



Lachenmeier Stretch Hood **X1**

Innovation knows no boundaries...



Lachenmeier Stretch Hood

Reduced electrical consumption

40% less than previous models.

Reduced size

Regain expensive production floor space.

Reduced weight

Machine weight reduced by more than 20%.



With our sharp corner patent, US 7,040,706 B2, we eliminate thin and fragile film on the corners of the load, keeping the film approx. 30% thicker than without using the system.

Simplicity, sustainability and innovation have been the leading principles in the development of the Multi FleX1 stretch hood wrapping machine.

A purchase now more than ever is being based on the lowest cost solution providing the optimum product integrity at the optimum cost-performance ratio.

Lachenmeier Stretch Hood

The Multi FleX1 offers a high level of flexibility in the multiplicity of load sizes which can be wrapped in one machine. The machine is capable of wrapping products from 400x400 to 1400x1400 mm.

The Lachenmeier Multi FleX1 stretch hood machine probably runs with the highest known capacity of 250+ loads per hour.

Like all Lachenmeier stretch hood machines, the machine is characterized by the simple and maintenance-friendly film feed device, the unique vacuum/mechanical film opening system, the hydraulic stretch units, and the encoder-monitored film application providing a visually optimal application of film.

The machine handles various qualities and thicknesses of films from 20 - 200 micron.

Our extensive knowledge of film combined with our high quality machines allow us to provide the optimum solution where machine and film fit together.

Lachenmeier is machine, film, service – all wrapped up in the smartpack concept.

Lachenmeier
smartpack

Multi FleX1



Suction boxes

Move down the top of the machine to the desired service height.

Reduced air consumption

Air consumption reduced by more than 25%.

Knife and sealing bar

Easy replacement at floor level.

Film change

At floor level.
No waste of film.

Multi FleX1

Reduction of various consumptions

Due to our many years of experience in the film packaging industry, we know how to select the right quality and thickness of film for each specific product – allowing you to reduce film consumption without compromising with load stability.

Now more than ever it is vital to lower costs, to reduce consumables, and to respect the environmental impact of our industry.

In the Multi FleX1 we have reduced the electrical consumption considerably. We have reduced the consumption of compressed air, as well as the overall weight and size of the machine have been reduced extensively, by which we have obtained considerable savings leading to improved sustainability.



Sustainability

Sustainability in packaging has been one of the leading parameters in the development of the Multi FleX1. Our aim is to deliver solutions with speed and efficiency, reducing costs and environmental impact.

Check out how to obtain sustainability in packaging with Lachenmeier - proven by means of our smartpack sustainability tool.

Reusage of energy

The vertical movement of the frame creates energy. This energy is in conventional machines converted into heat. A more environmentally friendly solution can be obtained if this energy is led back to the supply network through a recirculation device.

Regaining of production space

The Multi FleX1 has been reduced in size both in length, width and height compared to the previous model, resulting in less production floor space and required building height.

Removal of excess packaging material

Remove excess packaging material like corner posts, top sheets, straps, etc. and still keep the perfect load stability at the lowest possible price.

Economy

The production resources are utilized to its full potential as the machine is running with probably the highest capacity known on the market at an efficiency rate of close to 100% – made possible through the perfect match between machine and wrapping film.

Ease-of-use

Simple and easy to operate and monitor. Our intuitive HMI touch data logging system provides customers with simple, useful, actionable information, that in the end helps to drive down film costs, optimize load integrity, reduce unplanned maintenance and increase productivity.

Energy

The electrical energy consumption is 40% less than compared to previous models – down to 0,025 kWh – lower than any other known market model. Savings obtained by our main weight being placed at floor level. No up- and down movements increasing tear on the machine.

Environment

With our top stretch film unwinding system (patent US 7,040,706 B2) you can save up to 10% film and assure low film consumption, thus reduce the environmental pollution.



Bricks



Building Materials



Insulation



Food Products



Chemicals



Corrugated



Empty Containers



Beverages



Horticulture



Minerals

Lachenmeier Stretch Hood

Lachenmeier supplies stretch hood packaging to various industry segments, ranging from appliance products, palletized goods from the beverage and food industry, bags filled with products from the building and chemical industry, bricks and blocks to commissioned products for the retail business.

Lachenmeier expands as a consequence of our customers becoming more global. Constantly, we add new products, technologies and services to our product range. Today, we have subsidiaries all over the world and a wide network of agents and distributors spread across all continents.

At floor level

Simplicity and Innovation

Simplicity and innovation are reflected in the patented top down system in the machine (US20090272080 A1). This system allows for the film feed device to be moved down from the top of the machine, and there is no need to use a ladder to climb the top for service and maintenance. Also, no need to stand on the conveyor for service due to our integrated platform. Every single service or maintenance job on the machine can be carried out at floor level. A one tool job.



Film change

The film feed device is simply moved down to film change position. No waste of film.



Knife and sealing bar

Select film knife/sealing bar in the OP-panel and the film feed device will move to the right position for easy replacement.



Suction boxes

No need to carry tools and spare parts to the top of the machine. Simply move down the top of the machine to the desired service height.





Main office

Lachenmeier – Fynsgade 6-10 – 6400 Sønderborg – Denmark
Tel. +45 7342 2200 – Fax +45 7342 2210 – info@lachenmeier.com

Subsidiaries worldwide

Germany	Lachenmeier	Tel. +49 (0700) 7342 2200	info-de@lachenmeier.com
UK	Lachenmeier	Tel. +44 (0161) 205 3666	info-uk@lachenmeier.com
USA	Lachenmeier	Tel. +1 (877) 859 7205	info-us@lachenmeier.com

www.lachenmeier.us