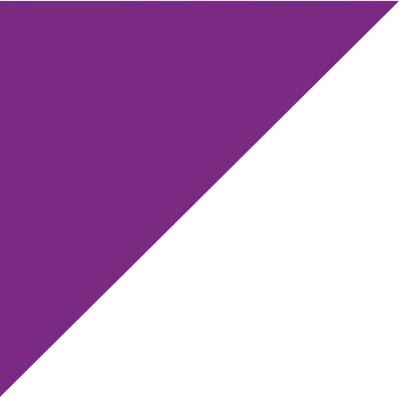
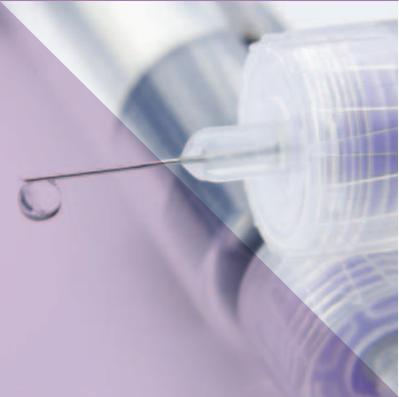
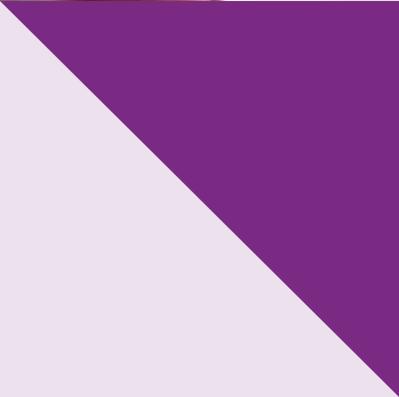
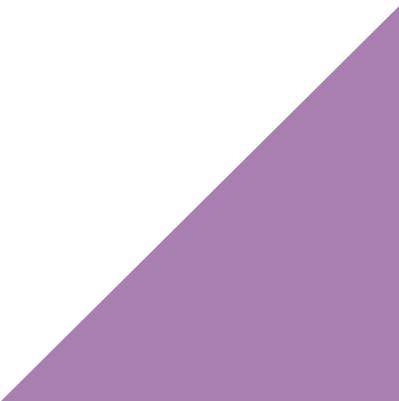




Medical devices  
and healthcare

[www.molinstechnologies.com](http://www.molinstechnologies.com)



# Medical devices and healthcare...

Molins Technologies has developed a wide variety of special purpose machinery for the medical device and healthcare industries, handling processes such as inhaler device filling, ostomy product manufacture, blood diagnostic test-strip processing and the assembly of multiple-component devices.

Significant innovation is key in this industry, and the most successful companies are those which can convert a good idea into a commercial solution quickly and cost-effectively. This is where Molins Technologies adds value. Whether it's a highly-flexible machine for multiple product and pack formats or a more dedicated high-speed automation solution, Molins Technologies is at the forefront of medical device assembly and packaging.

## Products Experience

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- › **Drug delivery devices**
- › **Diagnostic devices**
- › **Inhalers**
- › **Ostomy products**
- › **Wound care products**
- › **Contact lenses**

## Technology Expertise

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- › **Assembly systems**
- › **Robotics**
- › **Web handling and processing**
- › **Micro dosing of powders and liquids**
- › **Blister forming**
- › **Welding, gluing and sealing**
- › **Printing (ink jet, pad, thermal transfer)**
- › **Testing (flow, leak, continuity testing)**
- › **Lasers (cutting, welding, printing)**
- › **Vision inspection**
- › **Packing**



## Global support

Molins Technologies deliver fully-validated machine solutions worldwide. We are experienced in GMP and GAMP 5 requirements and provide our customers with breakthrough performance improvements helping to bring new products to the consumer more efficiently.

# Technologies expertly delivered

## **Web handling technology for medical products**

Molins Technologies has a wealth of experience in the handling and converting of reeled materials. Our engineers understand how materials behave and identify the most appropriate methods for production. We have developed proven processes to convert difficult to handle materials including delicate papers, foils and laminate films for products ranging from blood diagnostic test strips and colostomy pouches to wound care.

Molins Technologies helps its customers to reduce operational costs and minimise waste through innovative solutions for closed loop tension control, active web tracking, accurate registration control, auto-splicing mechanisms and novel priming systems.

## **Automated assembly of healthcare products**

We understand demanding production environments and how automation can be utilised to increase production speeds, reduce costs and improve quality. Molins Technologies has developed special purpose equipment for automated assembly, inspection and packaging of a range of medical and healthcare products such as inhalers, feminine hygiene products, and contact lenses.

We utilise technologies such as robotics for highly flexible product handling or systems for tray loading and unloading, in semi or fully automated production lines. The use of vision systems for product orientation, position verification and precise measuring is often incorporated to solve complex manufacturing problems.

Molins Technologies is also experienced in delivering high-speed continuous motion solutions for intricate processes helping increase throughput and efficiency, whilst maintaining accuracy and product quality.





# **MOLINS** TECHNOLOGIES

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