

Smartstak

The intelligent glass bottle packaging system:
No more collapsed loads

Spring-loaded plastic top frame and waved-edge layer pads work together to eliminate pallet collapse.

Improved pallet stability

Reduced transport and handling

Potential to add more layers of bottles

Reduced bottle loss

Safer working environment

No horizontal banding

No plastic shroud

Less bottle scuffing

Potential to automate depalletiser

Reduced CO2 emissions

One pad for all applications



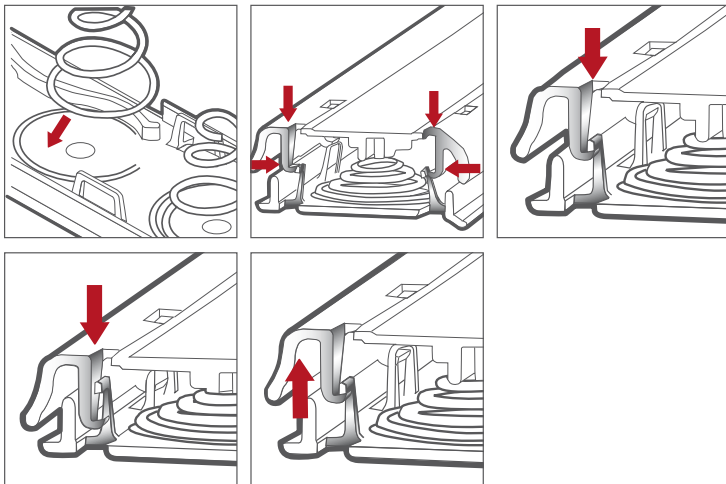
SMARTSTAK™



Smartstak is a revolutionary patented system for the containment of glass bottles during transportation and storage. Historically, 1–3% of all tall pack pallets of glass collapse in transit – a major operational, financial, environmental and safety cost to brewer and bottle manufacturers.

The Smartframe is a robust 'live' top frame:

Spring-loaded with 750kg of stored energy, the Smartframe acts to maintain tension in the vertical banding over a period of time. In transit, the springs act as a 'shock-absorber', dampening vibration and impacts to the pallet that usually cause collapse.

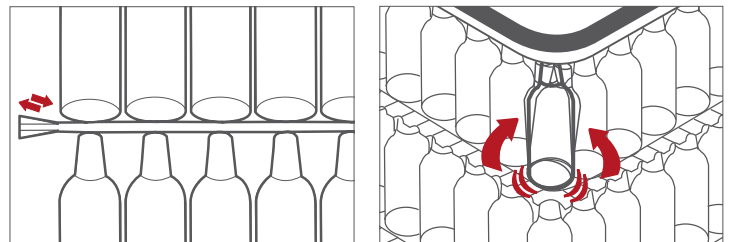


The Smartpad is an 'intelligent' layer pad:

The patented wave-edged pad profile has a major impact on the stability of glass pallets.

During movement on high speed automated lines or in the back of a vehicle, vibration causes bottles to literally 'walk' off the edge of a standard layer pad.

The Smartpad's edge traps the bottles from falling off and actively forces the bottles back towards the centre of the pad. This unique profile also allows better de-palletisation of the glass and secure nesting when empty.



Used as a system, the Smartstak prevents pallet collapse, eliminates up to 70% of one-trip packaging and reduces transport costs through higher pallet loadings.

Loadhog Ltd

Loadhog is a multi-award winning manufacturing company based in Sheffield, UK. An employee owned organisation, genuine innovation and new product development lies at the heart of our business.

Our aim is to solve every day problems within logistics and supply chain operations – reducing transport requirements, eliminating packaging waste and making life easier for those using our products.

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