



UPC

UNITED PLASTIC CORPORATION S.A.

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More than 20 years in Chile

PLASTIC BINS

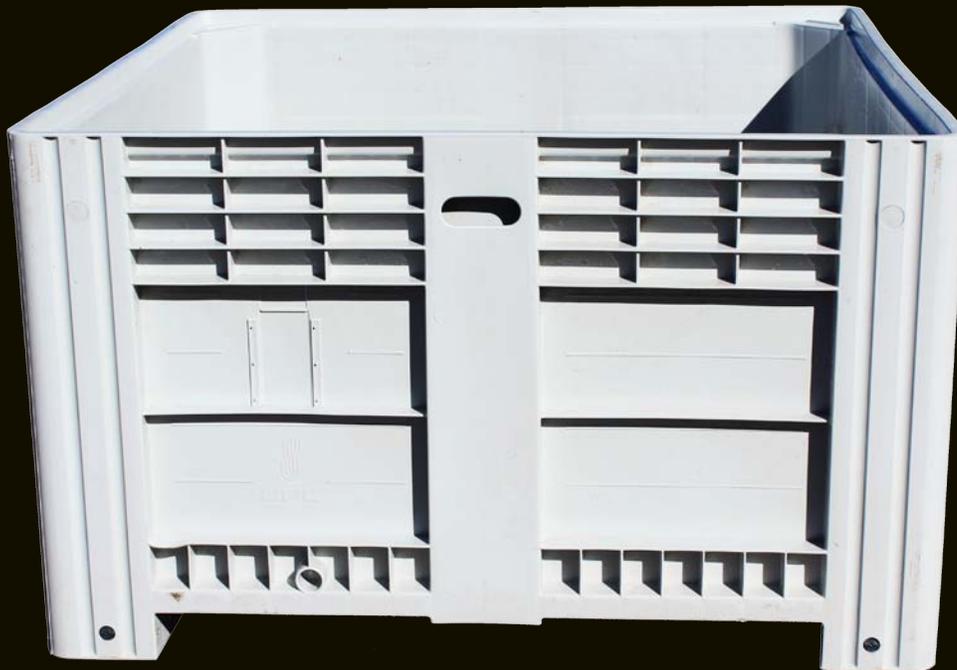
CATALOGUE OF PRODUCTS





PLASTICS BINS

UPC has designed a bin in which resistance and durability have been maximized, while maintaining the standard capacity. This was achieved by incorporating a larger amount of raw material than the other models currently existing in the market.



■ DEHYDRATION

Masterbin does not absorb the water from the fruit or the air, as do wood bins. This is important especially during the first third of the storage period of a perishable produce, when there is a decrease of the environmental relative humidity and a greater dehydration and losses of weight of the product stored.

■ DURABILITY

Masterbin has a useful life of at least 14 years, while the actual life of a wooden bin is only four to five years at a high maintenance cost. The wooden bin also has an extra cost coming from the stock contamination as the result of mixing different sources of return.



■ HYGIENE

Unlike the coarse and porous nature of wooden bins, Masterbin has a non-porous nature and does not absorb water or chemicals. It is also easier to clean and disinfect, which significantly reduces the presence of plagues and rotting. All these features make the post-harvesting treatments by showering or immersing more efficient, with concentrations that keep stable and also avoid losses of the agrochemicals used.

■ HANDING

Masterbin is a “four-inlet” package, which provides a very good operating capacity in any place. Especially in areas of reduced space, such as cold chambers, supermarkets, industrial facilities, etc.



■ RESISTANCE

Its higher resistance is due to the bigger weight compared with other alternatives of plastic bins present in the market. A second advantage is that its number of injection points exceeds the average of the market. Therefore the manufacturing process gives a higher resistance to avoid any deformation. Certainly the MasterBin is the most robust bin in the market and provides the longest useful life.

■ IDENTIFICATION

Masterbin may be manufactured with your company's logo and it is also numbered. This allows for good control of the inventory and a clear identification. The design also allows a practical card-holder to register key information about the grower, the fruit, etc.



■ PROTECTION

The smooth internal surface of the Masterbin is free of any unevenness and the rounded-edges and built-in ventilations protect the product against blows and damages due to abrasion and compression, obtaining a higher percentage suitable to be exported.



■ STORAGE

The stacking of our masterbins system allows for the quick and safe piling up to 10 units upwards. This is possible due to its outstanding strength, which is kept throughout its useful life.

■ COOLING

Masterbin has many ventilations on each side and base. This design allows the circulation of air through the mass of the product inside and takes away the heat of the field two to three times faster than the traditional bin. These ventilations provide a uniform distribution of the cold chambers and a longer duration of the products under cold.

Plastics Bins



Version's Weight	Alone	With Legs	With cross-holders
Ventilations	39,1	40,9	43,5
Closed	40,1	41,9	44,5

■ HIGH-DENSITY POLYETHYLENE (HDPE) UV-STABILIZED

Aproval	Meets the FDA rules for foodstuff use
Molding process	High pressure molding injection
Construction	Double wall in corners and central post
Outside dimensions	1.22 m (length) x 1.22 (width) x 0.77 m (height)
Inside dimensions	1.14 m (length) x 1.14 (width) x 0.62 m (height)
Bin's capacity (kg)	Up to 450 kg
Bin's capacity (l)	805 liters
Ventilations	320 ventilation slots (48 mm x 9 mm) in side walls. 374 ventilation slots (29 mm x 9 mm) at the bottom in order to make air circulation easy; rounded surface in the inside face of slots
Color	Grey
Card-holders	Two
Customer's identification	Printed or embossed logo (over 5,000 bins)
Inlets for forklifts	4 inlets
Piling	Up to 10 bins high
Use with fluids	2 outlets for possible hydrants