

# MacroBin® Family

MACROBIN 12-FV  
MACROBIN 14-FV  
MACROBIN 16-FV  
MACROBIN 24-FV  
MACROBIN 26NG  
MACROBIN 28-FV  
MACROBIN 29-FV  
MACROBIN 32NG  
MACROBIN 33-FV  
MACROBIN 34-FV  
MACROBIN 48-FV



## Designed for Product Protection and Food Safety

# MacroBin Family

## Made for Produce



### Features

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

IPL Macro 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 IPL Macro 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.

## FDA-Approved Materials

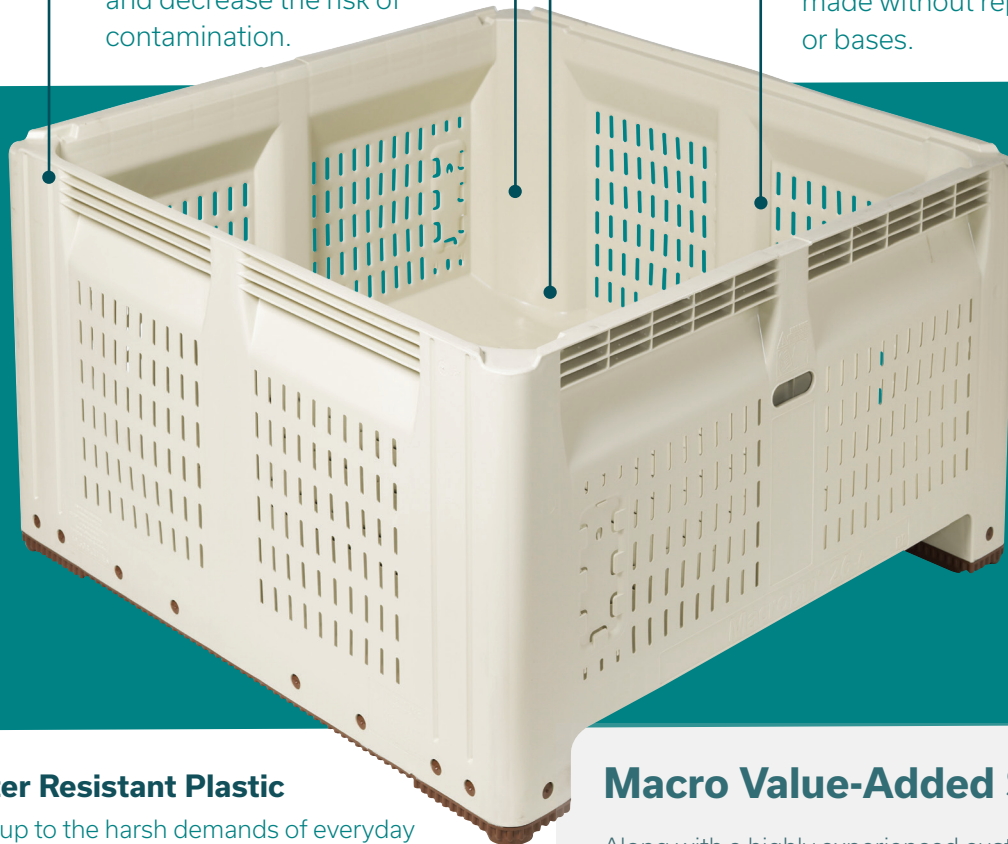
Certified safe for use with food products, eliminating many HACCP problems associated with wood bins.

## Rounded Corners

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

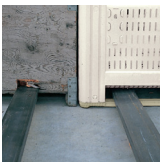
## Inexpensive Bin Repair

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.



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## Nonporous Surfaces

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

## Macro Value-Added Services

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

### Recycling

All IPL Macro 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 Family Specifications

[www.iplmacro.com](http://www.iplmacro.com)  
800-845-6555

	Model Number	Partial List of Uses	Outside Dimensions (L X W X H)	Inside Dimensions (L X W X H)	Volume Capacity	Load Capacity	Tare Weight	Max Stack Weight <sup>1</sup>	Fork Entry
	12-FV	Cherries Blueberries Cranberries	45" x 48" x 16 1/2"	42 1/4" x 45 1/4" x 12"	21,500 cu. in.	500 lbs	56 lbs SF 57 lbs LF	b. 7,000 lbs	4 way
	14-FV	Cherries Blueberries Cranberries	47 3/4" x 47" x 16 1/2"	45 1/4" x 44 3/4" x 12"	22,700 cu. in.	500 lbs	58.5 lbs	b. 7,000 lbs	2 way
	16-FV	Tomatoes Tangerines Citrus	47 1/8" x 47 1/8" x 21 1/2"	43 3/4" x 43 3/4" x 15 5/8"	27,700 cu. in.	1,200 lbs	78.5 lbs	a. 8,500 lbs b. 10,000 lbs c. 11,500 lbs	2 way
	24-FV	Peaches Citrus	47 1/8" x 47 1/8" x 28 1/8"	44" x 44" x 22 1/4"	40,700 cu. in.	1,200 lbs	89.5 lbs	a. 8,500 lbs b. 10,000 lbs c. 11,500 lbs	2 way
	26NG	Apples Citrus Sweet Potatoes Onions	47 3/4" x 47 3/4" x 28 1/2"	43 5/8" x 43 5/8" x 24.438"	49,603 cu. in. (+/- 4%)	1,300 lbs	76 lbs	a. 12,000 lbs b. 13,000 lbs c. 15,000 lbs	2 way
	28-FV	Apples	49" x 49" x 30 5/8"	46" x 46" x 25 5/8"	55,400 cu. in.	1,300 lbs	93.5 lbs	a. 8,500 lbs b. 11,000 lbs c. 15,000 lbs	4 way
	29-FV	Apples	48" x 48" x 28"	44 5/16" x 44 5/16" x 23 15/16"	49,600 cu. in.	1,300 lbs	70.4 lbs 2 way Foot 69.2 lbs with 4 way Foot	a. 15,000 lbs	2 way 4 way
	32NG	Peppers Avocados Vegetables Apples	44 3/4" x 48 31/100" x 29 93/100"	40" x 44 3/4" x 23 87/100"	48,000 cu. in.	1,300 lbs	74 lbs SF 75 lbs LF	a. 8,500 lbs b. 9,500 lbs c. 12,000 lbs	4 way
	33-FV	Apples	45 3/4" x 48 7/8" x 30 1/2"	42 7/8" x 46" x 25 3/4"	52,000 cu. in.	1,100 lbs	89.5 lbs SF 90 lbs LF	a. 7,500 lbs b. 10,000 lbs c. 11,000 lbs	4 way
	34-FV	Apples Onions Potatoes Carrots	44 3/4" x 48 1/4" x 34 5/8"	41 5/8" x 45 1/4" x 29 3/8"	56,100 cu. in.	1,300 lbs	95 lbs SF 96 lbs LF 100 lbs CFS 101 lbs CFL	a. 8,500 lbs b. 9,500 lbs c. 12,000 lbs	4 way
	48-FV	Nuts Garlic Prunes Potatoes	48 1/8" x 48 1/8" x 52 1/2"	44 7/8" x 44 7/8" x 46 1/2"	94,000 cu. in.	3,000 lbs	180 lbs (+/- 5%)	b. 15,925 lbs	2 way

## Legend

**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 (35o F and below)

<sup>1</sup> 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 1/4". 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 01/2019.
- Please refer to the appropriate User Guide for information on the safe transportation, stacking and handling of IPL Macro products. The User Guides in PDF format are available, call us at 1-800-845-6555.