

VARIUS

GABLER

THERMOFORM TECHNOLOGY



THE NAME SAYS IT ALL

Our high-end thermoforming system with the largest bandwidth – the VARIUS – has been specifically designed for the production of high quality trays, lids and other packaging.

The one to match

Combo steel strip procedure in perfection

Due to its two variants – the **VARIUS SR** for combined forming and punching with steel strip technology and the **VARIUS F** as a purely forming system with separate punch – the VARIUS can be applied in a most flexible manner. Thanks to the large forming area and the very high output capacity, this high end machine is suitable for use in large-scale production.

30,000
MAP trays/hour

850kN
Clamping Force

Simple Tool Change

Integrated tool change system for comfortable and safe product change. Tool change can be done by just **one operator**.

High Energy Efficiency

Thanks to regenerative units in the area of the drive technology, the VARIUS is particularly energy-efficient.

Highest Stability

Due to the solid **forming station made of cast steel** in connection with a **fixed top yoke**, the VARIUS ensures high stability and plane parallelism which yields optimum tool life.

Top Class Product Quality

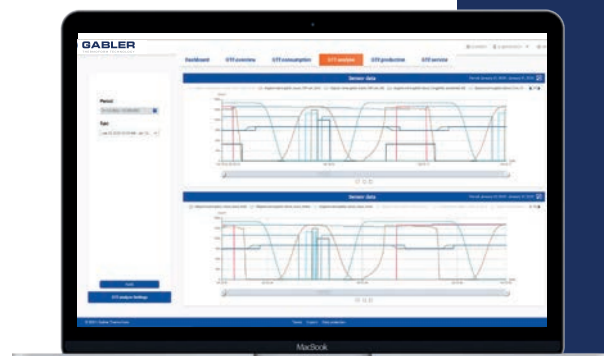
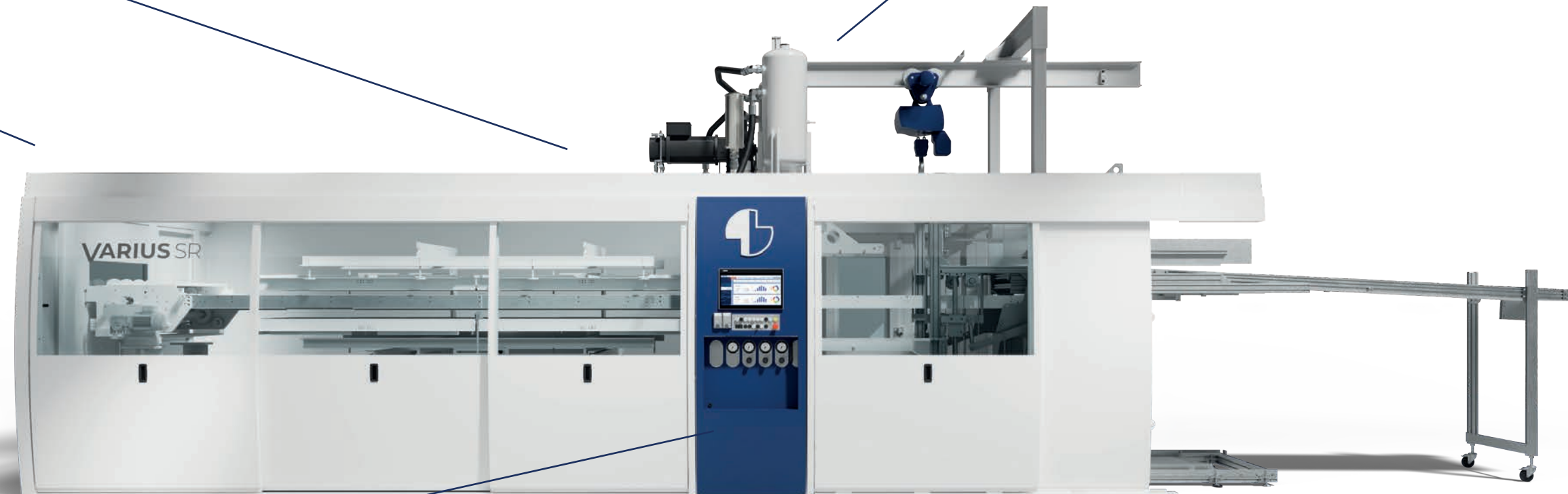
The combination of steel strip cut and servo motor driven gear rack plug assist ensure highest product quality.

Long Tool Times

An **innovative drive system** in connection with the **forming station in portal design** ensure a long life of the machine and the cutting tools.

Maximum User Comfort

An **innovative control system** of the VARIUS provides best possible user comfort and safe production processes. The software enables **automatic pre-setting of production parameters**. All work processes and failure messages are logged in order to ensure optimum reproducibility of the process.



CHECK MY GTF

Our well-trying and proven remote support is available for the VARIUS to optimize processes and increase efficiency. This option enables easy remote access by our experienced service technicians to your machine, offering many advantages:

- » Optimum visualization of the production process and the energy consumption
- » Process and drive optimization and increased machine efficiency (+1%)
- » More process safety and reduction of machine downtime
- » Better planning of maintenance and staff resources; lowering work cost



Ceramics Heater Elements

For **best possible cutting results**, the VARIUS can optionally be refit with a **heating system of the steel strips**. The heater comprising of high quality Ellstein ceramics heater elements can be extended to a length of 3.60 meters.

Flexible Sheet Transport

The VARIUS is equipped with a flexible sheet conveyor with **several setup parameters** – and thus is also ideal for the **production of pre-printed lids**.

Processing of PET

Due to **extreme cutting force of 850kN** and a particularly **large forming area**, the VARIUS is optimally suitable for processing PET film and several other thermoplastic films.

Variable Stacking Systems

The VARIUS is characterized by its **high variety in the range of stacking systems**, which helps to achieve the optimum solution for every product requirement:

- » Vertical stacking upwards, the standard for all products
- » A-B-C-stacking
- » Vertical stacking with tilting cassette
- » Robot technology for maximum flexibility



FLEXIBLE APPLICATIONS

The VARIUS offers a wide variety in regard to product requirements.

- » Vertical stacking upwards, the standard for all products and ABC stacking
- » Machine extension to integrate padder systems
- » Simple integration of camera systems for quality control
- » Variable links to subsequent automation solutions
- » Robot technology for maximum flexibility



Versatile and custom-fit

All this with the VARIUS

The VARIUS has been specifically designed for manufacturing quality products in high quantities. Trays, lids and a large variety of other packaging types can be produced economically by the VARIUS, with further automation in the downstream machines.

TRAYS

LIDS

To the point

VARIUS

- » Up to **75 cycles/minute**
- » Extreme closing force of **up to 850kN**
- » **Largest forming area** in the combo steel strip range
- » High plane parallelism
- » System with unique selling point



Highest stability

Forming station made in solid cast steel construction



Maximum output

High punching forces and large forming areas for high output power



High economic efficiency

Low energy consumption and low personnel expenses



Why GABLER?



RELIABLE

PARTNER

A financially sound company, one of the world-market leaders in high end thermoforming technology – with branches all over the world.



EXPERT

SERVICE

International network of experienced service technicians, rapid help on site, regular maintenance of your plants and fast, world-wide spare parts delivery.



COMPREHENSIVE

EXPERTISE

Almost 50 years of experience in thermoforming.



STATE OF THE ART

TECHNOLOGY

Innovations in the fields of pre-stretching technology, tool cooling, machine control, remote support, digitalization, and many more



GABLER
THERMOFORM TECHNOLOGY

Gabler Thermoform GmbH & Co KG
Niels-Bohr-Ring 5a
D 23568 Lübeck
Tel. +49 (0) 451 3109-0

www.gabler-thermoform.com

