

H. BOHL

TRAY - PACKAGING



Fixing on product-carrier by stretch wrapping

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As one of the early pioneers of producing wrapping machines, H. BÖHL began at the end of the 90's also successfully with the construction of tray-packaging-machines.

The first prototypes were advanced in the meantime to high-efficiency machines which contribute to save our customers packaging costs worldwide.



The advantages at a glance:

- Reduction of the carton range
- Lower effort in purchasing
- Lower stock keeping
- Lower (or even no) addition of filling material required
- Optimization of packaging flows with simultaneous high packaging quality
- Increase of the packaging performance
- Improved packaging standard
- Automatable process
- Increase of the packaging capacity (larger quantities get to shipping)

You want further reduction of your packaging and shipping costs?

Our solution:

Using Tray-Packaging = Fixing on Product-Carrier by Stretch Wrap!

What does it mean and how does it work?

By using transparent stretch film e.g. technical components or sensitive goods of all kind will be tightly, but absolutely product gentle, wrapped on trays of stable carton, plastics, wood (chipboard ESP) or metal.

This tray along with the wrapped product will be inserted by hand or by a handling system exactly into the outer carton box, which afterwards will be closed transport safe with adhesive tape or strap.

By using tray-packaging you reduce the range of carton boxes and the order processes in your purchasing department also your stock of packaging materials will be reduced. There is a huge saving for filling materials and you can increase distinctly your packaging performance.



Furthermore your products get a uniform packaging standard and increase the packaging capacity. And that all with a very high packaging quality!

Therefore extensive material and time savings can be achieved and more packaging units will be provided to the shipping department in shorter times.

...fixing on product-carrier by stretch wrapping

The Machine Program

H. BÖHL tray-packaging machines guarantee perfect product protection, fast packaging and low costs. The machines allow maximum flexibility with easy handling. The energy consumption is very low because no thermal treatments are used. Generally tray-packaging is suitable for low and high volume production as well for chaotic changing package in highly diverse industries.

Our product range contains machines for trays from 450 up to 1,200 mm (wrapping diagonal). The machines can be used as standalone unit and also in fully automatic production lines.

Numerous of options give the possibility to operate the machines for almost all customer requirements.

So the machines can be equipped with e.g. automatic tray-dispenser which allows an automatic feeding of up to three different formats.

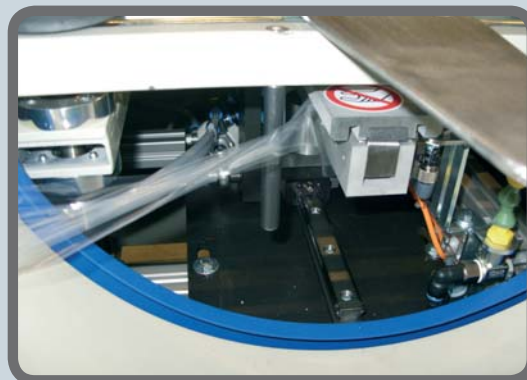
The machines are equipped with an automatic and cutting and clamping unit in flush-cut design. This has the advantage that no odor nuisance during the cutting of the film appears as it is the case with conventional heated filaments.

The Technology

- Automatic cutting and clamping unit for the packaging material
- Automatic motor driven product feeding, Frequency controlled
- Adjustable wrapping ring speed, Frequency controlled
- Electrical height adjustment of the wrapping unit
- Continuously variable film tension/strain
- Quick-change unit for wrapping material coils (without auxiliary tools)
- PLC controlled
- High performance machine for standalone and integrated operation
- Automatic tray dispenser available on request



Automatic tray dispenser (option)



Automatic cutting and clamping unit



Packaging example

Packaging materials:

- PE stretch film
- Width: up to 125 mm
- Core-Ø: 76 mm
- Roll-Ø: up to 220 mm
- Film thickness e.g. : 10 - 50 µm



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The machines all conform to CE guidelines and have been designed using the latest technology and design criteria for industrial use.

(The company reserves the right to make technical changes without prior notification)