



## 23/28L Dual Height Crate



### ENTRANT

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### CATEGORIES ENTERED

Environmental Impact



Packaging Systems



### SPECIAL FEATURES



When Foodstuffs Wgn introduced a Returnable Transit Packaging System for the distribution of fresh poultry from suppliers to retail stores early 2007, it was a culmination of a 10 month project. Viscount worked with the entire supply chain to develop a new format dual height crate that has brought major environmental benefits e.g the removal of 180 tonnes of cardboard p.a.



The dual height mechanism enables the distribution of whole birds, pieces and cuts in a single distribution crate eliminating approx 94 tonnes of raw material that could be required for a second crate, or shipping unused space from a partly filled single height crates.



With the consolidation of fresh poultry distribution into the new Foodstuffs Distribution Centre in Palmerston North and adding improvement in vehicle efficiency of the new RPT system, at least 150 supplier deliveries per day are removed from the supply chain.



The total package is a world class example of waste minimisation, the effective use of distribution vehicles and the involvement of the total supply chain to create a radically different method of getting products to the consumer



### Environmental Benefits:

- 12% Increase in space utilisation in delivery trucks
- Estimated 150 supplier delivery movements per day have been removed from the supply chain.
- Dual height design has eliminated approx 45 tonnes of raw material
- 180 tonnes of one-way cardboard removed from landfill p.a
- Reverse logistics - on delivery of full product, empty crates are collected and returned to suppliers.
- Deep nest feature enables more crates per stack, keeping storage space at the DC at a minimum
- Crate is 100% recyclable, clearly labelled with material code for ID of product for regrind.

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