

## › Hybrid Family



Nesting bins designed for global shipping and harvesting.

## Hybrid Bins | Built for Multi-Functionality



- The Hybrid family of bins are our most versatile bins ever. Made from high pressure injection molding with polypropylene plastic, they are perfect for the toughest harvest, handling, storage, or shipping applications. The Hybrid bins feature modular components that provide the option for the bins to be nested into one another when empty, or stacked high with heavy loads when filled with a commodity - giving you the best of both worlds for an efficient returnable shipping solution. Wall taper prevents walls from one bin crashing against the walls of any adjacent bins. We call this the "Bruise Buffer Zone". Ventilation can be configured for the specific application or can be completely solid. Shown here is the fully ventilated version.

### 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.

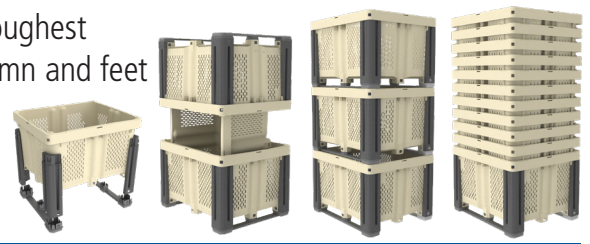
- Softer walls with rounded edges and less sharp angles make the Hybrid better than any traditional plastic bin
- Innovative perimeter geometry keeps walls from bowing out
- Smart design keeps base from deflecting, and protects content
- Shape offers a bruise buffer zone on outside of walls to protect fruit from adjacent stacks
- Smooth soft surfaces to protect fruit
- Near 10% more ventilation than traditional plastic bins
- Durable FDA-approved plastic
- New column design absorbs and recoils any impact, instead of resisting impact and breaking
- In a stack, the top bin doesn't nest into the bottom bin, which allows full use of internal volume and keeps the feet or frame and strap of the top bin away from the contents below
- Most cost efficient bin to repair, easily accomplished by replacing the columns or feet straps if damaged



## Hybrid 1012



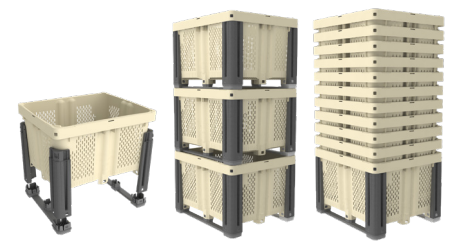
Incredibly versatile, making it perfect for the toughest harvest, storage and shipping conditions. Column and feet inserts allow the bins to nest when empty and can then be locked into place permanently, or removed for returnable shipping and storage.



## Hybrid 1212



Our ultimate harvest bin is delivered nested into each other for low-cost delivery. Once at its location, column and feet inserts are locked into place. Configuration is permanent to create the strongest, most durable agricultural bin possible.



## Hybrid 44P



Also known as the "Shipper Bin", it features an easy & quick snap on-off frame for efficient empty storage or efficient freight. Multiple frame options allow for 2-way or 4-way fork entry.



2-Way Pallet

4-Way Pallet








## Hybrid 44C



The ultra-light, yet strong Hybrid 44C is the compact version of the taller Hybrid 44P, which it's been given the nickname "Short Shipper". The shorter height of the Hybrid 44C is ideal for more fragile produce, such as tomatoes, citrus, and mangoes.



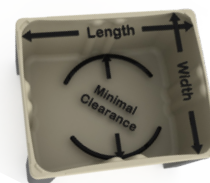
# Hybrid Quick Reference Chart

	Model Number	Partial List Of Applications	Outside Dimensions (L X W X H)	Inside Dimensions (L X W X Minimal Clearance)	Volume Capacity (cu. in.)	Load Capacity (lbs.)	Tare Weight (lbs.)	Maximum Stack Weight <sup>1</sup> (lbs.)	Fork Entry	Options
	44P (2-Way Pallet)	Apples, Citrus, Melons, Onions, Potatoes	48" x 44" x 30 <sup>3</sup> / <sub>4</sub> " (straps on long side) 48" x 44" x 32 <sup>3</sup> / <sub>64</sub> " (straps on short side)	46 <sup>5</sup> / <sub>8</sub> " x 42 <sup>1</sup> / <sub>8</sub> " x 36 <sup>49</sup> / <sub>50</sub> "	44,676	950	66	a. 8,500	2 way	Color options, Stamping
	44P (4-Way Pallet)	Apples, Citrus, Melons, Onions, Potatoes	48" x 44" x 32 <sup>3</sup> / <sub>64</sub> "	46 <sup>5</sup> / <sub>8</sub> " x 42 <sup>1</sup> / <sub>8</sub> " x 36 <sup>49</sup> / <sub>50</sub> "	44,676	950	66	a. 8,500	4 way	Color options, Stamping
	44C	Citrus, Kiwi, Mango, Tomato	48" x 44" x 23 <sup>3</sup> / <sub>16</sub> "	46 <sup>5</sup> / <sub>8</sub> " x 42 <sup>1</sup> / <sub>8</sub> " x 19 <sup>5</sup> / <sub>16</sub> " (Height)	27,700	882	54	a. 8,500	2 way 4 way	Color options, Stamping
	1012	Apples, Citrus, Melons, Onions, Potatoes	39 <sup>37</sup> / <sub>100</sub> " x 47 <sup>6</sup> / <sub>25</sub> " x 31 <sup>1</sup> / <sub>10</sub> "	44 <sup>27</sup> / <sub>50</sub> " x 37 <sup>43</sup> / <sub>100</sub> " x 32 <sup>3</sup> / <sub>50</sub> "	39,045	1,102	65	a.11,023	2 way 4 way	Color options, Stickers
	1212	Apples, Citrus, Melons, Onions, Potatoes	47 <sup>6</sup> / <sub>25</sub> " x 47 <sup>6</sup> / <sub>25</sub> " x 31 <sup>1</sup> / <sub>10</sub> "	46 <sup>29</sup> / <sub>100</sub> " x 46 <sup>29</sup> / <sub>100</sub> " x 39 <sup>23</sup> / <sub>25</sub> "	47,689	1,102	69.9	a. 11,023	2 way 4 way	Color options, Stickers

## 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.



## 1% for the Planet

In 2018 we joined 1% for the Planet – an organization whose members contribute at least one percent of their annual sales to environmental causes. As current members, we have pledged one percent of the revenue from our Hybrid line of bin products to environmental nonprofits.

Website: [www.onepercentfortheplanet.org](http://www.onepercentfortheplanet.org)



### 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 01/2014.
- 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](http://www.macroplastics.com) or call us at 1-800-845-6555.



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