

**MPS**

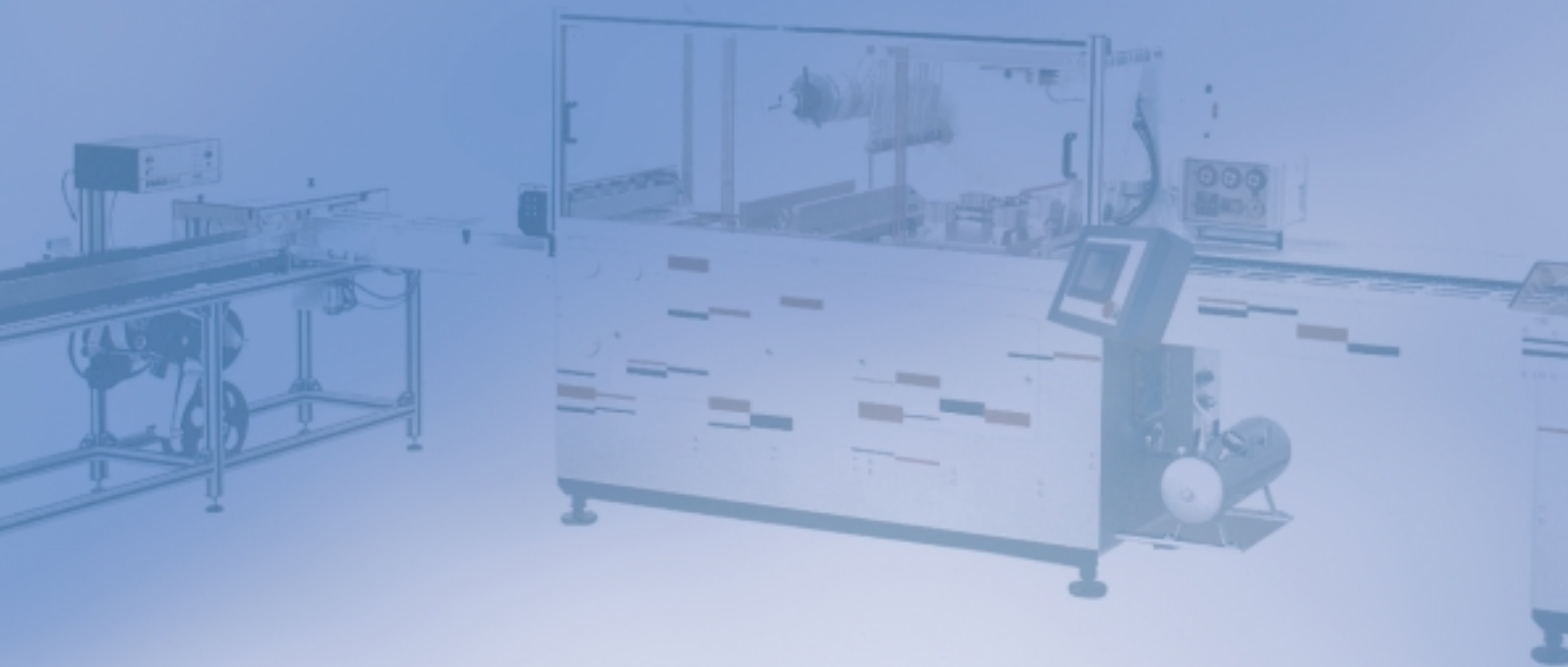


**Packaging**

**Macchinery**



*Experience can not  
be copied...*



# MPS – Thermoform-Fill- and Seal-Machinery

(also called Blister-Packaging Machinery)

is provided with the latest technology for our customers profit!

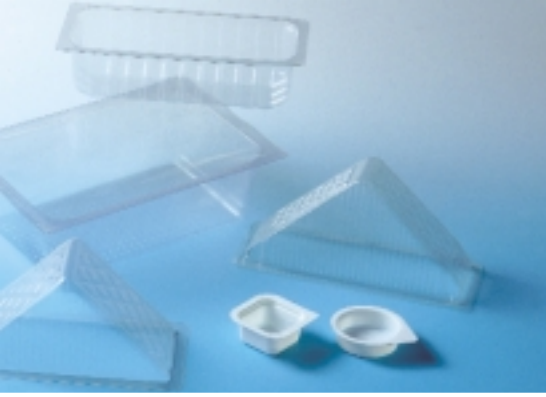
For every application MPS is able to provide the suitable Blister-Packaging Machinery with the right size and performance.

And all these customized standard machines are designed and built according the CE-Norms.

## Machines with unlimited application possibilities

**MPS** has good experience in every sector. If food or non foods, packing with or without vacuum our tremendous knowledge is at hand for everybody's convenience. Especially worth mentioning is our experience in the medical packing sector (i.e. Syringes, Needles, IV-Sets, IV-Cannulas, Catheters etc.), that already covers a large market percentage in far East.





## Hygiene suitable also for Clean-Rooms!

The **MPS**-Machines are built in stainless steel or anodized aluminium. They can be used in every industrial sector in accordance of all laws of hygiene in force.

## These machines will convince you with its performance and quality!

Our collection will convince you in all aspects regarding design, production and support of our blister packing machines with or without optional accessories, such as handling systems for automatic loading, filling or nonstop feeding, we can supply the appropriate equipment. On special demands, a tailor made system will be supplied to fulfil your needs and wishes. You will benefit from over ten years of experience in this market sector and because we design and manufacture all our own components...

*...they fit together like a hand in a glove!*



*Use our many years of experience,  
know how and competence . . .*

**rookie**

**eco**

**perform**

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## Function

The bottom web to be formed is fed into the machine. A gripper chain pulls the web in cycles. The cycles are controlled by a PLC and the chain is positioned by means of a servo controlled motor. Once in the forming station, the web is heated and formed to a blister. During the forming process, the blister is cooled, enabling the web to retain the form which was manufactured to the client's specific requirements. For blisters which require specially strong corners, dies which pre-stretch the web can be installed in the forming station (plug assist unit). The loading zone has a variable length.

Depending on the length chosen, the loading is done by hand, with aid of a handling unit, liquid products by means of a filler (volume); other products by predetermined weight (scales) or a counters (numeric). After loading the top web is added. A simple heat-sealing onto the bottom web at atmospheric conditions can be extended to a vacuum and heat-seal, or vacuum and thereafter re - gassing with different kinds of gases and then heat-sealed. The remaining oxygen content in the blister is below 1%. Arriving at the cutting station, the packs are divided into the desired

quantity. It is possible to cut the blisters into single packs or with perforated cuts leave several packs together to separate at demand. For rigid packs, a die cutting press is used. After cutting, the packs fall onto a conveyor belt. An additional handling unit can be installed to grasp the product with aid of suction. Any additional handling of the product, can now be determined by the customer.

**For operating this machine, less than one operator is required.**

(one operator can supervise several machines at the same time)

## MACHINE DETAILS AND ADVANTAGES

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- |    |  |
|----|--|
| 1  | fully stainless steel construction (also anodized aluminium available)                             |
| 2  | easy operation   |
| 3  | minimum and easy maintenance   |
| 4  | top quality  |
| 5  | perfect reliability  |
| 6  | highest performance you can get on the market  |
| 7  | touch screen operation panel   |
| 8  | latest PLC technology  |
| 9  | vacuuming and/or gas-flushing  |
| 10 | top web forming on request   |
| 11 | high forming quality due to air pressure and vacuum forming  |
| 12 | Höchste Form-Qualität durch gleichzeitige Pressluft- und Vakuum-Formung                            |
| 13 | knee-lever-system allows high forming and sealing pressure for perfect forming and sealing quality |
| 14 | dust free cutting system   |
| 15 | built according CE-Norms   |
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