



PROBAND V & PROGREEN

Flexible banding with
quick-change frame & eco-option

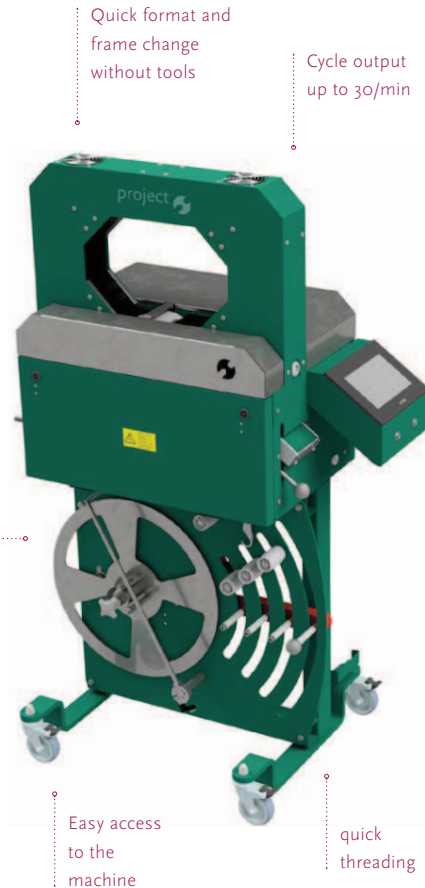
PROBAND V2000

Simple, environmentally friendly banding

The PROBAND V2000 is a flexible solution that masters everything from a stand-alone application to fully automated banding machines.

Companies at home and abroad are already firmly convinced by the capability of our all-round solution. A display with pictogram navigation makes the PROBAND V easy to operate, and its modular design facilitates modification and maintenance. It is also suitable for a variety of our PROGREEN paper bands and plastic banding material.

Whether pharmaceuticals, logistics, textile industrie, food, wood processing, agriculture or the printing sector are involved, application areas for the PROBAND V are extremely varied.



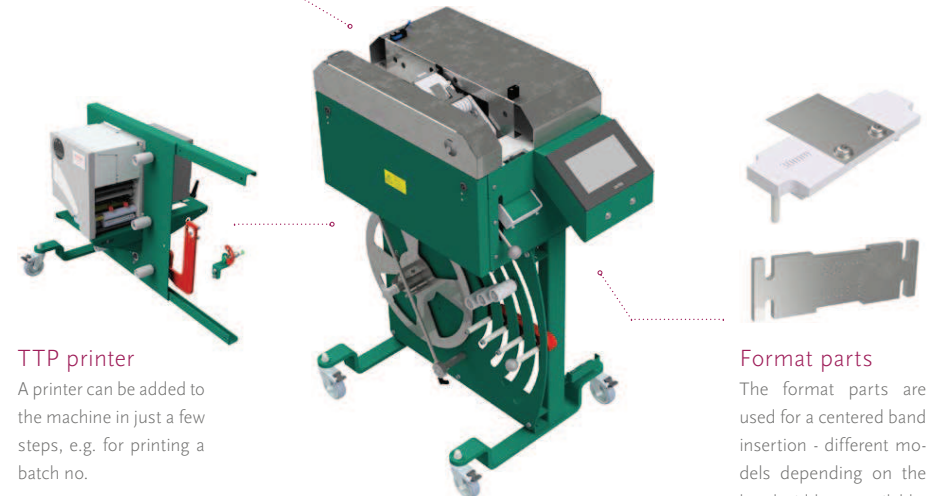
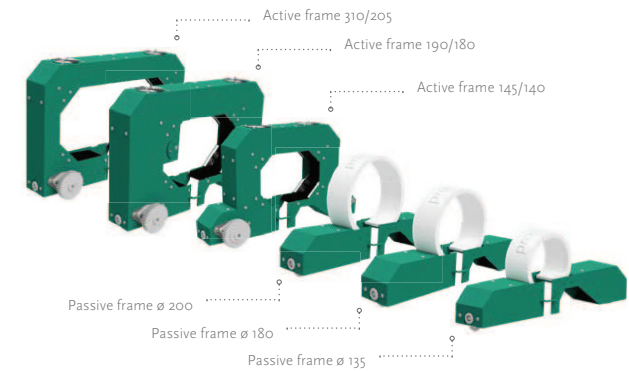
Machine	Working Height	Height adjustable	Cycle output	Sealing process	Band width	Band thickness	Work mode
PROBAND V2000	Approx. 980 mm	+ 300 mm	Up to 30/min	Ultrasonic	25 – 60 mm	» Foil: 125 – 170 µm » Paper: 80 – 125 g/m²	» torque » fix length » combined

Frame changing in a matter of seconds

The modular design of our machine allows you to assemble the machine modules to address your current requirements. PROBAND V can also be equipped after purchase for new or additional tasks with a variety of frames, format parts and TTP printers.

Quick-change frame

The six active and passive frames can be exchanged to fit your product size without tools.

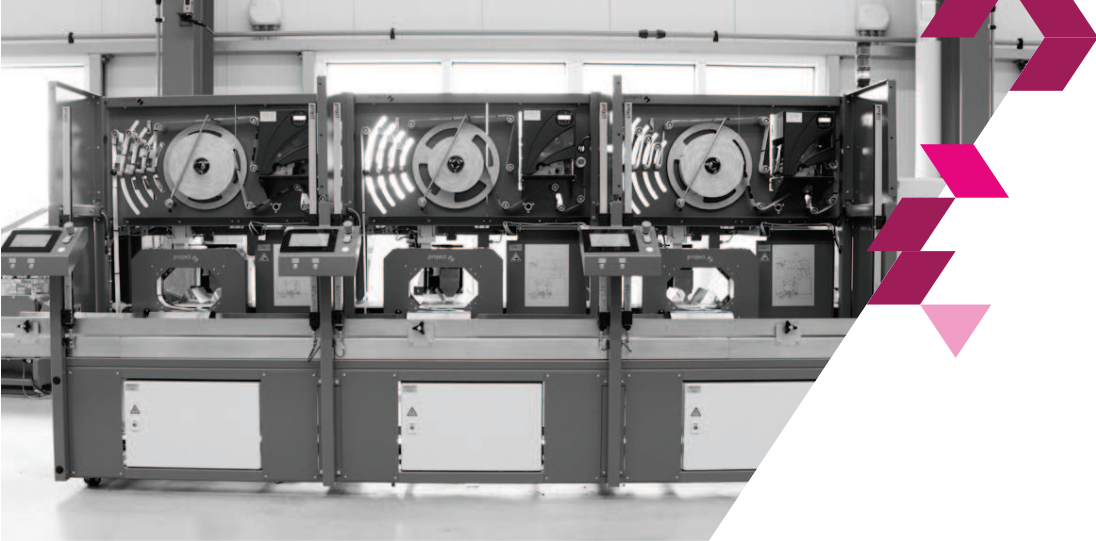


TTP printer

A printer can be added to the machine in just a few steps, e.g. for printing a batch no.

Format parts

The format parts are used for a centered band insertion - different models depending on the band width are available.



Automation made to measure

Easy integration in existing production lines

If you are interested in the PROBAND V, but would like a fully automated banding solution, then we are the perfect partner for you! Automation is our business – and has been for over 30 years.

On the one hand, we provide a standardised automation solution with the PROBAND V2000L that transports products automatically on a conveyor belt into a banding bend, triggering the banding process. The products can then be fed on to further packaging and loading processes following banding.

We also develop entirely individual machine designs, specially tailored to meet customer requirements. Working closely with our project Automation & Consulting engineering colleagues simplifies these processes and ensures that customers enjoy the benefit of a one-stop shop solution.



Paper and foil bands

The best packaging waste is waste that is never generated. Second only to this are intelligent solutions that minimise material requirements and, in a best-case scenario, use environmentally friendly banding materials. Whether plastic or PROGREEN paper material, unprinted or with up to 12 printed colours, narrow widths or up to 120 millimetres, banding materials from project Service & Produktion address a variety of needs.



Unprinted banding material - paper and foil materials in various widths

The classic solution: foil banding material

Whether you are looking for a classic foil solution, or would like to use foil laminate, we have the right material for you. We provide a broad range of different materials, that can also be used for special challenges such as moist products.



Printed banding material - paper and foil materials in various widths

Environmentally conscious: PROGREEN paper banding

Eco-friendly packaging is already very relevant today for both manufacturers and retailers, as consumers are increasingly conscious of the ecological aspects associated with packaging, particularly with regard to the organic food segment. With PROGREEN, we can provide you with excellent quality paper banding material that, as waste paper, is 100% recyclable. This is a convincing argument e.g. for organic grocery stores, when it comes to proofing their ecological excellence.



Casestudies of PROBAND V

„PROBAND V aids us as part of a cost-effective gateway to a new product group!“

Carsten Abenhardt

For decades, Abenhardt GmbH & Co. KG, from Datteln (Germany) was primarily identified as an agricultural family business with an international orientation specialising in the cultivation, processing, washing and packaging of carrots. Having previously concentrated on organic products, the business decided to venture into a new product group in 2021, namely Zucchini. However, banding of 2000 tonnes of this vegetable requires a professional solution. Sophisticated technology, excellent service and the PROGREEN option were the three main reasons the family business opted for project as a partner in 2021 – and the success of this decision led to the acquisition of further latest generation models in 2022.

If you ask Carsten Abenhardt about the specific advantages enjoyed during daily use, he points out the following aspects: the ease with which the banding material can be fed in and the intelligent modular design of the machine evident in, for example, the control system with practical pictogram menu navigation.

Automating the PROBAND V ensures higher productivity for an international customer.

Labor shortages do not stop at agricultural businesses either. To counteract this, one of our customers decided to automate the banding process. He focuses on the cultivation and sale of asparagus and the delivery of this product all over Europe. The process had previously employed several people for banding alone, all of them were, great colleagues, because the work needed to be realised very quickly”.

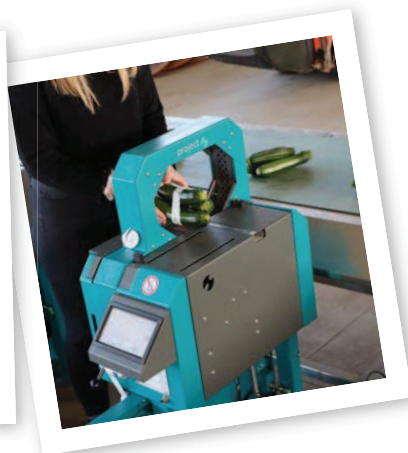
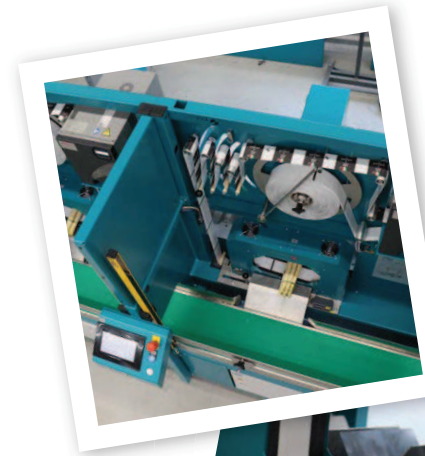
The solution designed by project contributes to a win-win situation, making banding more cost-efficient and freeing

employees to tackle more exciting and, indeed, healthier tasks. The machine was developed to fit exactly with three banding units. Bundled asparagus is transported into the PROBAND V system on a conveyor where it is then banded.

The advantages of the machine: The asparagus is not damaged, a high speed of 45 bundles / minute is maintained, the banding material is 100% recyclable and, last but not least, maintenance is very easy.



Andre Vois | Product Key Account Manager PROBAND V



Professional automation during final packaging

The PROBAND V2000 is only one product in a very broad range based on intelligent packaging solutions. We at **project Service & Produktion GmbH** (located in Kranenburg/NRW, Germany) cover the entire final packaging process chain, from secondary packaging and order picking to the warehouse connection. A modular service package with booking options rounds off this service portfolio. We are recognised professionals for sophisticated automation solutions in the most varied of sectors, including the beverage, food and hygiene industry and the wood, steel, construction, glass, agriculture and paper sectors.

Our product portfolio includes packaging and palletising machinery, banding solutions, handle applicator, conveyor and transportation systems and other systems such as horizontal warehousing used where building heights are limited or to meet other customer requirements.

The portfolio of our affiliate **project Automation & Consulting GmbH** encompasses engineering and consulting services, planning, mechanical and electrical engineering, programming and on-site commissioning. This in-house know-how equips us at project to meet even very specific customer requirements.

Paper from ecologically sustainable and socially responsible forestry
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