

JMT US and Macro Plastics launch natural controlled atmosphere shipping bin solution

Following years of collaborative research and development, JMT US and Macro Plastics are proud to launch, in the USA, new controlled atmosphere equipment for the preservation of fresh commodities: the JMT CA Bin 730.

This new solution combines the expertise of both companies. Macro developed the nesting Hybrid 44-P bin with solid walls, while JMT US designed the JMT Lid 9 adapted to fit the bin. Once the lid is secured on the bin with an easy-to-use clip system, you get a controlled atmosphere bin that can be used to extend the shelf life and maintain the freshness of a wide range of fruits, vegetables, cut flowers or mushrooms. The CA conditions are obtained through an all-natural process, as it is the breathing of the stored product that modifies the atmosphere, thanks to the patented gas-selective membranes on the lid that control O₂ and CO₂ rates inside the bin.



This CA technology will become essential on many farms and will improve your business by:

- Making it easier to sell to the best market segments,
- Keeping high quality product longer,
- Decreasing waste and losses,
- Getting advantages on speculative market places.

The JMT CA Bin 730 is the first ever nesting bin solution featuring natural controlled atmosphere preservation. Now, growers and shippers can take advantage of this quality-maintaining technology with durable and reusable bins that offer a 4 to 1 empty-return ratio: only 1 truck on the way back for every 4 trucks with stacked bins full of fresh produce.

As waste reduction and energy savings are major issues of agricultural production and logistics, the JMT CA Bin 730 is a highly relevant solution. Not only does it reduce the shipping costs, but it prevents weight loss and quality downgrading. The extended shelf life allows you to avoid production losses and makes it easier for professionals to reach the best prices and sell through the best marketing channels.

These features convinced Steve Tennes, of the Country Mill Farms in Charlotte, MI, to become the first user of the JMT CA Bin 730, with more than a hundred bins delivered in early July. As the JMT CA Bin 730 combines shipping cost reduction with high-quality preservation, this new controlled atmosphere shipping solution should rapidly get the attention of many other growers and shippers and is set to become a new standard for the storage and shipment of fresh fruits, vegetables, and cut flowers.

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