

KUPER Packaging technology

Clever packaging solutions

KUPER

Advantages of film wrapping

On their way to your customers, your products have to withstand a lot of stress. To ensure that your products arrive safely and undamaged, sturdy packaging is absolutely essential. Film wrapping is an efficient and cost-saving packaging method. Utilise the advantages of film wrapping.

Advantages of film wrapping

Optimum protection	Protection of the product against dirt, humidity and other external factors during transport and storage.
Highly damage resistant	Film wrapping is characterised by its great damage resistance.
Great visibility	Transparent packages make the packaged product visible, leading to more careful handling of the product.
Safety	The seal on the packaged product guarantees the final customer to receive unmodified new products.
Space-saving	Easy handling and space-saving storage of the packaging material.
Recyclable	Environment-friendly.

Additional advantages of shrink wrapping:

- Fixation of corner and edge protection elements.
- Shift-proof packaging of separate package pieces to form one packaged unit.
- The extremely tight film wrapping of the packaged product provides advantages in handling and storage.

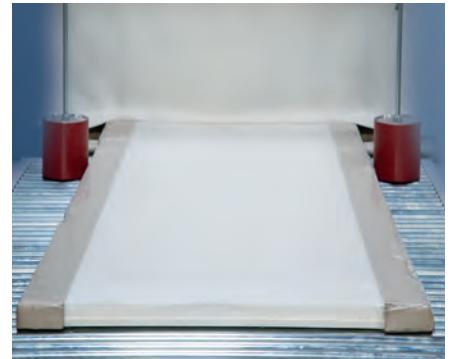
Applications and sectors



Carglass / flat glass



Radiators



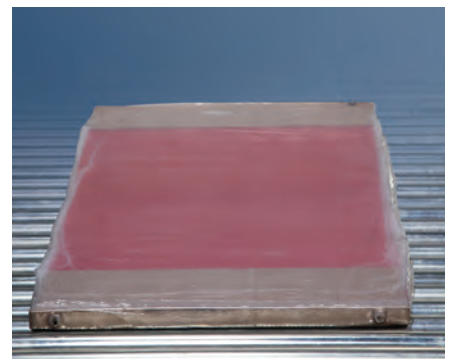
Inside doors



Car tires



Mattresses / box spring beds



Furniture components

Film wrapping machines

KUPER KFL Ergofoil

The film wrapping machine with patented operating concept.



The bottom foil drive with sealing bar and the foil clamping system as well as the pressure beam with foil clamping can be removed out of the working area easily. The platform and the foil lifting device allow ergonomic working.

Your advantages at a glance:

- Ergonomic film change outside the working area.
- Using systems with several stations for different film widths, film change and maintenance work can be done while production is running.
- Reduction of set-up times.
- Larger range of parts with heights up to 1000 mm.



Practical drawer system allows you to change the bottom film outside the working area.

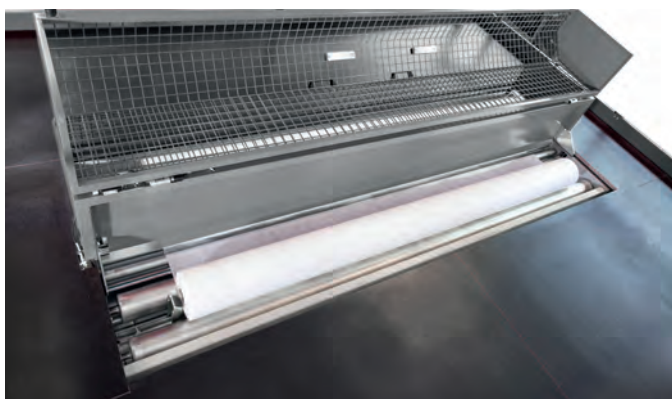


Upper foil drive easily accessible outside the working area due the platform.

KUPER KFE Contifoil



Film wrapping machine KUPER KFE Contifoil with two driven film stations at the top and two drawer systems at the bottom, which can be pulled out of the machine on the side for top feeding. When the end of a film roll is reached, an automatic change to a new ready roll is carried out. While the production is in progress, the used rolls can then be removed and replaced by new rolls. This process enables the KUPER KFE Contifoil to run continuously without stopping for a film change. Infinitely adjustable film tension for relieving the film seam. Double-band sealing seam with cutting blade.



KUPER Contifoil Top Roll

Advantages at a glance:

- Fully-automatic film change by means of sealing and cutting units in the area of the film intake.
- Continuous production with high cycle capacity.
- Film roll change can be carried out while the packaging process is in progress due to the unique KUPER film changing unit.
- High cycle capacity even for large package dimensions and film thicknesses due to dynamic drives, linear axes and timing belts
- Control system Siemens KTP 700 Touchpanel



Drawer system for bottom roll change

KUPER side sealing and cutting machines

KUPER KSST and KSSK

KUPER KSST Side sealing and cutting station - Sealed all-round.

Due to seams sealed on all sides, KUPER packaging machines with a downstream side sealing system ensure secure sealing of the goods to be packaged, such as, for example, mattresses, doors, etc. Ready for dispatch, packaged with or without shrink wrapping.

KUPER KSST (stationary)

Machine for double-sided sealing and cutting of film projections on flat and high packages with different part widths.



KUPER KSSK (continuous)

Machine for double-sided sealing and cutting of film projections on flat packages with different part widths.



Energy efficient shrink-wrapping

KUPER KST Shrink tunnel

Packaging with shrink-wrapping film is a low-cost option for protecting products from moisture, soiling and damage during transport. The KUPER KST is a large capacity shrink tunnel in a solid industrial design for shrink-wrapping film-wrapped products.

The 4-sided air supply with an electronic temperature control in combination with highly effective heat insulation creates an energy-efficient shrink-wrapping result. This machine concept is defined by a low energy consumption, minimum maintenance requirements and exceptional ease of use. Its modular layout provides a high degree of flexibility and many options.



Very good energy balance due to optimised heat insulation.



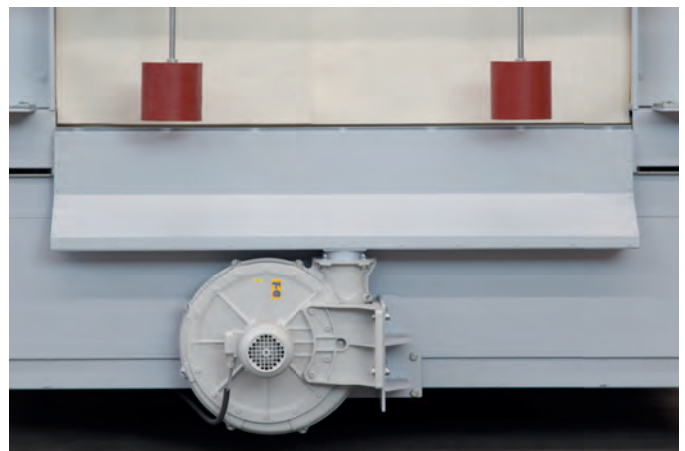
Developed in cooperation with the University of Paderborn



Diverse options are available, e.g.:



Maintenance-free plastic link belt



Package cooling/pressure unit



Raising of the tunnel hood

Advantages at a glance:

- A modular system with many options makes individualised machine configurations possible
- Low-maintenance and user-friendly machine concept
- Modern machine software Siemens S7 with touch screen
- Machine construction "Made in Germany"

From planning to commissioning.

Your requests and aims are our foundation - we develop ideas together with you. Our decades of experience in shrink wrapping makes us the ideal partner to meet any demands in the area of packaging a variety of products.

With KUPER you are on the safe side

We will use a trial machine line to package your products first. At our technical centre, we give you the opportunity to inspect the first results in detail. This means you can see the quality and features of our shrink wrap packaging with your own eyes, as early as the quotation phase.

Numerous options

We use our versatile, modular machine range with its numerous standard options to create an efficient packaging line according to your production parameters.

Customised solutions

Our development team creates intelligent solutions based on your specific requirements.

Customised solutions require intelligence

As system suppliers we design entire projects. For these designs we also use upstream or downstream machine line components of other manufacturers.

The high-performance control system makes our packaging lines easy to integrate into the overall concept.

Solid mechanical engineering – Made in Germany

We use high-quality components to build your machine line in our factory.

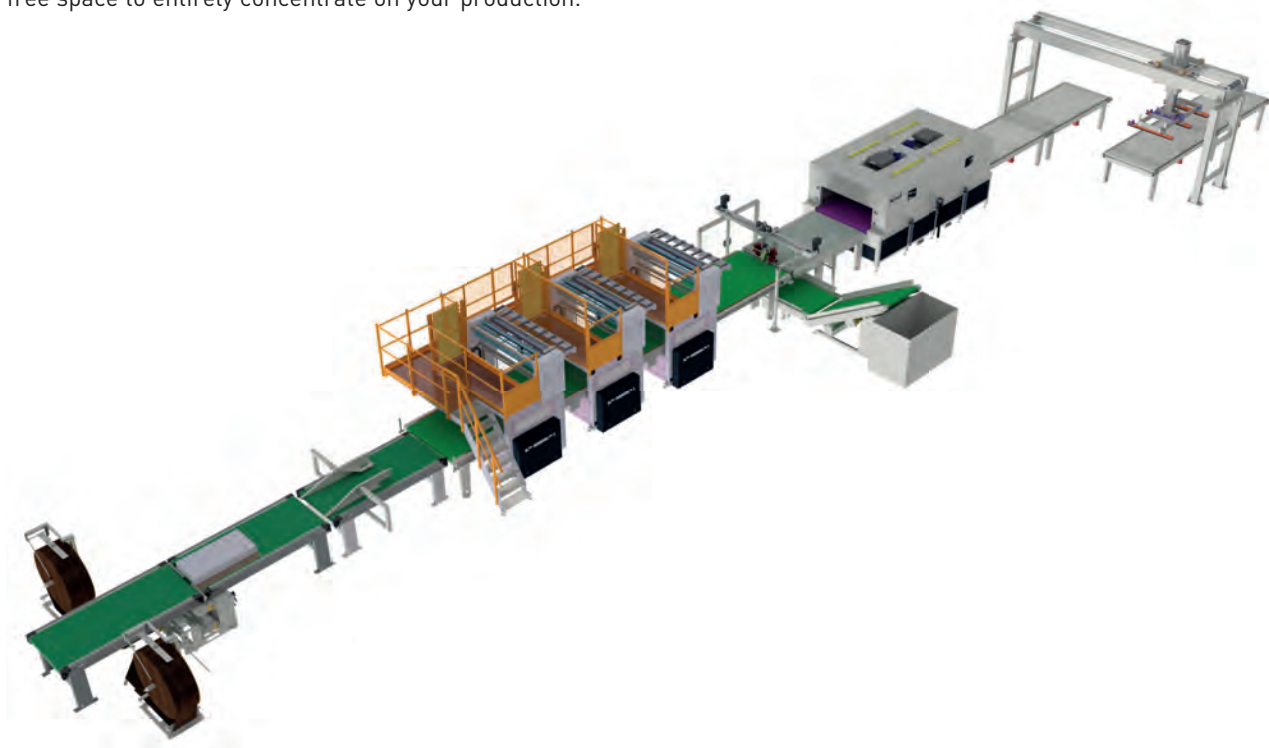
A matter of course for us: Preliminary acceptance according to the agreed performance data.

Service

Of course, we continue to be available for you after commissioning. Our experienced service team will give you comprehensive support with all the important services crucial to extending the operating life of your machine line.

Your advantages

Fully automatic KUPER packaging lines handle your packaging requirements. You will save resources and create free space to entirely concentrate on your production.



KUPER at a glance.

We develop, produce and sell high quality machines and production lines for manufacturing and the skilled trades.

Name: Heinrich KUPER GmbH & Co. KG
Head office: Rietberg, North Rhine-Westphalia
Size: roughly 240 employees

This is KUPER:
an internationally successful medium-sized group of companies

KUPER Retail Centres:
Rietberg, Korbußen/Thüringen, Berlin
Service-center Freiburg/Breisgau, sales office Russia

KUPER Competencies:
woodworking, packaging technology, service & used machines

The KUPER Perfect Plus:
KUPER does more! Qualified service features, consultations, individualized operational planning, financing, project planning and training concepts.

More infos about our packaging-machines: www.KUPER.de



Please watch KUPER packaging videos on YouTube



KUPER

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Additional technical data upon request. Illustrations may contain options. Additional components such as control cabinets, safety facilities e.g. may are not be shown.