

MEET THE BINSTACKER®

 a patented revolutionary storage solution for all kinds of meat before or after further processing The BinStacker is your ideal solution for effortlessly and efficiently stacking Eurobins, SS containers, and Dolavs. Save labour costs, space and time by investing in a smart system that takes your cold storage to another level.



A PATENT-APPROVED INVENTION BY FINMATEC





BENEFITS OF THE BINSTACKER:

- Optimized space due to automatic stacking possibilities
- Energy savings lower need for cooling energy due to maximized storage room utilization
- Reduced need for manual handling
- Upgraded system traceability

- Increased capacity
- Enhanced cleanability and food safety procedures
- Integrated weight registration at the infeed point
- Full traceability with RFID or Barcode identification

The BinStacker is your all-in-one solution for

storing food efficiently. With it's many

MORE INFO ON THE BINSTACKER :®

ceiling is the only limit.

www.binstacker.com

options for add-ons and accessories, your





DOLAVS



HOW IT WORKS

The BinStacker system is a multi-level smart storage system that loads and unloads the bins to and from the multi-level storage with a wireless control system running on the X and Y axes.

The battery-driven technology is equipped with automatic charging during operation for a long-lasting solution that enhances food safety, improves cleanability and simplifies storage management. The BinStacker solution has a storage management software system and runs with Siemens PLC system.

The system is suitable for Euro bins, SS containers and Dolavs.

THE PRODUCT FAMILY

We offer five models in different sizes to ensure that you get the most out of your space, with multiple options for addons that make your system scalabe.

FINMATEC

EURO BINS



BASIC INFORMATION

Product storage capacity (tons)*

Storage typ





FARENHEIT S100

FILO

22,7 tons

FARENHEIT S300

FILO/FIFO

56 tons

0

0







CELCIUS M550

CELCIUS M1000

KELVIN L2500

FILO/FIFO	FIFO	FIFO
99 tons	183 tons	441 tons
550	1020	2450
4/5/6	4/5/6	6/7/8
1(2)	4	8
30 (60)	120	240
5 (10)	12	14

0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
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0	0	0
0	0	0
0	0	0

126 Number of bins 312 Number of floors 3 3/4 Storage lifters 1 1(2) 30 30 (60) Infeed and outfeed capacity, pcs/h** Quantity of channel shuttles*** 3 4 (8) TECHNICAL DATA AND FUNCTIONS Stainless steel grade materials 0 0 Euro Bins and Meat Carts (2001) 0 0 Automatic storage lifter, 0 0 capacity 300kg AS/AR system - Feeding & Channel shutters, 0 0 24/48 VDC 0 0 AS/RS - Automatic charging system 0 0 AS/RS - WLAN controlled IP66 0 0 Main electrical cabinet, IP40 (Dry environment) 0 0 PLC Siemens 1500-S7 0 0 Control panel Siemens Comfort TP1200, IP68 0 0 Frecuency converters Siemens 0 0 Safety equipment SICK 0 0 Storage tempeture +1 to +25 °C

0

0

*Raw material (net product weight of 180kg/bin)

High clean execution

Full wash down

**Simultaneous infeed/outfeed speed to be calculated separately, depending on spec.

***The quantity of channel shuttles is dependent on the number of storage floors defined



INFEED & OUTFEED

- Infeed lifter
- Infeed/outfeed buffer conveyors (the standard configuration for Celsius M1000 and Kelvin L2500 includes ten pieces)
- Weight registration

- RFID registration
- Barcode registration
- Wheel cleaning system
- · Doubled capacity (not applicable for Fahrenheit S100)

ADD-ONS

- Different number of floors
- 300 L Euro Bin/Meat Cart
- Dolav container
- SS Container

SERVICE

- Cleaning & service platforms
- Overhead crane Shuttle lifting system
- Mobile HMI Manual mode
- Service contract 2 years/5 years

ACCESSORIES

- Disposable plastic covers (to avoid contamination between floors)
- Floor bottom sheets (to avoid contamination between floors)
- Stainless steel covers
- 200 L Euro bins
- Cabling main cabinet -> equipment
- Integration with customer ERP
- Warehouse Management Software

Service platforms an walkaways for cleaning

and inspection



Infeed of bins

Infeed of bins



Outfeed of bins









Manual mode with Mobile HMI panel

Finmatec is a Nordic supplier of systems for handling raw materials in the food and processing industries. We take full responsibility for delivering solutions tailored to our customers' needs.

Our mission is to optimize productivity through customized solutions based on our extensive know-how and years of experience.

You can learn more about our BinStacker at www.binstacker.com

CONTACT INFORMATION

Our agents and dealers are located internationally; find the closest one to you on our website!

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