

RoboPacker Poultry

Automated case ready packing for poultry cuts

Overview

The RoboPacker automates the packing and styling of catch-weight poultry portions of fillets, drumsticks and tenders into trays, picking and placing up to 180 portions and up to 80 trays per minute.

Equipped with proprietary gripper technology, and a 3D vision system that scans individual portions for size and position, the RoboPacker accurately packs portions into pre-determined styles.

The advanced vision technology allows you to specify minimum batch weight and piece count for greater flexibility. During execution, whichever of the two values comes first will close the batch.

The RoboPacker's compact design ensures easy installation into any production line. It seamlessly integrates with Marel and third-party tray dispensers to distribute a wide variety of tray formats and meet specific product and consumer requirements.



Features

- **Automated packing** to reduce **labor dependency**
- **Consistent throughput and capacity.** Pack up to 180 portions per minute, 24/7
- **Proprietary gripper technology** styles product with precision and gentle handling
- **Enhanced food safety** with less human contact, hygiene and risk of contamination is minimized. Hygienic design ensures access to all sides for thorough cleaning
- **Increased control** advanced HMI sets benchmark for defining and adjusting packing and styling programs to meet changing consumer needs
- **Compact design** saves space for easy installation into production lines
- **AXIN Software** enabled to optimize machine health and production control



Technical specifications

PROPERTIES	VALUE
Length	5.18m (17ft)
Height	2.5m (8.25ft)
Width closed doors	1.2m (4ft)
Width open doors	3.04m (10ft)
Weight	1496.6kg (3300lbs)
Product capacity	Pcs/min up to 180
Tray capacity	Pcs/min up to 80
Products	Fillets/Drums/Tenders
Maximum fillet weight	18 oz.