

# **CAJA**

## Keshet Teamim Case Study



- Combined dry and chilled product storage in one operation
- Efficient handling of large SKU orders
- Time-sensitive delivery commitments
- High efficiency in a small-footprint operation





Keshet Teamim is a well-regarded grocery chain known for its wide selection of high-quality products, from fresh produce to specialty items. Growing demand for online shopping, as well as the need for efficient delivery, improved inventory management, streamlined order processing, and timely deliveries, drove Keshet Teamim to transition to an automated fulfillment center.

Location	Vertical	Activity	Warehouse	Go-Live Date
<b>Haifa, Israel</b>	<b>eGrocery</b>	<b>eCommerce</b>	<b>Greenfield</b>	<b>June, 2022</b>

#### Challenges

- Keeping track of stock levels accurately and efficiently can be difficult, leading to stockouts or overstocking
- Long walking distances for item picking
- Picking from a physical store disrupts visitors' shopping experience by slowing down overall store operations
- Effective FEFO picking strategy for food compliance

#### Customer Value

- FEFO management maintains freshness and reduces waste
- Efficiently manages storage at 4°C (39°F), preserving the quality and safety of chilled products
- Maintains strict separation between food items and cleaning materials, adhering to food safety regulations
- Enables faster inbound process for chilled products, ensuring they remain fresh
- Reduces walking distances during inbound and order picking, increasing efficiency and improving working environment including ergonomic stations
- Eases the operational load on physical stores, enhancing the shopping experience for in-store customers
- Improves picking accuracy, and improves customer satisfaction

#### Solution

- Overall area: 1,500sqm (16,145sqft)
- Storage height: 5.3m (17.4ft)
- Bin material: Plastic
- Bin height: 220mm-400mm (9"-15.75")
- Bin locations: 10,000-11,000
- SKUs: 44,000 / 8,400
- Robots: 55
- Picking stations: 5
- Inbound stations: 1
- Orders per day: 360
- Order lines per day: 5,770
- Avg. units per day: 8,970
- Avg. units per hour: 690

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