

LineStretch One

The universal usable machine



The new Way
of Wrapping



Fix. Wrap. Pack.



Machine highlights and equipment:

- ✓ The execution of the **linear system** is individually adjustable to suit the **project requirements**
- ✓ Depending on the process, the dimensions of the product to be wrapped are measured **independently** before the packaging process or supplied in digital form
- ✓ The **PLC independently calculates the optimal path** around or through the product
- ✓ Any changes made to the outline of the product are automatically taken into account
- ✓ The **tension of the wrapping material** can be altered throughout the wrapping process
- ✓ The processing parameters are entered via **operating panel** or externally via **interface**
- ✓ The wrapping material is **automatically** handled and cut
- ✓ Automatic **film break** and **end detection**
- ✓ A **fully automatic wrapping** material change is available as an option



Technical updates:

The LineStretch One is a patented new development. The previous application boundaries determined by the machine solutions currently available on the market are going to be superseded by the LineStretch One. These machines can be individually designed to meet with the product dimensions and requirements.

The following product characteristics are highlighted:

- ✓ Coil processing (**wrapping through core of roll**), is also possible with smaller core diameters
- ✓ The dimension dependency between the product-diameter, product length /-width does **not lead to any restrictions**
- ✓ The optimal wrapping path of the wrapping-material-roll around the product outline, allows for an **even wrapping tension** and **wrapping material stress**
- ✓ **The system is designed to handle the dimensions of the largest product** which would require wrapping. Smaller product dimensions can be equally processed without any restrictions or loss of quality in the packaging of the product
- ✓ The system is **universal** and therefore **can be used for diverse applications:**
Coil-processing and individual coil sections mounted either core opening upwards or core opening side facing, flat products, flat packs, cuboid product packages, products on pallets, etc.

Suitable transport- and handling-technology for the application, as well as a material-roll-change-system etc. can be integrated as an optional extra.

Supported by:



on the basis of a decision
by the German Bundestag

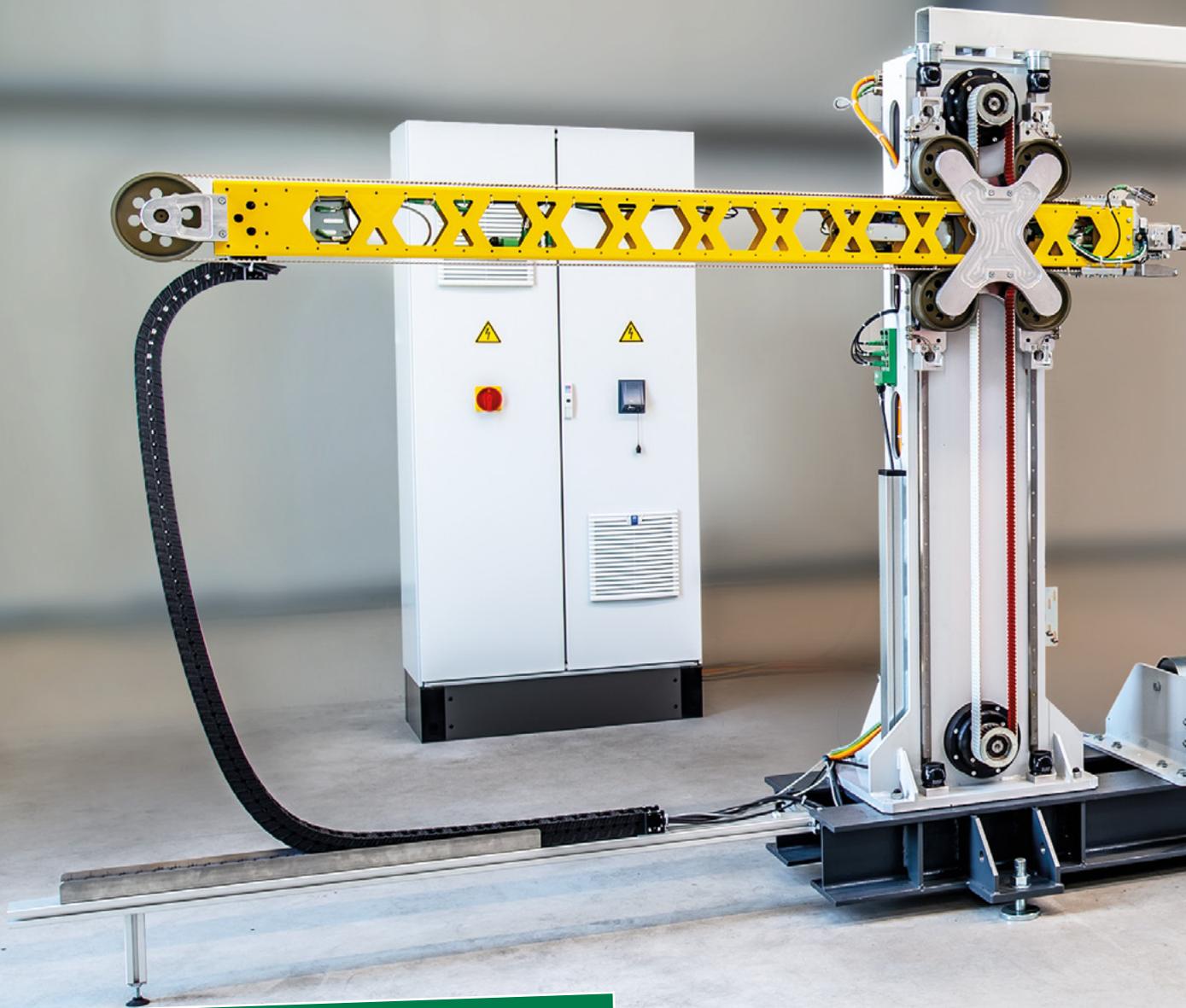
LineStretch One

Patented and CE-conform

The LineStretch One is a universal wrapping machine, usable across a multitude of industries.

All information in web under: LS1.wrapsolut.de

LineStretch One – the new Way of Wrapping



The execution of the transport system is adjusted in each case to meet the project requirements



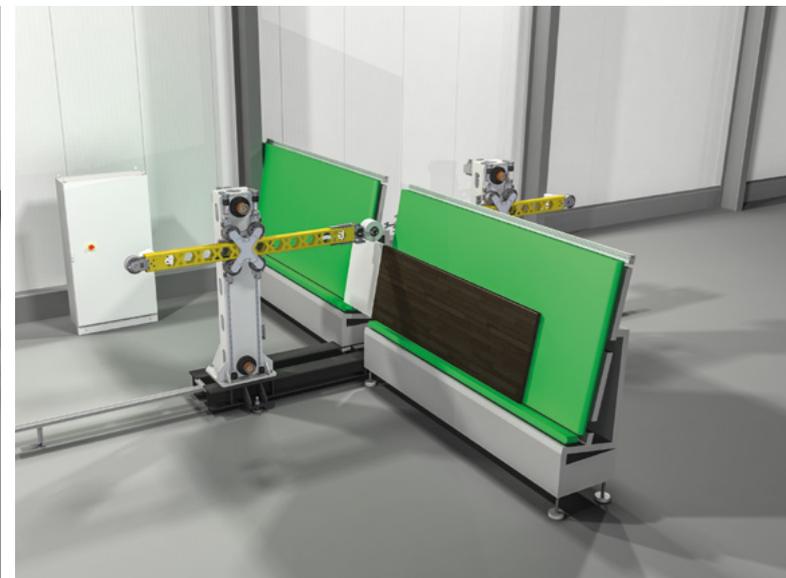
The system is flexible in use



Possible use for slit strip coils, vertically mounted on the transport system



 LineStretch One in action (film):
LS1.wrapsolut.de/film



Possible use for flat products,
vertically mounted on the transport system



Possible use for sheet-metal stacks,
flat mounted on the transport system



Machine description

We would like to introduce the market to the newest addition in our portfolio, which complements our current winding machines. **A true innovation: The LineStretch One.**

Machine use:

Wrapping machines are used in the industry for the application of a protective material, which guards against corrosion or transport damage. Furthermore the material can also be used in the commissioning process of multiple items. Some of the machines currently available on the market for this sector are working at their absolute limit. Unsuitable product dimensions and geometry as well as customer requirements demand the availability of new technology.

The technology offered by the LineStretch One is no longer confined to predetermined winding paths as can be found in a Ring- or Shuttle system.

The LineStretch One has two linear systems positioned opposite each other. The axes of the linear-system travel in both horizontal and vertical directions. A gripper is mounted on both systems which enables the handing over of the roll material from one system to the other.

The result of which is a system capable of transporting the wrapping-material-roll along **freely defined paths** around or through the product, in spite of the linear axes reaching its boundary of travel.

The main area of use for the LineStretch One is in the Steel, Aluminium, Plastic and Cable industries with focus being placed on all industrial branches which manufacture coils, slit strip coils and bundles.

- ✓ Coil processing and slit strip coils (**wrapping through core of roll**), also possible with small core diameters
- ✓ **Wrapping of wide, flat and small products**

The execution of the linear system is individually adjusted to suit the project requirements



Applications and areas of use

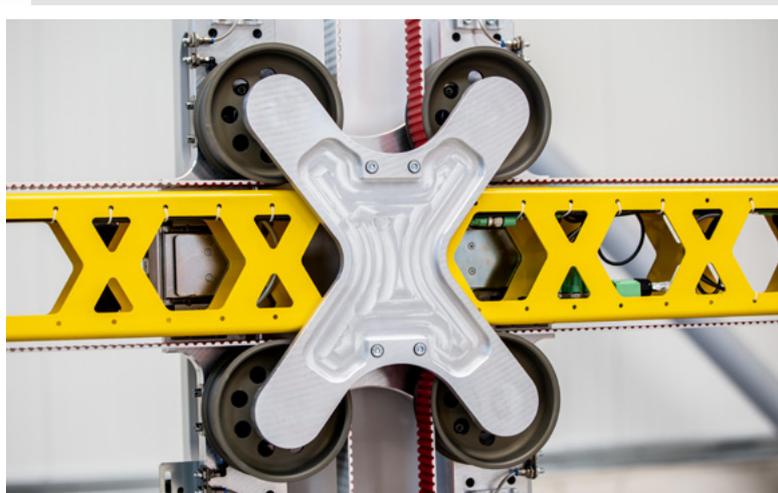
- ✓ Wrapping materials such as Stretch- and VCI films, Nonwovens and Crepe paper
- ✓ Integration into every production line in accordance with your wishes
- ✓ Complete solutions including transport- and handling technology for your packaging needs
- ✓ Adjustment of the material path (wrapping) of the different product formats
- ✓ Wrapping possibilities for upright products plus solutions for their transport



Our individual solutions for your branch:

- ✓ Technical advice and project support
- ✓ Machine design
- ✓ Control development
- ✓ PLC-programming
- ✓ Machine manufacture and installation
- ✓ Delivery, Commissioning and Instruction
- ✓ Reliable, quick service and spare part supplies

All machines from Wrapsolut can be used inline. More info under www.wrapsolut.de



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