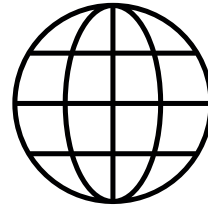


RoRo Stretch Pack®:

Support your sustainability goals



Correct packaging protects your products and prevents resource waste because of damaged products during storage and transport. At the same time, the packaging itself and its environmental impact must be reduced to a minimum.

RoRo Stretch Pack® protects your products optimally with minimum usage of PE-film and energy consumption. It supports your sustainability goals.

Supports the UN SDG

Using RoRo Stretch Pack® you will not only reduce your environmental impact. You are also supporting several targets within these UN Sustainable Development Goals:

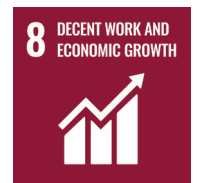
- **UN SDG 7 Affordable and clean energy**
- **UN SDG 8 Decent work and economic growth**
- **UN SDG 9 Industry, innovation and infrastructure**
- **UN SDG 12 Responsible consumption and production**

Supporting the UN Sustainable Development Goals can also help you develop a more attractive business for both customers, employees and other stakeholders.

Read more about the UN Sustainable Development Goals: <https://sdgs.un.org/goals>



Improving energy efficiency



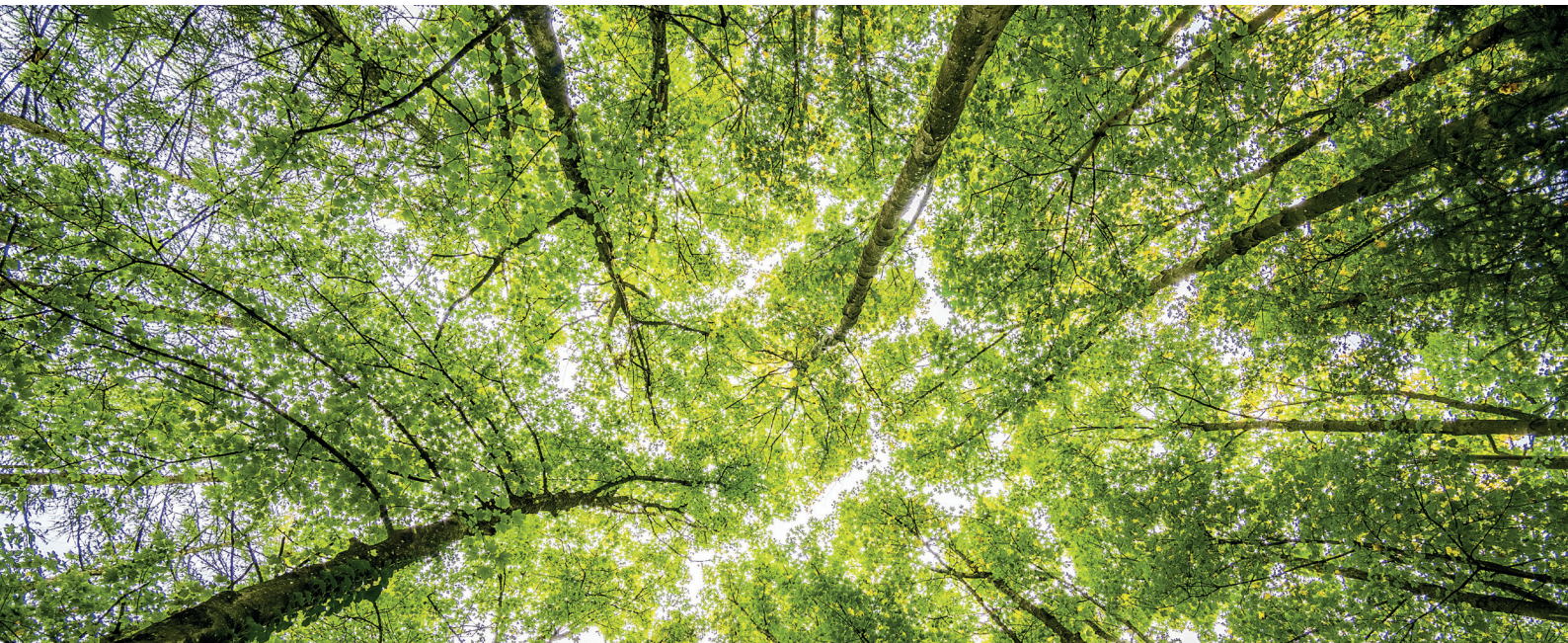
Improving production and growth



Reducing carbon footprint



Recycling and reducing resource consumption



Energy efficient packaging solution

Energy efficiency is important in most businesses. Firstly, energy is cost, which means that energy savings will strengthen your bottom line. Secondly, energy savings influence your carbon footprint.

Reduce energy consumption by up to 90%

RoRo Stretch Pack® performs a cold packaging process where packaging and sealing automatically are done in one operation. This makes RoRo Stretch Pack® a very energy efficient packaging solution. Most significant is the energy-saving compared to heat shrink packaging because it is possible to remove the energy-consuming heat shrink tunnel from the packaging line.

A heat shrink tunnel typically has an energy consumption of about 150-200 MWh/year. This corresponds to a saving in energy by up to 90% on the total packaging line, when it is replaced with a RoRo Stretch Pack® machine. It is a significant improvement in energy efficiency.

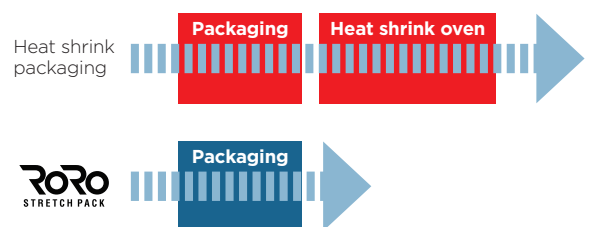
RoRo Stretch Pack® has a low energy consumption which is estimated 0.05 kWh per one packed unit (depending on product size). There is only a low stand-by consumption between the packagings.

UN Sustainable Development Goal 7

Improved energy efficiency supports target in UN SDG 7: **Affordable and clean energy** with these benefits:

- Low energy consumption - approx. 0.05 kWh per unit
- Energy-savings by up to 90% compared to heat shrink
- Only energy consumption when packaging
- Lower energy consumption reduces your carbon footprint

Packaging and waterproof sealing in one - or two operations



RoRo Stretch Pack® performs a cold packaging process where packaging and sealing are done in one operation.



Improve packaging capacity and working environment

You can use automation of your packaging processes to obtain higher output capacity, better efficiency, better working environment and cost reduction. Growth in your business requires that all parts of your production line are aligned and fully utilized.

A future-proof packaging line

RoRo Stretch Pack® enables automated packaging of a wide variety of products including long products up to 8 m+. This provides your business with two main benefits:

Firstly, you have the opportunity to increase your packaging capacity and to prepare it for future growth. Secondly, you remove labour-intensive and physically demanding work from your packaging line. It will improve the working environment for your employees and make your company a more attractive place to work.

For the sake of both the production capacity and the working environment, a RoRo Stretch Pack® can advantageously replace a conventional packaging solution. Two examples: 1) Avoid the low film capacity and frequent stop for film changing on a stretch wrapper. 2) Avoids the demanding work of maintaining a hot and potentially flammable heat shrink oven.

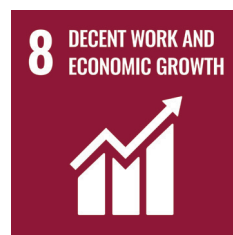
UN Sustainable Development Goal 8

Automated packaging using RoRo Stretch Pack® supports targets within UN SDG 8: **Decent work and economic growth** with these benefits:

- Labour-intensive manual packaging can be automated
- Remove repetitive and physically hard work
- Increase packaging capacity and remove bottlenecks in the packaging line
- Eliminate the maintenance of a hot and potentially flammable heat shrink oven
- The RoRo Stretch Pack® technology will lower operation and maintenance costs



RoRo Stretch Pack® enables automated packaging of even larger products to increase production capacity.



Upgrade your packaging line and reduce carbon footprint

One of the main challenges in the fight against climate changes is to lower carbon emissions without compromising growth, production quality and convenience. One of the ways to do that is to utilize innovative technologies which required lower energy-consumption.

Direct and indirect energy savings

As a consequence of reduced film- and energy consumption, RoRo Stretch Pack® is an innovative packaging solution which contributes to a reduction in your carbon footprint.

The tight packaging provides reductions in film consumption by up to 60%. It leads to an equivalent reduction in energy consumption for the production of film per packaging.

Depending on your current packaging solution, you will also gain energy savings by upgrading your machinery. If you replace a heat shrink packaging line with a RoRo Stretch Pack®, the energy-saving may turn out to be significant. In some cases, customers have energy savings by up to 90%.

UN Sustainable Development Goal 9

Reduction in your carbon footprint using RoRo Stretch Pack® supports targets within UN SDG 9: **Industry, innovation and infrastructure** with these benefits:

- Your production line will be more sustainable with increased resource-use efficiency
- The RoRo Stretch Pack® will reduce your film consumption by up to 60%
- The RoRo Stretch Pack® will in some cases reduce your energy-consumption by up to 90%



With RoRo Stretch Pack®, you can upgrade your packaging line to lower your carbon footprint.



Responsible production by utilize film-saving packaging

If you want to protect your products against contamination of dirt and moisture, PE-film packaging is often the best solution. It is an effective way to reduce the risk of damaged products before they reach customers. Hence the correct film packaging minimizes your resource consumption.

However, PE-film is also a resource which you should use wisely to minimize the environmental impact.

Reduce film consumption by up to 60%

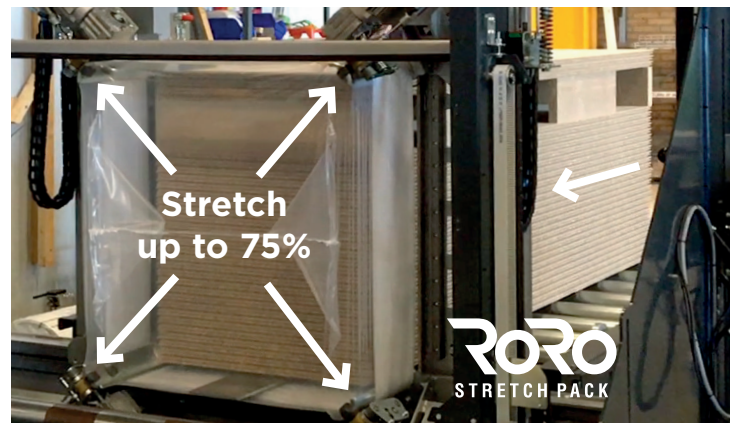
One of the main benefits of the RoRo Stretch Pack® technology is how a tubular PE-film is being stretched before packaging. A tubular PE-film smaller than the product is stretched and provide a tight packaging of the product. The tight packaging provides significant reductions in film consumption. In customer cases, we have seen film-saving by up to 60% or more compared to conventional packaging solutions (orbital wrapping, heat shrink, stretch wrapping).

The tubular PE-film is 100% recyclable. Currently film-suppliers are introducing film based on fossil-free bio-polyethylene, and also film containing up to 50% recycled materials.

UN Sustainable Development Goal 12

The film-savings supports targets within UN SDG 12: **Responsible consumption and production** with these benefits:

- Film-consumption can be reduced by up to 60% or more
- Minimal film waste in production since the film rolls are emptied 100%
- Reduction in film to be handled by the end-user
- The tubular stretch film is 100% recyclable
- A tubular stretch film based on fossil-free bio-polyethylene are available
- Tubular stretch film containing up to 50% recycled materials is available - this ratio is increasing
- 100% waterproof packaging prevents damaged products (reduced waste)



Stretching the film tube when packaging enables significant film-savings by up to 60%.

