

Pallet load securement

hhs
Baumer Group

Sustainable solution minimises
use of plastic film



Xmelt



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The easy way to reduce waste

Protecting products during transport to the consumer is a critical link in the supply chain.

Pallets today usually are shrink-wrapped in multiple layers of plastic film to keep products from getting damaged en route. The film serves both to secure the load against shifting during transport and protect it against contamination and the weather.

Effective adhesive solutions

Adhesives can reliably protect products from shifting during transport and in warehouse storage. Specially developed adhesives ensure good adhesion on a pallet and greatly facilitate depalletising.

Automated adhesive application

State-of-the-art gluing systems can be integrated directly in a packaging line to secure products with adhesive in-line, during stacking. The HM 500 SP applies adhesive in a spiral pattern. The width and length of application can easily be adapted to the size and weight of a box. This automated process dramatically reduces time spent in the shipping room.



Spiral application for securing pallet loads.

Sustainable solution

Securing pallet loads with adhesive also substantially reduces the consumption of plastic film.

By securing products with adhesive, businesses can eliminate the use of shrink wrap or cut back on it considerably – and save on several metres of plastic film per pallet. That slashes retail waste by up 90% and cuts costs for packaging.

In addition, the adhesives have no negative impact on the recycling process.

Clear advantages

This solution can easily be integrated in existing palletising systems. Adhesive application systems can be adapted without effort to all packaging requirements. Time-consuming shrink-wrap processes can be eliminated in logistics departments and retailers can depalletise loads more quickly.

Take the next step towards reducing the use of plastic in packaging production and logistics.



The HM 500 SP head applies hot melt adhesive in a spiral pattern.

- Easy to integrate in palletising systems
- Non-contact nozzle application with HM 500 SP application heads
- Eliminates the need for slip sheets
- Reduces plastic film consumption by up to 90%
- Simplifies depalletising
- Cuts costs by up to 80%