

The shortest way from an idea to a

PRODUCT

MADE IN 



Conveying, Palletizing & Packing lines



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1. Robot packer YF003N

The products that have to be packed can be placed randomly on a conveyor. The color camera of the Vision system detects the products and transfers the positions and orientation to the robot controller. As the robot controller is equipped with conveyor tracking, the robot is able to pick the parts from the moving conveyor. The robot places the products in a tray, box or crate, which is transported via the second conveyor.

Robot packer YF003N:

- 1 Kawasaki YF003N robot, 3 kg., 4 axes
- 1 Kawasaki E40 controller, panel, touch screen, 2x conveyor-tracking
- 1 Interface cabinet with 32 inputs, 32 outputs
- 1 Vision system, color camera, lens, 5 m. harness, software
- 1 Frame in which the robot is mounted
- 1 Vacuum gripper attached to the robot wrist
- 1 Motorized conveyor L=2 m. for the products
- 1 Motorized conveyor L=2 m. for trays, boxes or crates
- 1 Set of guarding in accordance with CE
- 1 Robot program for 2 products

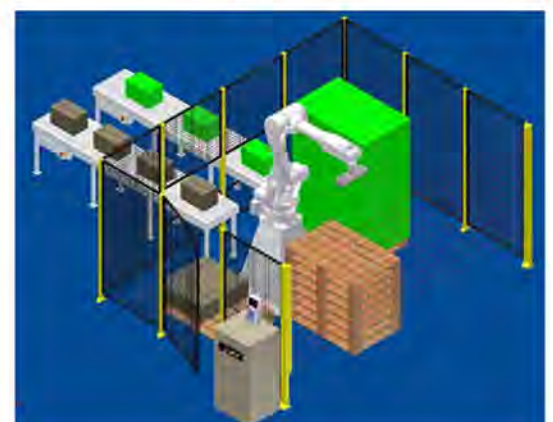
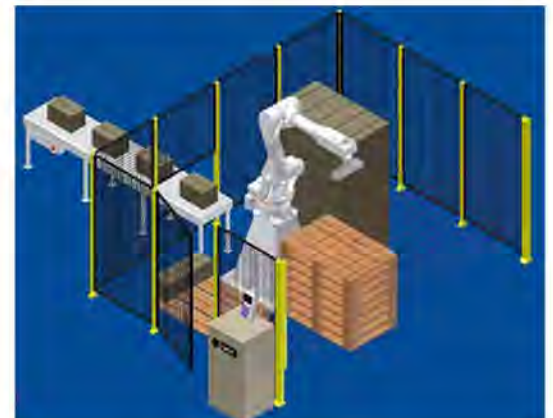


2. Robot palletizer RD080N for 1 or 2 lines

The boxes, trays or crates are transported to the robot by 1 or 2 accumulating chain conveyors. The robot takes the boxes from the conveyor/s and places them on the pallet. After the pallet has been loaded, it will be removed manually from the robot cell with a pallet truck or forklift. After the operator has reset the light barrier and has pressed the start button, the robot takes an empty pallet from the stack and places it on the palletizing position and the palletizing cycle resumes.

Robot palletizer RD080N for 1 or 2 lines:

- 1 Kawasaki RD080N robot, 80 kg., 5 axes
- 1 Kawasaki E42 controller, teach panel, 6.4" TFT color touch screen
- 1 Interface cabinet with 32 inputs, 32 outputs
- 1 Palletizing software with pattern generator
- 1 Base plate with stand for the robot
- 1 Vacuum gripper for boxes and empty pallets
- 1 or 2 Motorized accumulating chain conveyors for boxes L=2 m.
- 1 Set safety fences in accordance with CE, 1 service door
- 1 Set light barrier at the opening for pallet transport
- 1 Robot program for 2 products

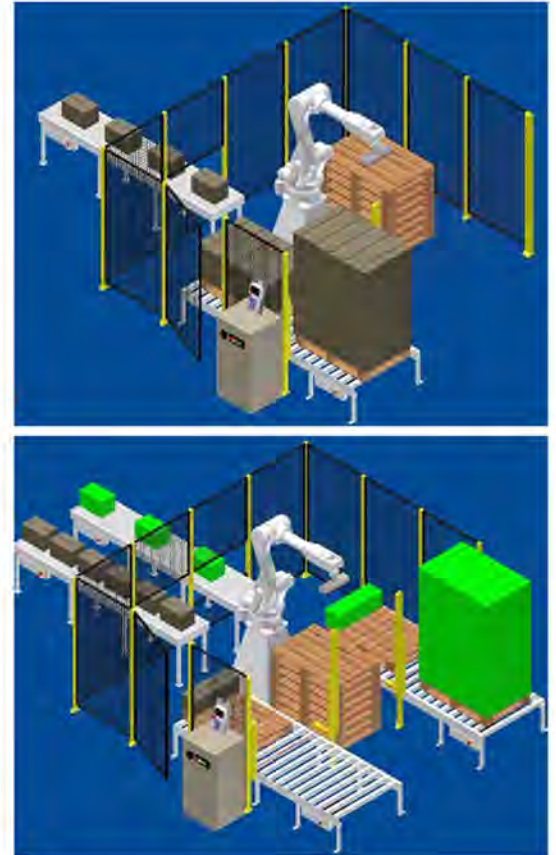


3. Robot palletizer RD080N for 1 or 2 lines with 1 or 2 pallet conveyors

The boxes, trays or crates are transported to the robot by 1 or 2 accumulating chain conveyor/s. The robot takes the boxes from the conveyor/s and places them on the pallets. After a pallet has been loaded, it will be removed automatically from the robot cell by a pallet conveyor. The robot takes an empty pallet from the stack and places it on the palletizing position and the palletizing cycle resumes.

Robot palletizer RD080N for 1 or 2 lines with 1 or 2 pallet conveyors:

- 1 Kawasaki RD080N robot, 80 kg., 5 axes
- 1 Kawasaki E42 controller, teach panel, 6.4" TFT color touch screen
- 1 Interface cabinet with 32 inputs, 32 outputs
- 1 Palletizing software with pattern generator
- 1 Base plate with stand for the robot
- 1 Vacuum gripper for boxes and empty pallets
- 1 or 2 Motorized accumulating chain conveyors for boxes L=2 m.
- 1 or 2 Motorized roller conveyors for pallets with 2 pallet positions
- 1 Set safety fences in accordance with CE, 1 service door
- 2 or 3 Sets light barriers at the opening for pallet transport
- 1 Robot program for 2 products



Robot palletizer ZD130S for 1 or 2 lines

The flattened sacks are transported to the robot by 1 or 2 accumulating chain conveyor/s. The robot takes the sacks from the conveyor and places them on the pallets in weight depending order variations. After a pallet has been loaded, it will be moved automatically from the robot by a pallet conveyor and an empty pallet will arrive. The loaded pallet will be moved for wrapping progress.

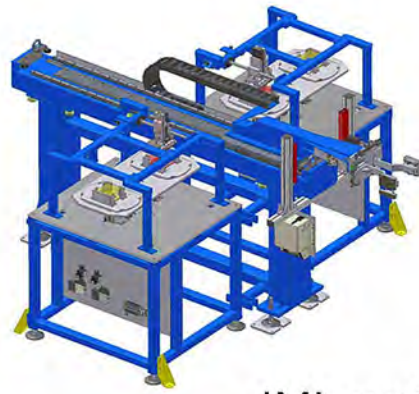
Robot palletizer ZD130S for 1 or 2 lines:

- 1 Kawasaki ZD130S robot, 80 kg., 5 axes
- 1 Kawasaki E42 controller, teach panel, 6.4" TFT color touch screen
- 1 Interface cabinet with 32 inputs, 32 outputs
- 1 Palletizing software with pattern generator
- 1 Base plate with stand for the robot
- 1 Gripper for sacks & cartons
- 1 or 2 Sack flattener
- 1 or 2 Motorized accumulating chain conveyors for sacks
- 1 or 2 Motorized roller conveyors for pallets with 2 pallet positions
- 1 Set safety fences in accordance with CE, 1 service door
- 1 or 2 Stacking & De-stacking systems for pallets
- 1 Wrapping machine
- 1 or 2 Robot programs

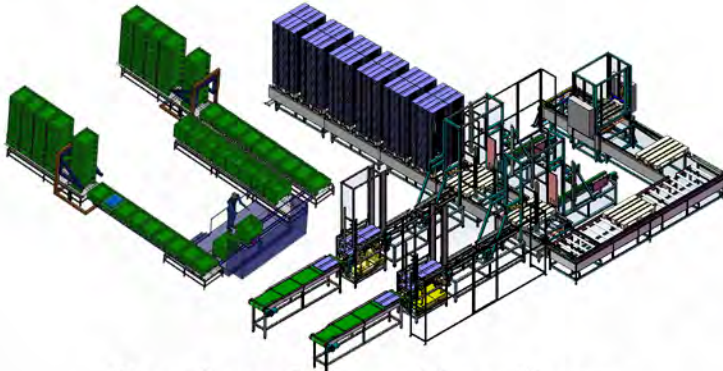




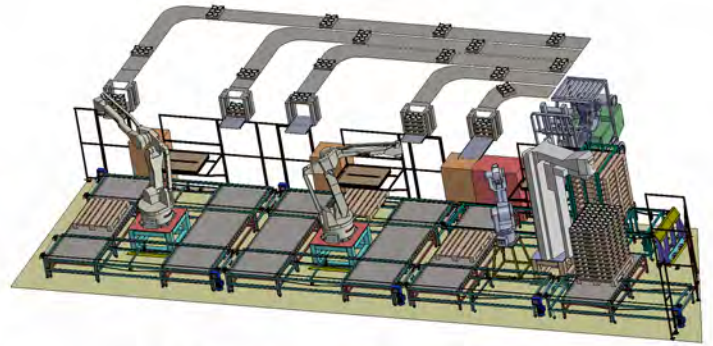
Sack Emptying Solution



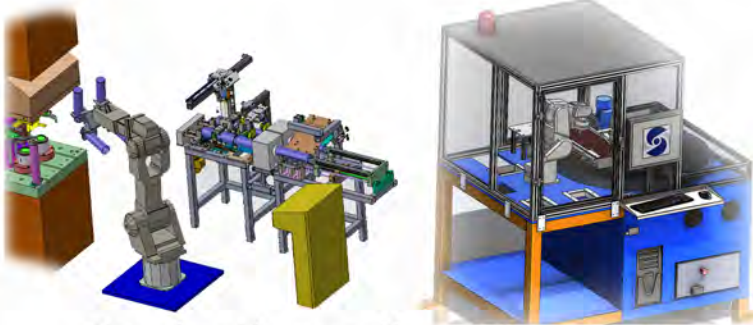
IML systems



Sorting & washing lines



Palletizing systems



Production cells with robots



Sacks & packs palletizing systems



Safety systems Germany



Motion & control Germany



6 axes robots Japan



Cartesian robots Italy



Pneumatics & grippers Korea