



## The Benefits

### 1. Cost savings

- TSM cases are manufactured from lightweight materials.
- Delivered flat and machine erected on site, TSM maximises freight cost economies.
- Hot melt adhesive is used in erecting and closure of the TSM case, giving strength and durability. This is a cheaper option than the alternatives of strapping and taping.
- TSM cases maximise space utilisation for freighting more cases per container shipped.

### 2. Easy to use

- TSM is formed from a one-piece blank with a seamless base that makes it easier to handle in boning rooms.
- TSM's flat pack offers efficient utilisation of freezer storage, since it can be safely stacked up to 4 pallets high.
- A liner-less (PE-coated) option is available, eliminating poly bag entrapment.

### 3. Environmentally friendly

- The TSM freight system provides a hygienic means to export produce.
- The liner-less option is certified suitable for food contact.
- TSM cases can be recycled and repulped.

### 4. Customised to your business

- TSM fits a standard 1080 x 1080mm modular pallet.
- Can be supplied to your size requirements.
- TSM cases are printable and suitable for branding or labelling.



## A Boneless Beef Case that Remains Flat After Freezing.

### The Need

It has been evident in the Meat Industry that a case that remains flat after freezing was a prime requirement, especially for safety in freezer storage through improved stackability of the frozen product.

The process involved with bulk packing meat products often results in 'overfilling' – which further hinders stackability. A packaging system needed to be developed to address this.

### The Solution

Carter Holt Harvey's innovative TSM case is manufactured in corrugated or solid fibre board. The TSM system also comprises a Machine Case Erector, a Meat Press/Compactor and a Hot Melt TSM Closer.

The case is a unique design, incorporating webs in the base and lid. These work to eliminate case racking and, in the lid, build up on the corners contributing to pack stability.

The Meat Press/Compactor was introduced to compensate for overfill. The Press creates a concave impression which, when the product is frozen, means a smooth pack surface will be achieved.

The TSM case can be stacked up to 4 full pallets high without the need for specialised racking.

On a cost/performance ratio, TSM is the best option for boneless, frozen meat packaging currently available.



### Technical Specifications

Capacity:	27.2 kg boneless beef case
Fit:	Pallet and container reefer shipping compatible
Material:	Solid fibre and corrugated board
Features:	Remains a flat pack after freezing. One-piece base

Contact us today for more information on the TSM Packaging System™