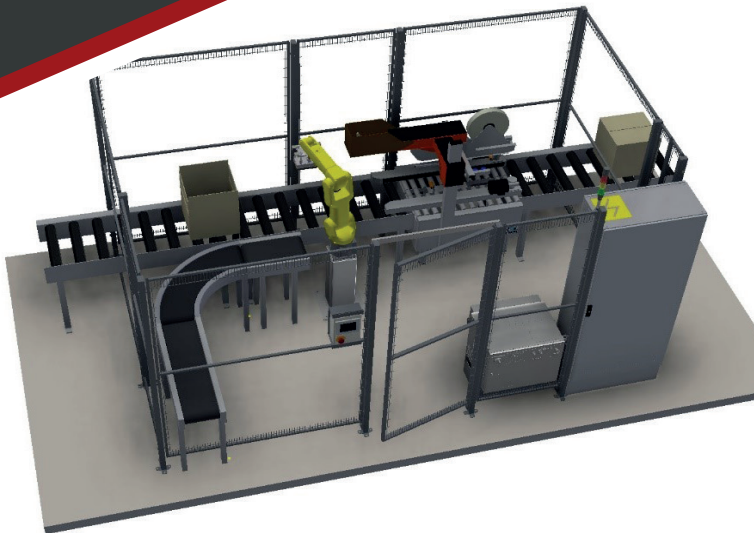


GiboSmartSolutions

GiboPack



ADVANTAGES

- Well-known technology tailored to your production
- Flexible in terms of product type and quantity
- Flexible and compact solution that can be extended in steps
- Higher throughput for increased productivity
- Reduction of monotonous, repetitive work
- Greater job satisfaction for increased productivity
- Releases employees for other tasks
- Improved competitiveness and greater employee satisfaction

Gibotech's package cell GiboPack is based on renowned technology and integrated into a variety of solutions over several years. The module can be purchased as stand-alone or as an integral part of a single box-package flow. The solution can pack a large number of different product shapes and sizes. The minimized footprint, along with the flexibility, provides an optimal ROI.



Robot

Fanuc. KUKA, Omron TM



Workspace

Flexible cell that can pack in boxes from 120x120x120 mm to 650x650x550 mm



Product types

Soft plastic tubes, hard plastic parts, glass bottles, cardboard boxes, iron and metal items, angular items loose or stacked



Modular

Can be built with box erector and palletizing unit

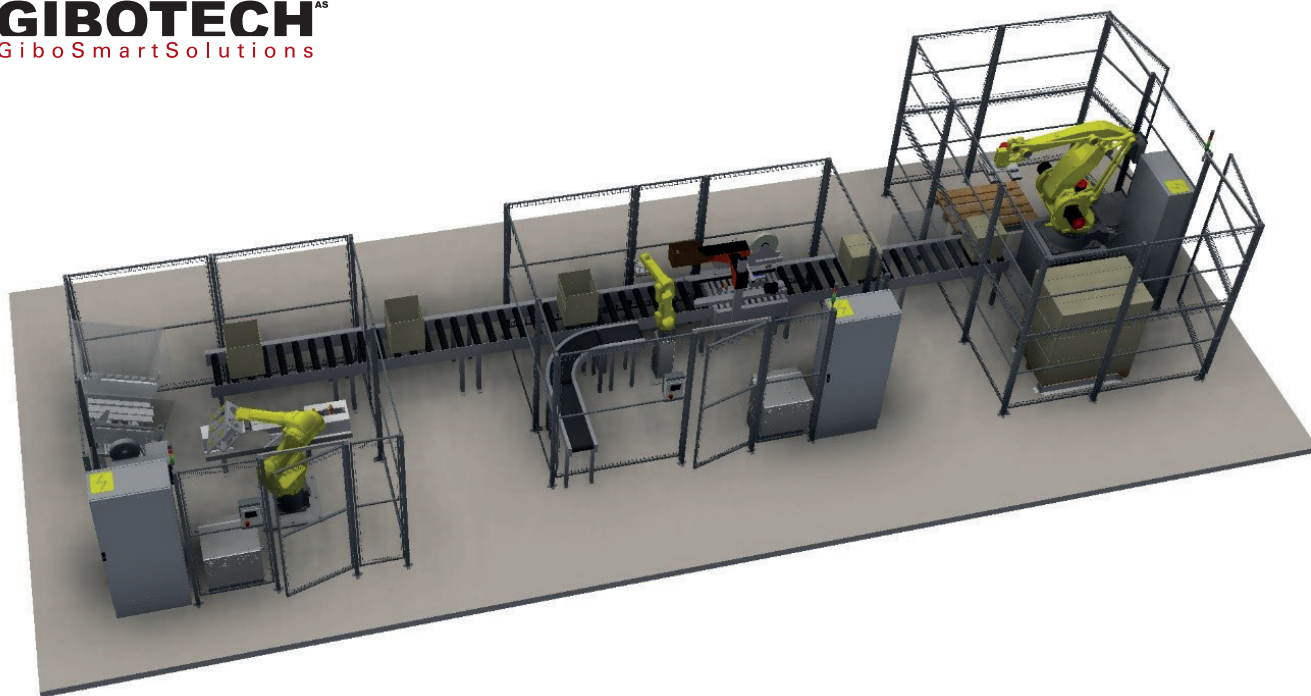


Solution

Supplied as turnkey set up and ready to use



GIBOTECH^{AS}
GiboSmartSolutions



INCLUDED

- Fanuc LR Mate-200iD/7L incl. teach pendant and controller
- Customized gripper/suction surface for product packing
- Custom-designed product orientation unit
- Tape box sealer
- 4 meter roller conveyor
- 4 meter product inlet conveyor including transfer
- 1 customer-designed HMI touchpanel with associated user interface
- Full security solution with fences and doors
- Electrical cabinets and electrical components (photocells, cable trays, cables, light guide)
- Complete documentation package incl. CE marking
- Option
 - o Box sealer with glue
 - o Label printer
 - o Laser printer
 - o Longer expiration bands
 - o Vision system for product orientation control before sealing the box
 - o Fanuc M-20iD/25 incl. teach pendant and controller for pack of moths or heavier items
 - o KUKA, Omron TM robot

FUNCTIONALITY

GiboPack is a product-package cell based on a modular concept that allows to expand with multiple modules as needed. If purchased as stand-alone, GiboPack replaces the manual packaging of products in cardboard boxes within 120x120x120 mm to 650x650x550 mm.

The cell is simple, user-friendly and with high output. The operator selects size and type on the touchscreen and the cell is ready for operation. Inlets move products to an automatic divider orienting the number of products the robot must handle. When a layer is full, the gripper sucks up the layer and places it in the box. The cycle is repeated by the number of layers to be placed in the box. When full, it is released and moved to the box sealer. After sealing, it is moved out of the cell for palletizing.

GiboPack can be expanded with more robots and conveyors

GiboPack is designed in solid material and well-thought-out solutions to ensure maximum operation with minimal maintenance costs if preventive maintenance is performed by authorized Gibotech service personnel at least once a year.

GiboPack is part of GiboSmartSolutions and in close relation to GiboBox and GiboPalletize.