HIGH-SPEED PACKAGING CELL

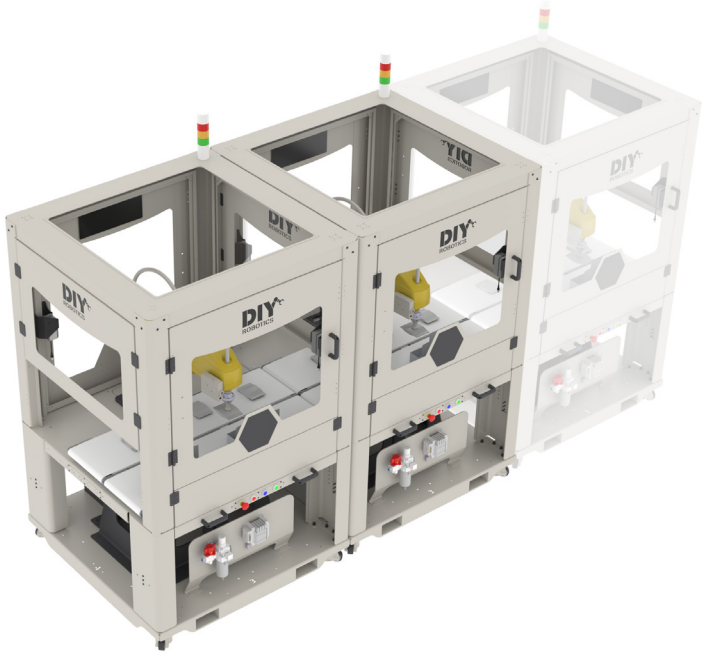
SPECIFICATION SHEET

Comet 44 with FANUC SR-6iA SCARA Robot

The High-Speed Packaging Cell is an advanced automation solution by DIY Robotics, designed to optimize secondary packaging processes. This modular cell seamlessly integrates with DIY Robotics' product line, enhancing flexibility and efficiency. It automates master case-filling, boosting productivity and ensuring consistent packaging quality. Its scalability allows companies to adjust production capacity to meet evolving needs.

GENERAL CHARACTERISTICS

- Versatility
- Modularity: Multiple cells can be connected to scale up production output.
- Cutting-edge technology
- Vision detection iR Pick Tool
- Continuous handling
- Flexible integration
- Customization
- Increased efficiency



TECHNICAL SPECIFICATIONS

- Capacity: **6 kg**
- Output: up to **60 pieces/min per cell**
- Installation and programming time: **1 day per cell**

CASE SPECIFICATIONS

- Maximum case dimensions (W x L x H): **10 in x 16 in x 8 in**
- Case opening: Top

CONVEYOR SPECIFICATIONS

- Maximum conveyor speed: **100 feet/min**
- Minimum conveyor height from ground: **37 inches**

GOODS SPECIFICATIONS

- Maximum goods dimensions (W x L x H): **10 in x 16 in x 8 in**
- Maximum weight of goods: **5 kg**
- Goods layout: horizontally

VACUUM SPECIFICATIONS

- Vacuum to be supplied by customer

PROGRAMMING AND SETUP

- Single-minute product changeover: enables quick and efficient product switches
- Intuitive 21-inch Rugged HMI: Designed for durability and ease of use in challenging environments
- Programming wizard: guides you through setup and configuration for ease of use
- Online interactive forum and support center: empowers your workforce and drives productivity by providing immediate access to assistance and resources