

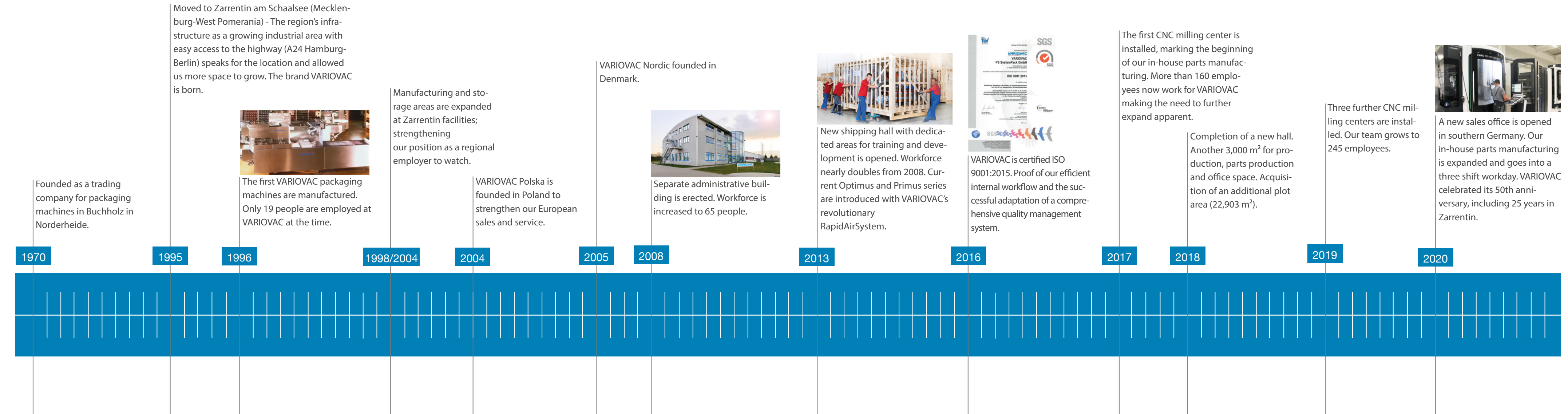


ABOUT US **VARIOVAC**

EN Version

VARIOVAC *Through the Years*

A JOURNEY OF MANY DEVELOPMENTS AND EXPERIENCES



VARIOVAC *Worldwide*

INTERNATIONAL PRESENCE

WE RELY ON OUR KNOW-HOW, OUR EXPERIENCE, AND
OUR GLOBAL PARTNERS TO PROVIDE OUR CUSTOMERS
WITH CUSTOM PACKAGING SOLUTIONS.



VARIOVAC *This is who we are*

QUALITY. PASSION. HEART & SOUL.

QUALITY COMES FROM PASSION. PASSION
MEANS PUTTING OUR HEART AND SOUL AND OUR
COMPREHENSIVE KNOW-HOW IN PACKAGING
INTO THE CONTINUAL DEVELOPMENT OF OUR
PRODUCTS.



Passion means being there for our customers first and foremost. You, your product, and your packaging needs are our top priority. We are growing rapidly, even internationally, but as a medium-sized, owner-managed, mechanical engineering company, we maintain our crucial personal relationships with our customers.

Along with our high-quality packaging machines, our competent and individual advice, allows us to support you in placing your products at their best on the market.

YOU CAN RELY ON US!





VARIOVAC *Promise*

RELIABILITY IN PERFECTION

WE ARE AN INNOVATIVE MECHANICAL ENGINEERING COMPANY WITH DECADES OF EXPERIENCE STEEPED IN TRADITION. THE DESIGN, DEVELOPMENT, PRODUCTION, AND SERVICE OF OUR PACKAGING MACHINES DRIVES US. WE USE THE MOST MODERN MACHINING TOOLS CURRENTLY AVAILABLE WORLDWIDE, TO ACHIEVE THIS.



VARIOVAC *Thermoforming Machines*

OPTIMUS SE / OL / MP

EFFICIENT AND COMPACT, THE ECONOMICAL ENTRY INTO AUTOMATIC PACKAGING.

Whether vacuum or MAP, skin, shrink packaging, or hot filling - the VARIOVAC Optimus impresses with its excellent performance throughout. It delivers reliably and efficiently, high-quality packaging every time. All this from a machine only 3 meters long! It sets the standard in terms of technology and performance. Like all VARIOVAC machines, the VARIOVAC Optimus works with the highly developed VARIOVAC RapidAir- System.

Packaging performance of 13 cycles per minute, with brilliant forming, and the best residual film thickness can be achieved without any ease on the VARIOVAC Optimus. Rigid films up to 500 µ are formed into exquisite trays with the VARIOVAC RapidAirSystem. A stable stainless-steel construction, lifting systems with a high clamping force, as well as pristine hygiene with its impressive cleaning possibilities and a convincing user-friendliness make the VARIOVAC Optimus the leading machine in its class.

Customize the VARIOVAC Optimus to suit your product. Be it an extended loading area to print and label your film or an additional downstream devices – we have the solution to fit your needs.



VARIOVAC *Thermoforming Machines*

PRIMUS / PW / MP

HIGHEST PACKAGING PERFORMANCE THANKS TO THE SUPERIOR VARIOVAC RAPIDAIRSYSTEM

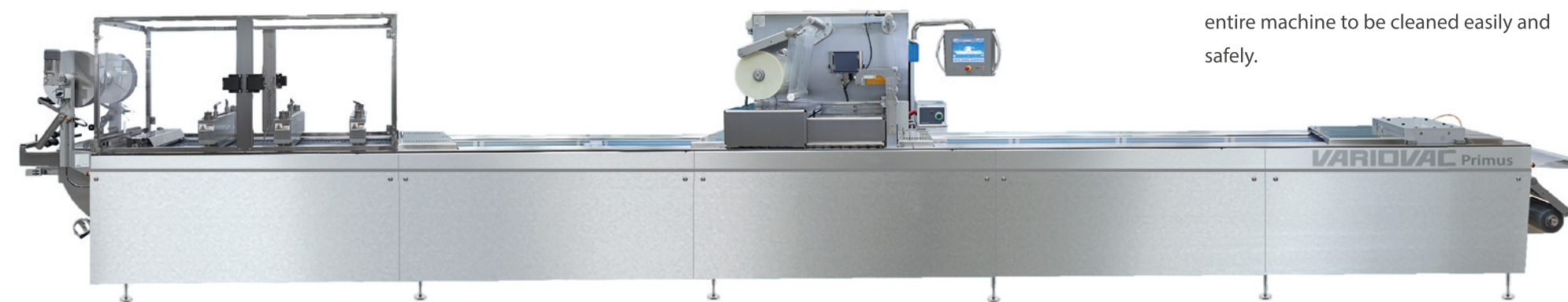
Ingenuity and stability define the VARIOVAC Primus. Our uncompromising strive for perfection, means that we are continuously developing our machine's technology and capabilities. Established in 2013, the VARIOVAC Primus has become one of most reliable thermoforming machines on the global market to date.

The controls on the VARIOVAC Primus are not only intuitive and user-friendly, but its high-speed IPC allows processing times to be mapped in real time. It is the perfect communication between user and machine.

A unique stainless-steel frame construction guarantees the VARIOVAC Primus maximum stability. Its impressive four-point lifting system generates maximum clamping force. Combined these features make the VARIOVAC Primus a reliable packaging machine.

The highly developed VARIOVAC RapidAirSystem enables the perfect forming of both flexible, semi-rigid, and rigid films, while reliably sealing packages at up to 20 cycles per minute.

Part of its pristine hygienic concept includes open chain profiles, thus allowing the entire machine to be cleaned easily and safely.



VARIOVAC *Technical Info*

OPTIMUS SE / OL / MP



Frame length	different module lengths of 2.5 to 5.5 m
Film width	320 mm / 355 mm / 360 mm / 420 mm / 460 mm
Advance length	150 – 400 mm / (-650 mm)*
Packaging depth	up to 110 mm / (-120 mm)*
High-performance control:	IPC 10" touchscreen with error diagnosis and data back-up via USB port or Ethernet
Packaging output:	up to 13 cycles / min
Packaging types:	Sealing, Vacuum, MAP, Skin, Steam, Shrink
Cooling:	integrated circulatory cooling unit without consumption of water
Compressed air:	min. 6 bar (without addition)
Electrical voltage:	3 x 230 V N/PE 3 x 400 V N/PE 50/60 Hz

*Optimus MP

VARIOVAC *Technical Info*

PRIMUS / PW / MP



Frame length	different module lengths of 5.0 to 12 m
Film widths	320 -760 mm
Film strength	bottom film up to 550 μ / (-750 μ)*
Advance length	100 – 700 mm / (-1200 mm)*
Packaging depth	up to 135 mm / (-210 mm)*
High-performance control	IPC, swivel-mounted 12.1" touchscreen
Packaging output	up to 20 cycles / min
Packaging types	Sealing, Vacuum, MAP, Skin, Steam, Shrink
Cooling	integrated heat exchanger without consumption of water
Compressed air	min. 6 bar (without addition)
Electrical voltage	3 x 230 V N/PE 3 x 400 V N/PE 50/60 Hz

*Primus MP



VARIOVAC *Tray Sealers*

ROTARIUS VG

FASTER THAN THE CONVENTIONAL DRAWER TRAY SEALERS.

Our semi-automatic tray sealer, VARIOVAC Rotarius, with its dual-die system owes its name to its practical rotating table. While the machine vacuums and gas flushes the trays in the sealing die, the machine operator can remove the finished packs in the front and immediately insert new ones for the next set. This rotation reduces down-time and increases packaging performance. This machine only requires a small footprint and is thus optimally suited for use in smaller production.

Versatile for a small tray sealer, the VARIOVAC Rotarius packs fresh, chilled and frozen foods, as well as menu components in prefabricated trays. Whether only sealing or MAP, skin or gas flushing - it always delivers the best packaging for your products (food, non-food, medicine). Even changing the sealing dies – to change to different tray sizes - is easy, fast and possible without any additional tools.



VARIOVAC *Tray Sealers*

LINUS 650 / 1100

THE FULLY AUTOMATIC INLINE TRAY SEALER FOR INDUSTRIAL APPLICATIONS.

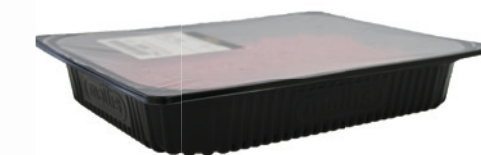
The VARIOVAC Linus 1100 is a fully automatic tray sealer for prefabricated trays in various forms. These sealable trays can be made of PP, PET, PS, aluminum and coated cardboard.

The VARIOVAC Linus is designed for high-performance in the food industry. This machine impresses with its modular design, extending it meter by meter is easy.

Its stainless-steel and aluminum construction (including its adjustable, stainless-steel machine feet) allows the VARIOVAC Linus can be washed down completely with ease.

A swivel touch panel can be operated on both sides. The servo-driven components keep compressed air consumption low, while increasing speeds and maintaining perfect performance.

The VARIOLIFT enables quick format change with little effort.



VARIOVAC *Additional Equipment*

UP AND DOWNSTREAM COMPONENTS

TURN YOUR VARIOVAC PACKAGING MACHINE INTO A
REAL ALL-ROUNDER.

From the dosing to labeling to the checking package weight, and so much more - VARIOVAC machines can be customized with additional equipment to create the best solution for your packaging needs. Our goal is to provide you with the most economical packaging solution your products.

- » Filling and dosing systems
- » Coding and printing systems
- » Variolabel
- » Discharge / Converger
- » Metal detector
- » Checkweigher
- » Gas mixing systems
- » Gas analyzers
- » Destacker



Variolabel



Variotrack Eco

VARIOVAC *References*

50 YEARS AS A RELIABLE PARTNER



VARIOVAC *Packaging Materials*

TRAYS. FILMS. BAGS.

YOUR ONE-STOP-SHOP FOR ALL YOUR PACKAGING NEEDS.

Allow us to be your partner in all your packaging needs. We can support you with solutions for the best presentation of your products. We also provide a variety of high-quality packaging materials. Be it bags, trays or films – take advantage of our application engineers' know-how.

Test different packaging materials with us to find the right solution for your product. for example in terms of hygiene (lowest possible germ load), protection against drying out, and their durability.



VARIOVAC *Unique Selling Point*

THE ADVANTAGES AT A GLANCE

USE OF RAPIDAIRSYSTEM®-TECHNOLOGY OPTIMIZES THE PACKAGING FORM

The high-tech **VARIOVAC RapidAirSystem** enables the best packaging performance with outstanding packaging quality and low material consumption (compared to conventional thermoforming machines).

The Characteristics

- » Forming through compressed air
- » High-speed, intuitive controls
- » Parameters measured and regulated at 2 ms intervals for optimal control
- » Optimized tooling construction and pneumatics

Advantages

- » Significantly faster forming process compared to the conventional vacuum forming process
- » Exquisite forming
- » Optimum film distribution, especially in the corners
- » No pre-heating required



simpler ✓ faster ✓ better ✓

VARIOVAC *Customer Support and Service*

YOUR RELIABLE AND COMPETENT PARTNER AT EVERY STEP



DIRECT CONTACT

TECHNICAL CUSTOMER SUPPORT

TEL: +49 (0) 38851-823 900

E-MAIL: SERVICE@VARIOVAC.DE

SPAREPARTS SERVICE

TEL: +49 (0) 38851-823 800

E-MAIL: SPAREPARTS@VARIOVAC.DE

Our Customer Support team is here for you. We are here for all your after sales needs; clarify technical questions, ensure your machine's performance with maintenance, and supply OEM spare parts. We invite your service and maintenance staff to technical training at site or in our training center. Our service hotline is available six days a week from 6am to 7pm CET.

FAT / SAT

We offer you the opportunity to assess your new machine in our spacious showroom in Zarrentin. We also offer on-site acceptance tests of your new VARIOVAC machines. Let our technicians come to you and ensure that everything is to your complete satisfaction. We work with you to integrate your VARIOVAC machines into the existing production. We also offer remote maintenance and diagnostic solutions.

VARIOVAC *Apprenticeship*

FROM ZARRENTIN INTO THE WORLD

VARIOVAC OFFERS DYNAMIC APPRENTICESHIPS TO THE NEXT GENERATION OF PACKAGING EXPERTS

We are proud of our work and enjoy sharing our expertise and experience with the next generation. For almost 20 years, VARIOVAC has been training young men and women to become successful specialists and managers. We look forward to continuing to introduce new innovations with the generations to come. We hold our responsibility to train young people to become top professionals in high regards. We have maintained a high training rate for years offer our apprentices a great space to learn and grow!

We train:

- » Industrial clerk (m/f/d)
- » Mechatronics engineer (m/f/d)
- » Technical product designer (m/f/d)
- » Cutting machine operator (m/f/d)
- » Warehouse logistics' specialist (m/f/d)
- » Marketing communication assistant (m/f/d)



A close-up photograph of two hands shaking in a firm grip. The hand on the left is wearing a blue and white striped shirt cuff, while the hand on the right is wearing a white shirt cuff. The background is a soft, out-of-focus green and white.

MORE VARIOVAC. MORE INFOS.

VARIOVAC PS SystemPack GmbH
Ernst-Litfaß-Str. 3 und 5
19246 Zarrentin am Schaalsee

Telefon +49 38851-823 0
Telefax +49 38851-823 220

info@variovac.de

VARIOVAC.DE