

Robot Labeler Boxed Package



» Features

» Pictures

Operation of Robot Labeler Boxed Package

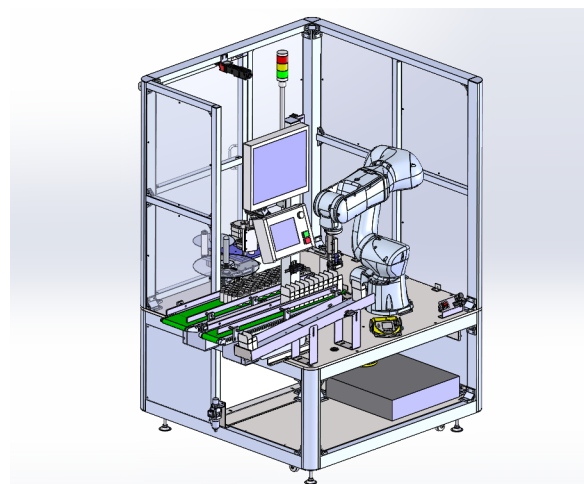
- ① Supply of prepared bottles and boxes by each supply conveyor
- ② The position of the bottle on the feed conveyor is recognized by the vision camera, and the bottle is moved to the feed conveyor. Robot Handles to Labeler
- ③ After labeling, the bottle is stored in a box on the supply conveyor. (2 bottles per box)
- ④ After storing, discharge the box into the discharge shooter.

Ability of robotic labeler packaging

- Capacity: about 13 seconds/box (2 bottles can be stored)
- * When using the Mitsubishi Electric ASSISTA collaborative robot
- Labeling accuracy: $\pm 1.0 \sim 1.5$ mm

Where Robot Labeler Boxed Package Works

pharmaceutical, cosmetics, food and chemical industry



Free from simple work like labeling and boxing, Automation enables **stabilization of quality** and **labor saving** and **improvement of productivity**

With focusing on **safety**, making Just Fit proposal according to work and field environment



For more information, click here. (Suntec's website)

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Key Specifications and Configurations

[Main Installation Requirements]

External dimensions	Width 1.6 m x Depth 1.2 m x Height 1.7 m
total weight	Approximately 500 kg
Power supply	3 Phase 200 V 20 A
Air flow rate	About 200 NL/min

[Package Structure]

Machinery Department	Labeler, Collaborative Robot, Safety Scanner, Supply CV x 2
	Discharge shooter, vision camera, overall frame, cover, air equipment
electrical section	Sequencer (PLC), touch panel (5-inch)
Options	Label printer, printing inspection device, label sticking presence inspection device, etc.

Guidance on other automated equipment proposals

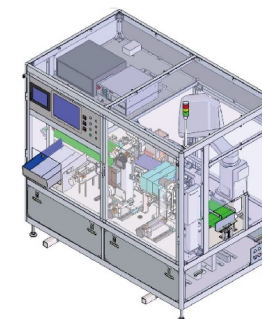
Tape sealing device

[Facility Overview]

- Capacity: 10 ~ 25 boxes/min
- Adhesion accuracy: $\pm 1.0 \sim 1.5$ mm

[Features]

- Accurate pasting
- Supports a variety of tape types (anti-curl)
- Adhesion position and tape length can be changed with the touch panel.



Introducing MELFA ASSISTA, a collaborative robot made by Mitsubishi Electric

[Features] What you can do is easier! That's ASSISTA.

- ① Easy Programming ... No Robot Expertise
- ② Easy Control ... Easy operation with operation buttons
- ③ Easy Connecting ... Easy connectivity with a variety of accessories

[Specifications]

- Weight capacity: 5 kg •Maximum Reach Diameter: 910 mm
- Position repetition accuracy: ± 0.03 mm
- Robot Body Environmental Specifications/Oil Mist Specifications (IP 54)

