



› MacroBin® Family



Designed for Product Protection and Food Safety



MacroBins®



Made for Produce

- MacroBins were specifically designed for agriculture, to be used throughout every stage of the handling process: harvest, storage, processing, and shipping.
- Harvesting directly into MacroBins allows for better transfer of product from the field, reducing labor, handling, and the chance of product damage.
- Storage is simplified with an interlocking foot design. MacroBins are easy to move and safe to stack, with some models stacking up to 12 high.
- The standard MacroBin footprint is compatible with most processing equipment, and the self-palletizing design allows for quick and easy alignment.
- MacroBins will not warp or absorb water, maintaining a constant tare weight throughout processing and shipping.

➤ Why Plastic?

Plastic is incredibly versatile, durable, lightweight, corrosion resistant, and waterproof. The materials used in MacroBins are FDA-approved and certified safe for use with food products.

➤ Why Reusable?

Reusable containers create tremendous environmental advantages by conserving materials and resources, reducing waste, and lowering packaging costs.

A History Rooted in Agriculture

Macro Plastics introduced the first MacroBins to the wine and stone fruit markets of California in 1991. Because their wood bins were in constant disrepair, growers immediately saw the benefits of using MacroBins. Word spread quickly. Soon growers and food processors alike were using MacroBins for better durability, sanitation, and productivity. Today thousands of fruit and vegetable growers throughout North America are using millions of MacroBins, establishing Macro Plastics as the leader in bulk plastic agricultural bins.

Protect Your Produce... and Your Bottom Line

MacroBins create a sanctuary for delicate produce. They are stronger and more durable than single-use containers, and constructed with rounded corners, increased ventilation, nonporous surfaces, and impact-resistant plastic. MacroBins provide reduced packaging and shipping costs, lower rates of product damage, and decreased labor and disposal costs.

Lightweight Construction

Helps lower shipping costs and makes bins easier to move and safer to stack, with some models stacking up to 12 high.

Rounded Corners

Reduce the risk of product scuffs, cuts, and abrasions and decrease the risk of contamination.

FDA-Approved Materials

Certified safe for use with food products, eliminating many HACCP problems associated with wood bins.

Inexpensive Bin Repair

A smart long-term solution. Unlike wood bins, repairs can easily be made without replacing bin panels or bases.



Splinter-Resistant Plastic

Stands up to the harsh demands of everyday use and reduces maintenance costs, injuries to workers, and damage to your product and equipment.



High-Impact Resistance

Self-palletizing construction helps MacroBins maintain their shape and stand up to heavy day-to-day use, season after season.



Hundreds of Ventilation Slots

Improved air flow and reduced heat absorption help products keep cool and increase shelf life and quality.



Nonporous Surfaces

Plastic will not absorb liquids, which significantly reduces the risk of contamination from pests, bacteria, and pathogens.

Macro Plastics Value-Added Services











Along with a highly experienced customer service team, Macro Plastics offers the following services:

Recycling All Macro Plastics products are 100% recyclable, designed with minimum material requirements and extreme durability to increase reusability. We also offer attractive incentives to return old MacroBins for credit towards future purchases.

Rental Options We offer both One-Way and Short-Term container rental options, allowing our customers to increase flexibility and improve shipment quality without tying up capital.

New Business Development If our current product and services portfolio does not meet customer requirements, our experienced, world-class design and service teams will work closely with the customer to develop an ideal solution.

MacroBin Quick Reference Chart

	Model Number	Partial List Of Applications	Outside Dimensions (L X W X H)	Inside Dimensions (L X W X H)	Volume Capacity (cu. in.)	Load Capacity (lbs.)	Tare Weight (lbs.)	Maximum Stack Weight ¹ (lbs.)	Fork Entry	Options
	12-FV	Cherries, Blueberries, Cranberries	45" x 48" x 16½"	42¼" x 45¼" x 12"	21,500	500	SF-56 LF-57	b. 7,000	4 way	-
	14-FV	Cherries, Blueberries, Cranberries	47¾" x 47" x 16½"	45¼" x 44¾" x 12"	22,700	500	58.5	b. 7,000	2 way	-
	16-FV	Tomatoes, Tangerines, Citrus	47⅞" x 47⅞" x 21½"	43¾" x 43¾" x 15⅝"	27,700	1,200	78.5	a. 8,500 b. 10,000 c. 11,500	2 way	Lid, Rotator, Wide or Narrow Vented Base
	24-FV	Peaches, Citrus	47⅞" x 47⅞" x 28⅞"	44" x 44" x 22¼"	40,700	1,200	89.5	a. 8,500 b. 10,000 c. 11,500	2 way	Lid, Rotator, Wide or Narrow Vented Base
	26-FV	Peaches, Pears, Apples, Citrus, Onions, Sweet Potatoes	47¾" x 47¾" x 28½"	44½" x 44¾" x 24"	49,603 (+/- 4%)	1,300	87.5	a. 12,000 b. 13,000 c. 15,000	2 way	Lid, Narrow Vents
	28-FV	Apples	49" x 49" x 30⅝"	46" x 46" x 25⅝"	55,400	1,300	93.5	a. 8,500 b. 11,000 c. 15,000	4 way	-
	32-FV	Peppers, Avocados, Vegetables, Apples	44¾" x 48¼" x 29⅞"	41⅝" x 45⅞" x 24⅜"	47,000	1,300	SF-85.5 LF-86.5 CFS-90 CFL-91.5	a. 8,500 b. 9,500 c. 12,000	4 way	Lid
	33-FV	Apples	45¾" x 48⅞" x 30½"	42⅞" x 46" x 25¾"	52,000	1,100	SF-89.5 LF-90	a. 7,500 b. 10,000 c. 11,000	4 way	-
	34-FV	Apples, Onions, Sweet Potatoes, Carrots, Potatoes	44¾" x 48¼" x 34⅝"	41⅝" x 45¼" x 29⅜"	56,100	1,300	SF-95 LF-96 CFS-100 CFL-101	a. 8,500 b. 9,500 c. 12,000	4 way	Lid
	48-FV	Nuts, Garlic, Prunes, Potatoes	48⅞" x 48⅞" x 52½"	44⅞" x 44⅞" x 46½"	94,000	3,000	180 (+/- 5%)	b. 15,925	2 way	Ivory and Blue, Lid

Legend

FV = Fully Vented SF = Short Foot CFS = Center Foot Short
 LF = Long Foot CFL = Center Foot Long

Stack and Load Capacities

- a. Long term, ambient temperature
- b. Short term, ambient temperature (1 month or less)
- c. Long term, cold storage (35° F and below)

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

Notes

- All bins are made of FDA-regulated plastic material.
- All bins are ivory in color unless noted otherwise.
- Where noted, color bins are available at an additional cost.
- All bins are available with foil embossing at an additional cost.
- Dimensions assume tolerance of ¼". Volume capacities assume tolerance of 5% and tare weights assume tolerance of 4% unless noted otherwise.
- Data is subject to change. Information valid as of 01/2014.
- 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.