MSK Tensiontech
Fully automatic stretch hood machine

MSK COVERTECH-GROUP

Your benefits at a glance

☑ Great display effect with excellent protection against moisture and dirt

☑ High flexibility in packaging, also for future product sizes

☑ Cost savings from using thinner film

☑ Small footprint and less energy consumption due to compact construction

☑ Easy maintenance due to lowerable machine head

MSK stretch system

The film hood can be stretched individually for all pallet/product sizes to any longitudinal and transversal coordinates. This enables the use of thinner film and the packaging of various pallet and container sizes. The patented MSK Vertical stretch thereby increases the load stability. The products are protected on five sides against moisture and dirt and are perfectly visible at the same time.

Lowerable machine head

The machine head can be lowered to ground level. Maintenance of the machine head becomes easier and faster in this way.

Easy exchange of film rolls and welding bar

Very operator-friendly because of ground level access and simple plug-in connections. This makes the exchange simply faster.
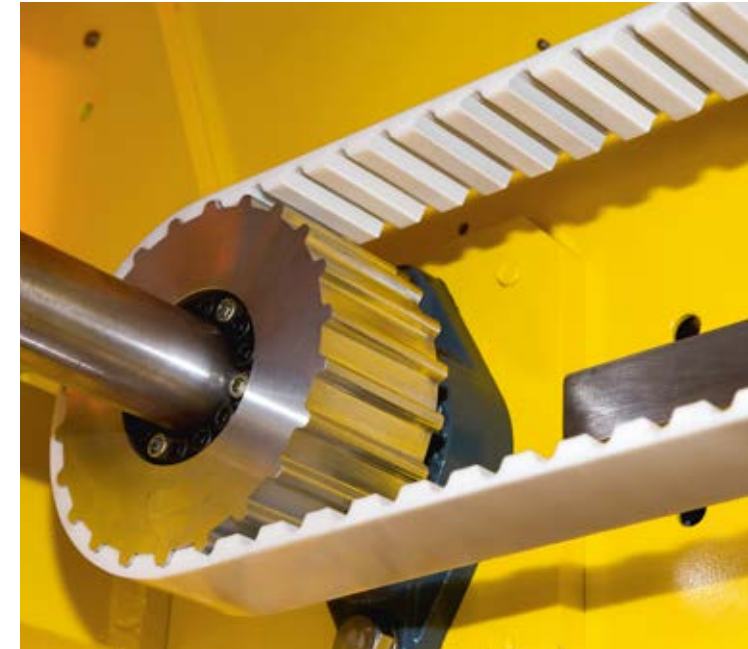
Special MSK process for reliable welds

By using a special MSK process, significantly more time is available to create and cool down the weld than with conventional machines. The result – tight hoods with reliable welds.

Patented MSK techniques

The patented MSK device for gathering the film **(EP 1 353 847)** and the MSK Vertical stretch **(EP 1 717 148)** have been specifically developed to reduce the film consumption and to increase the load stability.

Tooth belt technology instead of chains

The toothed belt technology used in MSK systems ensures a maintenance-free system with gentle and reliable material handling over the product.

Options
in detail

OPTION

OPTION

OPTION

Multi-format system

Up to four different film formats are handled fully automatically. Thanks to the MSK Coordinate stretch system, any number of hood formats can be achieved, providing high flexibility for varying pallet/product sizes.

MSK Clean-Design

Especially for the food & beverage industry, the machine is available in the consistent MSK Clean-Design.

MSK belt-stretch- / collar-stretch- / under-stretch-system

Belt-stretch: An additional film belt reinforces the load at any critical load height.

Collar-stretch: The film is put around the pallet top board.

Under-stretch: The film is released underneath the pallet.

OPTION

Easy machine operation with MSK EMSY 5.3

With the HMI MSK EMSY 5.3, MSK packaging systems can be operated intuitively via a touch screen and without intense training efforts. This makes trouble-shooting in stress situations or the localisation of spare parts easier.

A picture says more than a thousand words

The clearly structured, intuitive user interface, easily determinable status information and user support for almost all functions of EMSY 5.3 allow reduced training periods for employees and simplified troubleshooting.

Technical
Data

For pallets / products

Pallet dimensions	800 × 1,200 mm 1,000 × 1,200 mm 1,100 × 1,200 mm (special sizes on request)
Pallet height	max. 3,000 mm (special sizes on request)

Packaging material

Film type	Gusset side film Flat tube film

Machine

Performance	Up to 180 pallets per hour (euro / industrial pallets) Up to 240 products per hour (home appliances)
Electric connection	3 × 400 V
Air connection	6 bar
Air consumption	50 l per pallet / packed unit
Energy consumption	< 0.1 kW per pallet / packed unit
Weight	2,280 kg

Machine dimensions

Standard machine heights in mm at a conveyor height of 600 mm

Pallet heights in mm (H)	Standard machine heights in mm (MH)
1,400	4,600
1,800	5,000
2,200	5,400
2,600	5,800
3,000	6,200