

THERMOFORMER M-SYSTEM

Compact, flexible, affordable – a solution that impresses



Thermoformer M-SYSTEM

a convincing solution

The M-System is the ideal solution for customers looking for an efficient, economical and versatile system.

Thanks to its extremely small dimensions, the machine can be easily integrated into almost any production environment. Its high flexibility allows quick and easy adaptation to changing operational requirements. In addition, the M-System is modularly expandable – it grows with the customer's needs and can be adapted to new processes or production volumes at any time. This ensures that your investment remains both future-proof and scalable.

VERSIONS

- **M100:** The compact basic model is optimally suited for less complex applications
- **M110:** The M100's upgrade with a footprint smaller than 3 m² is based on a modular system and can be easily extended
- **M285:** The all-round model for the medium performance range impresses with its favourable price
- **M425:** The premium edition meets highest requirements in the upper performance range



TECHNICAL DATA AND BASIC EQUIPMENT

Exemplary for M425

- Film widths: 250, 285, 320, 355, 420, 460 mm
- Repeat length: bis 400 mm
- Control unit: S7-1500 HMI IPC 12"
- operating board on swivel arm
- Drive: servomotor
- Sealing: frame sealing
- Return air collection in pneumatics
- Activated carbon filter for moulding air

Examples of available modules and functions

Quality and process control

- Strip tear control
- Inline product control
- OCR recognition
- Print inspection

Cooling and atmosphere

- Water chiller
- Vacuum and gas flushing device

Printing solutions directly on the top web

- Thermal transfer printer
- Flexographic printer
- DoD printer single colour; two colours; CMYK

Film management

- Advance warning of film end (bottom and upper web)
- Film end control (bottom and upper web)

Packaging and handling

- Die cut station
- Package transfer device
- Automatic product feed
- Loading robot

This list is only a small selection of our capabilities. Our modular system architecture allows machines to be flexibly configured, expanded and adapted to new requirements at any time.

*This means your system grows
with your company – efficiently,
economically and future-proof.*

MODULAR EXPANDABILITY – TAILORED TO YOUR REQUIREMENTS

Our machine solutions offer much more than standard functions. With over 5,000 available assemblies, we can cover almost any customer requirement – from simple integration to highly complex production lines.

And if we don't have the right module for you, we will work with you to develop one that is precisely tailored to your processes.

YOUR ADVANTAGES AT A GLANCE

- Flexible to meet changing requirements
- Modular system designed for the future
- Customisable
- High level of automation possible
- Easy to retrofit and expand
- Comprehensive service and support
- Cost-effective and efficient production





MACHINE EXPERTISE MADE BY A&D SINCE 1994 – PRECISION COMBINED WITH EXPERIENCE.

Since its foundation in 1994, A&D has developed into a renowned supplier of high-quality machinery in the fields of medical and pharmaceutical technology as well as food processing, with customers on every continent. The company has made a name for itself by customising its machines to the individual requirements of its customers from a wide range of modules.

For several years now, the company has been successfully managed by the second generation, Holger Ahr and Sven Jonasson. We also continuously invest in the training of young talent so that we can continue to offer innovative solutions in the future.

A&D stands out not only for its state-of-the-art machinery and technologies, but also for its expert advice, technical expertise and comprehensive service that goes far beyond commissioning.