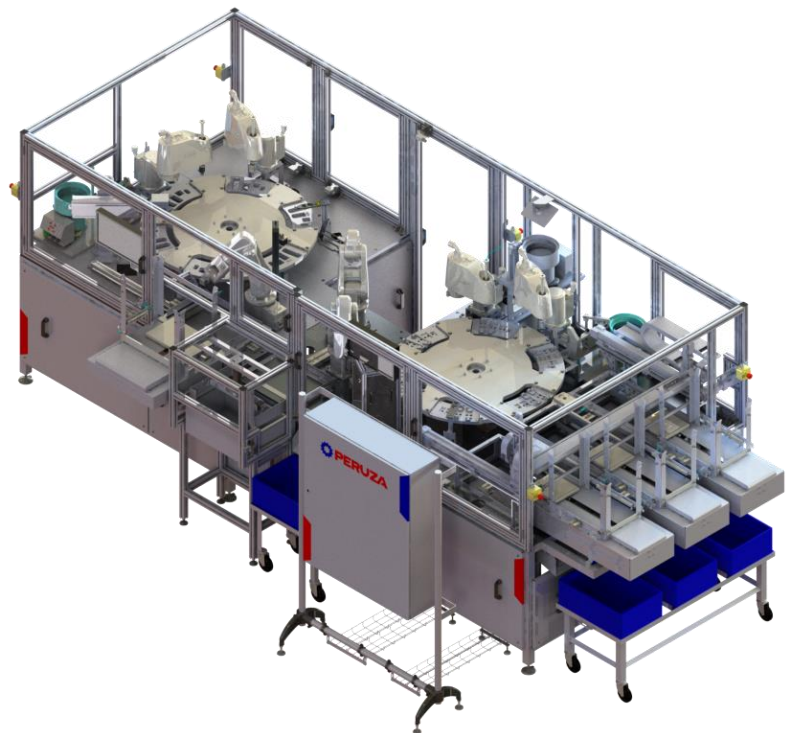
Assembly line is designed for small part pick and place work automation. This solution is suitable for automotive, electronics, food and other industries.

Assembly line can be equipped with countless robotic stations depending on degree of process complexity. All activities can be secured with quality inspection.

As additional option every part can have a unique number printed on with laser and saved in data base.

Main benefits

- Fully automated assembly process
- Line is pre-programmed with necessary product types and variations
- Easy adjustable to new product types and variations
- Continuous workflow with reduced cycle time

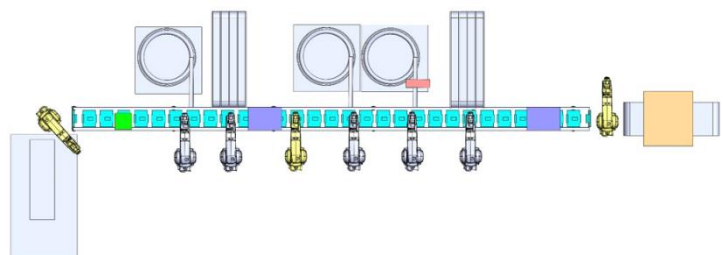


Operating principle

All infeed conveyors must be filled with necessary components. The process starts with manipulator that picks up the product and places it into designated place. For small parts it is moved to next manipulator by rotary table, for larger parts it is done by conveyor belt.

If the line is equipped with quality inspection, it checks the product conformity between process stages. Last manipulator takes already assembled product and places it to next desired process.

Assembly line layout variation example



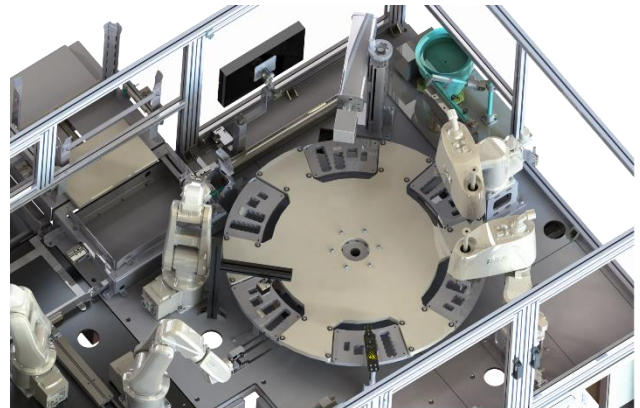
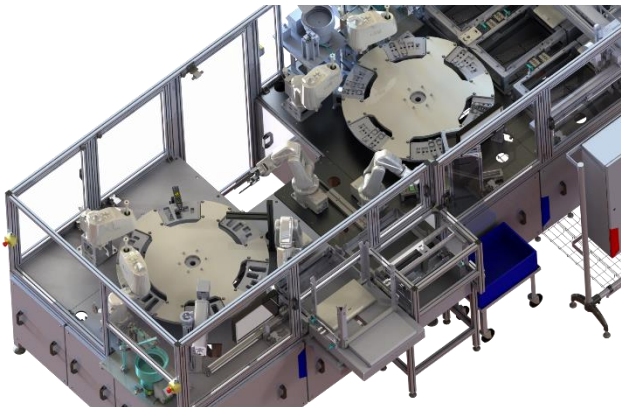
*Equipment is adaptable to various size and weight dimensions

See equipment in action



Technical characteristics

Product	Electronics, plastics, food and others
Processing capacity	Depending on product type
Size of processed product	Depends on client needs
Equipment dimension (LxWxH)	Adjustable by needs and available workspace
Number of operators on the machine	0-1
Key features	Fully automatic, new product types are easy addable, flexible design

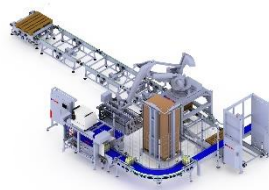


For more processing solutions



Pocket type nobbing machine

Reduce your cost of nobbing!



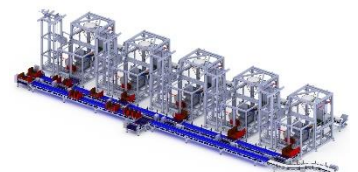
Full layer palletizer line

Prepare palette within just 3 minutes!



Water defrosting line

Use efficient defrosting for your products!



Robot packer line

Save your workforce and space expenses!