HAGMANN

Sealing and blister punching machines

for MedTec, Dental, Watchmaking and Food industries

ISO 9001:2008
EN ISO 13485:2012

Swiss Quality Products

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HAGMANN

- Heat-sealing machines for blisters and bags
- Blister punching machines
- Sealing and punching tools
- Documentation with DQ, IQ, OQ, qualification
- Packaging engineering
- Custom blister production
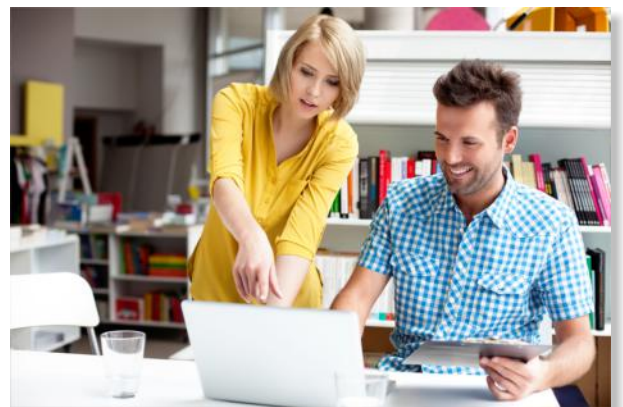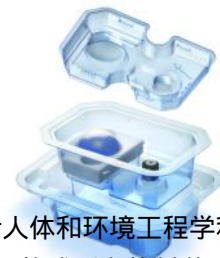- Production of thermoforming dies
- Service

Our heat-sealing and blister punching machines are reliable, of solid mechanical and electrical execution and accordingly stable in their value. All parts are corrosion-resistant or of stainless steel. Our machines are built in conformity with CE standards and can be qualified according to GAMP5. They are manufactured on the basis of our specifications to meet the requirements and wishes of the customer.

Blister packaging solutions

A complete packaging engineering consists of:
- Optimized blister design (ergonomics and logistics)
- Appropriate punching, thermoforming and heat-sealing tools
- Sealing and punching machines suitable for validation
- Standardized blister production process

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Heat-sealing machine MEDIMAT & MULTIMATIC suitable for qualification according to GAMP5

GAMP5   MEDIMAT&MULTIMATIC

The MEDIMAT/MULTIMATIC is a modern, high-capacity heat-sealing machine which offers highest operator convenience. It is designed for use in the clean room. All parameters are open or closed-loop controlled accurately. This ensures that the MEDIMAT/MULTIMATIC seals and welds your packaging products hermetically tight with the precut sealing covers or foils. MEDIMAT/MULTIMATIC

The special advantages

✓ Rapid die change, absolutely simple cleaning of the sealing plate and therefore increased hygiene, also thanks to the sealing head which can be turned by 90°.
✓ Easy saving of programs: up to 50 records can be saved with alphanumeric identification.
✓ Perfect contact between heating and sealing plate thanks to the engaging fastening system with Helicoil thread inserts in the heating plate.
✓ The machine is particularly suitable for use in the clean room.
✓ All surfaces are protected or made from stainless, ground steel sheet, i.e. very easy to clean.
✓ Three solid drawers facilitate the storage of sealing tools, etc.
✓ At option working from the foil reel
· 90°
· 50
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Dimensions: Series 700 700
- Width: 890 mm
- Depth: 1195 mm
- Height: 1797 mm
- Weight: approx. 480 Kg
- Sealing area: 550x350 mm
- Tray depth: max. 130 mm

Technical details
- Control: ABB AC 500
- Sealing force: 5-45 kN optional up to 67 kN
- Sealing time: 0.8-9.9 sec
- Sealing temperature: up to 170° C
- Electrical connection: 3x400 VPNE, 50/60 Hz, max.8 kW (without vacuum pump), fuse 16A
16A

Dimensions: Series 2640 2640
- Width: 1105 mm
- Depth: 1205 mm
- Height: 1770 mm
- Weight: approx. 650 Kg
- Sealing area: 800x350 mm
- Tray depth: max. 130 mm

Option MULTIMATIC   MULTIMATIC
- Equal or negative pressure gassing 2%-50%
2% 50%
- Evacuation: Vacuum of 10%-99%
10% 99%

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Heat-sealing machine POWER PACKER suitable for qualification according to GAMP5

GAMP5   POWER PACKER

POWER PACKER

The POWER PACKER and POWER PACKER XL are modern, high-capacity heat-sealing machines which offer highest operator convenience. They are designed for use in the clean room.
All parameters are accurately closed-loop-controlled. This ensures that the MEDIMAT/MULTIMATIC seals and welds your packaging products hermetically tight with the precut sealing covers or foils.   MEDIMAT/MULTIMATIC

The special advantages

✓ Rapid die change, absolutely simple cleaning of the sealing plate and therefore increased hygiene, also thanks to the sealing head which can be turned by 90°.   90°

✓ Easy saving of programs: up to 50 records can be saved with alphanumeric identification.   50

✓ Perfect contact between heating and sealing plate thanks to the engaging fastening system with Helicoil thread inserts in the heating plate.

✓ The machine is particularly suitable for use in the clean room.

✓ All surfaces are protected or made from stainless, ground steel sheet, i.e. very easy to clean.

✓ At option working from the foil reel (series XL only)   XL

Dimensions: Series 2400 2400

- Width: 730 mm
- Depth: 1025 mm
- Height: 895 mm
- Weight: approx. 198 kg
- Sealing area: 420 x 350 mm
- Tray depth: max. 110 mm
- Sealing force: 5 – 45 kN

Dimensions: Series 2300 2300

- Width: 600 mm
- Depth: 650 mm
- Height: 700 mm
- Weight: approx. 110 kg
- Sealing area: 420 x 350 mm
- Tray depth: max. 110 mm
- Sealing force: 5 – 25 kN

Dimensions: Series 710 710

- Width: 888 mm
- Depth: 1150 mm
- Height: 1385 mm
- Weight: approx. 390 kg
- Sealing area: 550 x 350 mm
- Tray depth: max. 130 mm
- Sealing force: 5 – 45 kN
                   optional up to 67 kN

Technical details

- Control: ABB AC 500
- Sealing time: 0.8 – 9.9 sec
- Sealing temperature: up to 170°C
- Electrical connection: 3 x 400 VPNE; 50/60 Hz, max. 8 kW (without vacuum pump), fuse 16 A   16A

Option for series 710 710

- Gassing: Equal or negative pressure gassing 2% – 95% 2% 50%
- Evacuation: Vacuum from 10 - 99%   10% 99%

Heat-sealing machine FOLIOMAT

FOLIOMAT

FOLIOMAT

The FOLIOMAT is the smallest heat-sealing machine on the market which can be validated. It is a modern, high-capacity heat-sealing machine offering highest operator convenience. All parameters of relevance to the quality are accurately open and closed-loop-controlled.

This ensures that the FOLIOMAT seals and welds your packaging products hermetically tight with the precut sealing covers. FOLIOMAT

The FOLIOMAT is a table-top model, ready for connection to a 230V plug sockets.

FOLIOMAT 230 220

The special advantages

✓ Convenient programming in the dialogue with the touch screen.
✓ Easy saving of programs: Up to 20 records can be saved. 20
✓ The process data are displayed.
✓ Perfect contact between heating and sealing plate.
✓ All surfaces are protected or made from stainless, ground steel sheet, i.e. very easy to clean.
✓ The sliding carriage is precisely guided and runs easily.

Dimensions

- Width: 329 mm
- Depth: 559 mm
- Height: 352 mm
- Weight: approx. 35 kg
- Sealing area: 270 x 270 mm
- Tray depth: max. 95 mm

Technical details

- Sealing force: 4 – 12 kN
- Sealing time: 1.0 – 5.0 sec
- Sealing temperature: up to 160°C
- Electrical connection: 230 VPNE, 50/60 Hz, max. 2000 W

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Bag sealing machine COBRA suitable for qualification according to GAMP5
GAMP5   COBRA

The absolutely fastest bag sealing machine on the market which can be validated.

Small product lot sizes are often a difficult problem in the context of automation and efficient packaging. Our Hagmann COBRA appliance permits you to achieve up to 50 cycles per minute depending on the expertise of the operating personnel.

COBRA   50

The special advantages

- ✓ Use in the clean room
- ✓ The three parameters temperature, force and time can be validated
- ✓ For bag of mono or composite foils
- ✓ All surfaces are protected or made from stainless, ground steel sheet, i.e. easy to clean.
- ✓ Touch-screen for easy operation
- ✓ Data transfer to external computer
- ✓ With barcode reader

Dimensions

- Width: 380 mm
- Depth: 440 mm
- Height: 600 mm
- Weight: approx. 50 kg
- Sealing seam: 210 mm long,
                         2.5 – 9 mm wide

Technical details

- Sealing force: 500 – 2000 N
- Sealing time: 0.5 – 3 sec
- Sealing temperature: up to 170°C
- Control: ABB AC 500
- Electrical connection: 230 VPNE, 50/60 Hz

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Blister punching machine SOLID CUTTING PRESS

The absolutely fastest punching machine for the punching of individual blisters, multiple tear-off blisters or blister sheets. The machine is in conformity with CE standards, of solid design and execution, ergonomic to operate, easy to convert for different punching dies and accordingly suitable for a lasting, high production output. All this makes the SOLID CUTTING PRESS stable in value.

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The special advantages

✓ Execution for use in the clean room.
✓ All surfaces are treated against rust or made from stainless, ground steel sheet, i.e. easy to clean.
✓ The machine frame is powder-coated or 2C-lacquered.
✓ The exhaust air is collected and evacuated from the clean room through a hose.
✓ Very little maintenance is required.

Dimensions: SOLID CUT

- Width: 1075 mm
- Depth: 1060 mm
- Height: 1894 mm
- Weight: approx. 1210 kg
- Punching area: 550 x 350 mm
- Punching stroke: 15 mm
- Tray depth: max. 100 mm

Dimensions: POWER CUT

- Width: 570 mm
- Depth: 860 mm
- Height: 875 mm
- Weight: approx. 390 kg
- Punching area: 340 x 340 mm
- Punching stroke: 15 mm
- Tray depth: max. 100 mm

Technical details

- Control: Mitsubishi AL2
- Punching force: 550 kN (320 kN POWER CUT)
- Electrical connection: 230V / 50 Hz

HAGMANN

The enterprise

HAGMANN MASCHINENBAU AG AG is a family-owned limited liability company and was founded in 1982.

1982

CNC milling / custom machining CNC /

We also draw from much experience in the production of subassemblies based on mechanical, electrical and pneumatic components. Our perfectly equipped CNC-machining shop relies on vertical and horizontal centres for milled parts for prototypes, small lots and serial parts.

Cleaning and disinfection machines and sterilizers

We sell and service a comprehensive range of automatic industrial cleaning, disinfection and drying equipment as well as stabilizers.
Suitable for use in hospitals, industry in general, medical engineering and the pharmaceutical branch.

Product protection with laminar-flow & drying cabinets

For all work requiring a low-particle clean-room zone: assembly, making-up, inspection, etc.
The working conditions correspond to clean-room working conditions better than category ISO 5.
Storage of sensitive parts which need protection from oxygen and humidity.

ISO5

Services

Our competent specialists offer you technical support on the spot or by telephone. Our services comprise commissioning and operator training as well as repairs and overhauls.