

ROBOTIC CASE PACKING STATION

Case Packing Station for Candy & Gum Production Line



Machine Features

- Electro-welded frame & heavy-duty structure
- Double pick & place robots
- Double product feeding conveyors
- Vacuum pad pick up system
- Robot controller with teaching pendant
- Synchronization with case feeding system
- Photo sensors & proximity switches
- Electrical cabinet onboard the machine, PLC & servo controlled
- Multiple servo driven product feeding belt conveyors for controlling product pitch before loading into the case
- Equipped with step-motion case feeding conveyors, which stop while loading the products
- Single case feeding conveyor automatically feeds cases to each robot by diverting cases using pneumatic stopper and pusher
- Case feeding & stopping controlled, with multiple stoppers
- Safety door in transparent polycarbonate, easy to open/close
- Interface touch screen panel, all functions easily accessible



Double pick & place robots with vacuum pad pick up system



Multiple servo driven product feeding belt conveyors for product pitch control

Case Packing Station for Cheese Production Line

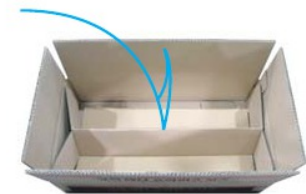
Multiple Packing & Box Size Configurations Possible



Different Attachable Suction Pads



Automatic Interleave Folding & Insertion



Also ideal for packing:

- Bowls
- Cartons
- Cups
- Glass & PET bottles
- Pillows
- Pouches



Automatic Product Stacking by Robots



- Various packing configurations & case sizes available with one touch button
- Quick & easy product changeover with different attachable suction pads
- Can be applied to all industries and products for case packing
- Automatic product feeding conveyors with product alignment
- Automatic interleave feeding & inserting robotic arm
- Automatic case forming & feeding conveyors

CASE PACKERS

Standard Case Packers

Side Loading Type



15 Cases / Min



MACHINE FEATURES

- Electro-welded frame & heavy-duty structure
- Right hand load construction
- Intermittent motion created by 3HP, AC380V
- Side loading type
- Overload detent clutch system on main drive
- Roll feeding with 950mm case magazine hopper
- Automatic product inserting device
- Pneumatic box feeding and loading operation
- Fully adjustable, simple and easy box size changeover
- PLC controlled interface touch screen panel
- Warning light
- Safety door with automatic stopping feature

OPTIONS

- Extension product infeed conveyor line
- Open flap detecting and rejection system
- Uploaded product discharging conveyor
- Pressurized hotmelt glue system
- Tape sealing system
- Inkjet data coding system
- 460V power supply

AUTOMATIC STACKING & INSERTING FEATURES

- Programmable product stacking configuration
- Product infeed conveyor
- Up & down stacking and product pushing Product side guide



15 Cases / Min

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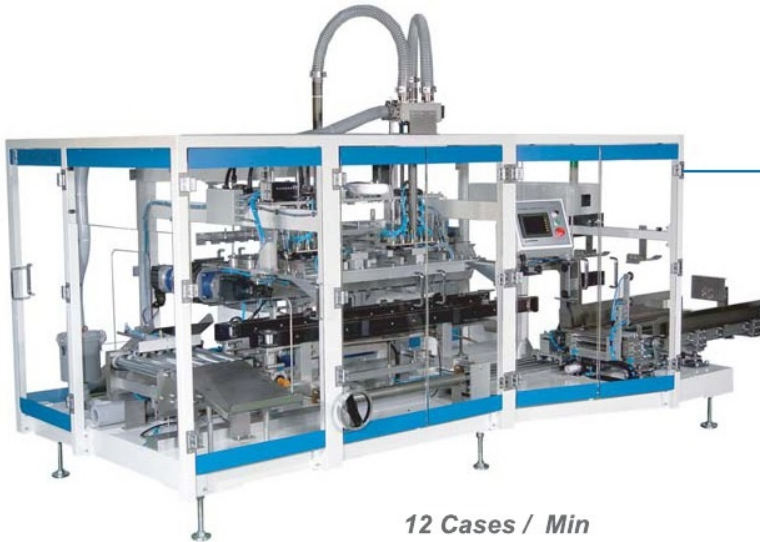
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Standard Case Packers

Top-Loading Type



12 Cases / Min



MACHINE FEATURES

- Heavy-load, electro-welded painted structure
- Overload detent clutch system on main drive
- Intermittent motion movement
- Onboard case feeder magazine
- Automatic case forming & feeding
- Pneumatic case extraction with suction cups and loading pusher
- Product holding suction cups on pneumatic down pusher, working while loading
- Product counting error, trouble alarm, with machine stop
- Integrated with collate & load feeder, product top loading, received products to the loading station
- Safety door in transparent polycarbonate, easy to open/close



12 Cases / Min