

Hybrid 44 Series



Hybrid 44-FV The Hybrid 44-FV has a load capacity up to 1,300 lbs (590 kg) and a volume capacity up to 44,676 cubic inches or 732 liters.*

Responding to requests from growers, Macro Plastics has designed the innovative Hybrid 44 Series to fulfill their demand for a more cost-effective and customizable shipping and storage solution. With a plastic bin fixed within a lean wood frame for structural support, the Hybrid 44 Series is the most economical agricultural plastic bulk bin on the market. The Hybrid 44 Series also offers the flexibility to be configured with different wood pallet assemblies to function within the specifications of various processing systems and warehousing facilities.

Feature Highlights






- **Smooth surfaces with rounded corners** inside the bin cause fewer product scuffs and abrasions, protecting the quality of your product.
- **Nonporous surfaces** in the injection-molded plastic bin won't absorb water or dehydrate your product and are easy to clean and sanitize.
- **High-impact, splinter-resistant plastic** is strong and durable, reducing maintenance costs and extending the life of the bin.
- **Hundreds of ventilation slots** reduce heat absorption, keep products cooler, and help keep products fresher longer.
- **Recyclable, FDA-approved materials** are certified safe for use with food products and maintain a high residual value at the end of the bin's life cycle.
- **Lightweight materials and a nesting bin design** allow for the lowest delivery cost for a plastic bin on the market today.
- **Interlocking design with a bruise buffer zone** keeps stacks straight, protects product within the stack, and can be suited for edge racking.
- **Easy-to-repair** plastic bins and wood frames keep maintenance costs low and improve productivity with less down time.

*See reverse for load capacity and maximum stack weight specifications.



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Benefits of Using the Hybrid 44 Series

<p>Lower shipping costs.</p>  <p>Empty plastic bins can be nested when shipped. The wood frames are shipped separately in flat kits to be assembled at the receiving site. Thus, the lowest delivery cost of any plastic bin on the market can be achieved.</p>	<p>Improved pack out.</p>  <p>Smooth surfaces and rounded corners reduce product abrasions, improving your pack out and bottom line.</p>	<p>Reduced cooling costs.</p>  <p>Hundreds of ventilation slots promote air flow and help products cool faster, then stay cooler longer.</p>
<p>Faster and safer stacking.</p>  <p>The interlocking design creates secure stacks up to 10 bins high with a bruise buffer in between bins to protect product.*</p>	<p>Ordered to your specifications.</p>  <p>Available with vents or without, 2-way or 4-way forklift entry, with plastic color options, or with different wood types, the Hybrid 44 Series can be designed to meet your specifications.</p>	

Specifications for the Hybrid 44-FV

Load Capacity:	1,300 lbs (590 kg)
Volume Capacity:	44,676 cubic inches (732 liters)
Tare Weight of Plastic:	34 lbs (15.4 kg)
Maximum Stack Weight ¹ :	8,500 lbs (3856 kg): long term, ambient temp. 11,000 lbs (4990 kg): short term, ambient temp. 15,000 lbs (6804 kg): long term, cold storage
Molding Process:	High-pressure injection molding
Material:	Polypropylene, U.V. stabilized
Approval:	FDA-regulated material
Ventilation Slots:	1 9/16" (L) x 5/16" (W) in sides and base; rounded surfaces on interior edges of slots; 40 mm (L) x 8 mm (W) in sides and base
Fork Lift Entry:	2-way or 4-way
Accessories:	Top Cap Liners
External Dimensions:	48" (L) x 44" (W) x 30 3/4" (H) 1219 mm (L) x 1118 mm (W) x 781 mm (H)
Internal Dimensions:	46 5/8" (L) x 42 1/8" (W) x 26 7/8" (H) 1184 mm (L) x 1070 mm (W) x 683 mm (H)

Hybrid 44-FV (continued)

Options:	Solid Base and Walls Stamping Plastic Color Options Wood Types
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Notes: Dimensions assume tolerance of 1/4" (6.4 mm). Volume capacities assume tolerance of 5% and tare weights assume a tolerance of 4% unless noted otherwise. Ambient temperature approximately equal to 75° F (23.9° C). Data is subject to change.

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

* Please refer to maximum stack weight specifications.

Please refer to the appropriate User Guide for information on the safe transportation, stacking and handling of Macro Plastics products. The User Guides in PDF format are available online at www.macroplastics.com or call us at 1-800-845-6555.



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