PRODUCT CATALOGUE

Robot systems for palletizing, depalletizing & packing

We offer advanced robot systems and solutions. Standardised or customised, and with a high degree of system reliability (OEE).
Standard robot system
Configuration for your industry and products

Robot grippers
In-house development and qualification

Available options

Standard gripper
Standard robot cell

Claw gripper
Fork gripper
Clamp gripper
Suction gripper
Magnet gripper
Vacuum gripper

Trays without foil
Trays with foil
Bags
Boxes
Buckets
Bottles
Jars
Aluminium cans
Steel cans
Palletizing
Standard robot cell

Input
- Trays without foil
- Trays with foil
- Bags
- Boxes
- Buckets

Performance
- Up to 25 trays per minute
- Up to 12 bags per minute
- Pallet sizes up to 1,000 x 1,200 mm
- Placement of interlayer cardboard
- Pallet magazine is optional
- Transportation to foil wrapping of pallets is optional
- Only takes up 3x5 metres

Deliverables
- Robot ABB IRB 460
- Standard gripper
- In-line
- Pallet fixing
- Control panel
- Controller
- Safety fence
- System development
- Project management
- FAT (Factory Acceptance Test)
- Documentation
- Ex works

Output

Our references
- System at Orkla Foods Danmark
- System at Tulip Food Company
- System at Danrice
- System at Teknos
Depalletizing
Standard robot cell

Input

- Bottles
- Jars
- Aluminium cans
- Steel cans

Deliverables

- Robot ABB IRB 660
- Standard gripper
- Separation table
- In-line
- Pallet fixing
- Control panel
- Controller
- Safety fence
- System development
- Project management
- FAT [Factory Acceptance Test]
- Documentation
- Ex works

Output

- Individual bottles
- Individual jars
- Individual steel cans
- Individual aluminium cans

Performance

- Separation table handles up to 18,000 bottles per hour
- 300 bottles per pick-up
- Pallet sizes up to 1,350 x 1,200 mm
- Removal of interlayer cardboard
- Sorting of pallets
- Monitoring of pallets and delivery table for overturned bottles
- Expanded buffer function both in-lane and out-lane

Our references

- System at Orkla Foods
- System at Orkla Foods
- System at CO-RO

Deliverables
Packing
Standard robot cell

Performance
- 50 bags per minute
- Up to 8 boxes per minute
- Bag sizes 100 g - 5,000 g
- Box sizes up to (208x325x290 mm) (WxHxL)
- Advanced vision system detects bag position
- Conveyor tracking of both pick-up and delivery conveyors

Deliverables
- Robot
- Standard gripper
- Case erector
- Case sealer
- Vision system
- Conveyor tracking
- Primary PLC
- User interface
- Labelling machine
- In-line
- Control panel
- Safety fence
- System development
- Project management
- FAT (Factory Acceptance Test)
- Documentation
- Ex works

Input
- Bags 100 g
- Bags 1,000 g
- Bags 5,000 g

Output
- Box with packaged products

Packing options
- 25 units of 100 g
- 4 units of 1,000 g
- 1 unit of 5,000 g
Available options
For standard robot system

Service & Support
24/7/365 focus on system run-time

Response readiness
- Hotline, telephone, VPN
- GSM monitoring
- Web-cam
- Support visit

Prevention
- Inspection
- Inspection based maintenance
- Systematic maintenance
- GSM monitoring

Optimizing
- New features
- Programme changes
- Technology improvement

We are always available
- Response time 4 hours
- Day shift 07:00 - 15:00
- Evening shift 15:00 - 23:00
- Night shift 23:00 - 07:00
- Holidays and weekends
- Response readiness in weeks 28, 29, 30, 51, and 52 by agreement.

We make sure that your system runs like a clock-work

Spell ROBOTOOL on your phone and call us! This connects you with our 24/7/365 number +45 7626 8665. Call ROBOTOOL!
Why choose a standardised robot system?

- Tried and tested concept
- High productivity and running time
- Can be configured for your product range
- Low price and short payback period (ROI)