

# MACROBIN<sup>®</sup> 28 SERIES

The **MacroBin 28 Series** has a square footprint, which can help increase your storage capacity in CA rooms by 15%. Each bin has a 55,400 cubic inch capacity and a weight capacity of up to 1,300 pounds.



*With four-way entry and lightweight construction, the MacroBin 28-FV is easily transported from the field into cold storage.*



**28-S**  
*The MacroBin 28-S holds up to 238 gallons. It can be used for wine fermentation or other industrial liquid applications.*



## **28-FV**

*The MacroBin 28-FV holds up to three extra bushels of apples in every bin, compared to a conventional square wood bin.*

## Feature Highlights

- **Impact-grade copolymer** lasts longer, standing up to heavy day-to-day use, season after season. The molded plastic resists splintering, reducing damage to product and maintenance costs. Bin repair is inexpensive with hot air welding.
- **Lightweight construction** reduces shipping costs and makes MacroBins easier to move; their interlocking foot design makes them safer to stack — up to 10 high.\*
- **FDA-approved materials** are certified safe for use with food products, eliminating many HACCP problems associated with wood bins.
- **Nonporous surfaces** won't absorb water or dehydrate your product like wood bins, and they provide a constant tare weight throughout their use.
- **Rounded corners and smooth surfaces** mean fewer scuffs, abrasions and cuts on your product. Risk of contamination is reduced because there are fewer places for unwanted particles to hide.
- **Easy-to-sanitize** MacroBins reduce cleaning costs. A high-pressure wash removes most debris; a nonabrasive brush can dislodge any remaining items.
- **Smart MacroBins** utilize securely-attached RFID tags to deliver improved tracking and traceability options.

\* See reverse for maximum stack weight specifications.



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# Benefits of Using MacroBins



**Increased productivity.**  
Lightweight MacroBins are easy to handle, move and transport; unique interlocking foot design makes them easy to align and stack.



**Reduced cooling costs.**  
Superior ventilation in the 28-FV and tighter stacking means faster cooling in a CA room.



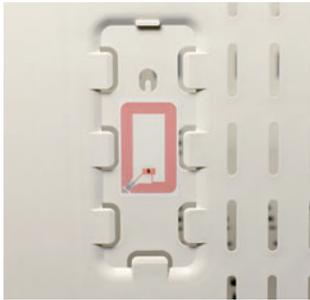
**Reduced bin repair costs.**  
MacroBins are virtually maintenance free; repairs are easy with hot air welding.



**Better sanitation and reduced contamination.**  
Smooth, nonporous surfaces are easy to sanitize and won't trap debris, breed bacteria, or absorb chemicals like wood bins.



**Improved pack outs.**  
Rounded corners and smooth surfaces mean fewer scuffs, abrasions and cuts on your product.



**Improved traceability and bin security.**  
Several identification methods including RFID tags and attractive foil embossing are available.

## Specifications for the MacroBin 28-FV

Load Capacity:	1,300 pounds
Volume Capacity:	55,400 cubic inches
Tare Weight:	95.5 pounds
Maximum Stack Weight <sup>1</sup> :	8,500 pounds (long term, ambient temperature) 11,000 pounds (short term (<1 month), ambient temperature) 15,000 pounds (long term, cold storage (35° F and below))
Molding Process:	High-pressure injection molding
Material:	Copolymer Polypropylene, U.V. stabilized
Approval:	FDA-regulated material
Container Design:	Double wall corner and center posts
Foot Design:	Positive interlocking feet; improved airflow in cold storage
Ventilation Slots:	2" (L) x 1/4" (W) in sides 1 3/16" (L) x 5/16" (W) in base Over 750 air vents in sides and base to facilitate air flow; rounded surfaces on interior edges of slots
Fork Lift Entry:	Four-way with patented integral slide-entry; foot side 2 1/4" opening, non-foot side 3 1/8" opening
Hand Holds:	Two
Label Holders:	Four
External Dimensions:	49 1/4" (L) x 49 1/4" (W) x 30 5/8" (H)
Internal Dimensions:	46" (L) x 46" (W) x 25 5/8" (H)
OPTIONS:	■ Customer identification with RFID tags or foil embossing

## Specifications for the MacroBin 28-S

Similar to 28-FV except:

Volume Capacity:	55,400 cubic inches (+/- 4%) / 238 gallons
Tare Weight:	98.5 pounds
Ventilation Slots:	None

Notes: Dimensions assume tolerance of 1/8". Volume capacities assume tolerance of 5% and tare weights assume a tolerance of 4% unless noted otherwise. Ambient temperature approximately equal to 75° F. Data is subject to change.

<sup>1</sup> Stack Weight = (weight of bin contents + tare weight of bin) X number of bins in stack

\*Please refer to maximum stack weight specifications listed above.



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### CORPORATE HEADQUARTERS:

2250 Huntington Drive  
Fairfield, CA 94533  
phone 800/845-6555  
fax 707/437-1201  
e-mail: info@macroplastics.com  
www.macroplastics.com