

MSK Multitech

Fully automatic shrink hood machine

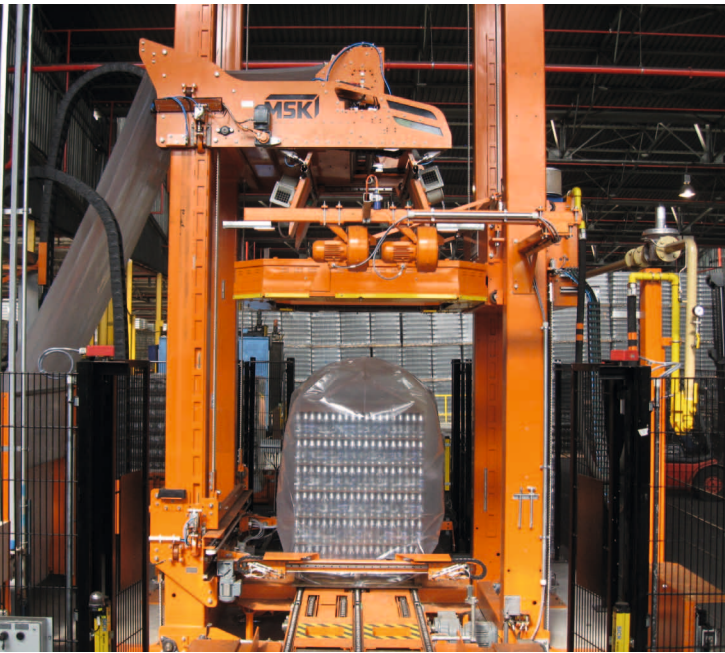


Your benefits at a glance

- ✓ Non-contact hood application
- ✓ Highest load and transport safety for your product
- ✓ Great display effect with excellent protection against moisture and dirt
- ✓ Small footprint due to compact construction
- ✓ Easy maintenance, without platforms or ladders, thanks to lowerable machine head
- ✓ Energy consumption less than 8 % of film costs, highest safety standards



Technical solutions in detail



Non-contact hood application

The well-proven MSK film-opening system grants flawless tailoring and **non-contact application of the film hood**, which makes use of **very thin film** possible. The MSK Multitech provides the highest flexibility: It is capable of packing varying pallet sizes with up to four different film formats or thicknesses. The MSK coordinate process ensures that each hood is opened and applied product-specifically.



Hood application and shrinking in one place

The space-saving compact system easily packs up to 80 glass pallets per hour. As an in-line system, it can handle even higher performances. No hydraulics are needed as **belts instead of chains** constantly ensure clean and material-conserving handling, with **minimal maintenance effort** and very little wear and tear.



Lowerable machine head

New

The machine head can be lowered to working level. Maintenance becomes easier and faster in this way, as no ladders or working platforms are needed.

- Smaller footprint
- Improved accessibility
- Higher operational safety

Technical solutions in detail



Easy exchange of film rolls and welding strip

Very operator-friendly because of ground-level access and simple plug-in connections. This makes the exchange simply faster.

- High operator-friendliness
- Faster changing
- Increased safety



Efficient MSK technology

A special MSK mixed air system heats the film precisely and gently. This preserves the film's elasticity and fatigue resistance. MSK heat recycling thereby ensures optimal energy efficiency. We offer 5 years of warranty for our **maintenance-free MSK burners**.

- Heat recycling ensures **energy efficiency**
- Gentle film heating with **low temperatures**
- Film's elasticity and fatigue resistance are preserved
- MSK has built more than 3,000 shrink frames



MSK under-shrink method

The original

The internationally established under-shrink method, originally developed by MSK, uses the full potential of the film's elasticity. The result – a load with high stability on the pallet.

For pallets

Pallet dimensions	800 × 1,200 mm 1,000 × 1,200 mm (special sizes on request)
Pallet height	max. 3,000 mm (special sizes on request)

Packing material

Film types	PE gusset side film 27 – 120 μ
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Machine

Standard performance	Up to 80 pallets per hour
In-line system	Above 100 pallets per hour
Power supply	3 × 400 V
Air supply	6 bar
Air consumption	Approx. 50 l per pallet
Energy consumption	< 0.1 kW per pallet
Gas consumption	Depends on pallet size and film thickness (approx. 8 % of film costs)
Weight	2,030 – 3,500 kg (depends on machine layout)

Machine dimensions

Standard heights in mm at a conveyor height of 600 mm

Pallet heights in mm (H)	Standard heights in mm (S)
1,400	4,700
1,800	5,100
2,200	5,500
2,600	5,900
3,000	6,300

