

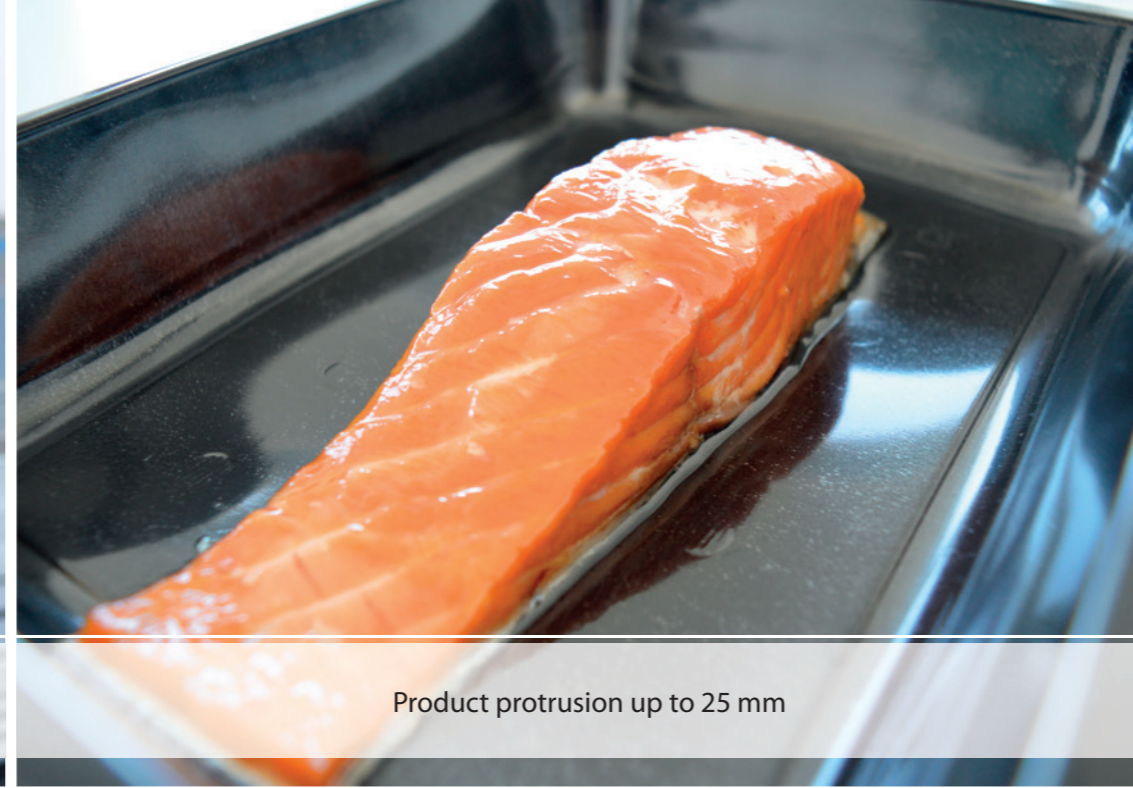
Rotarius VG

Rotarius

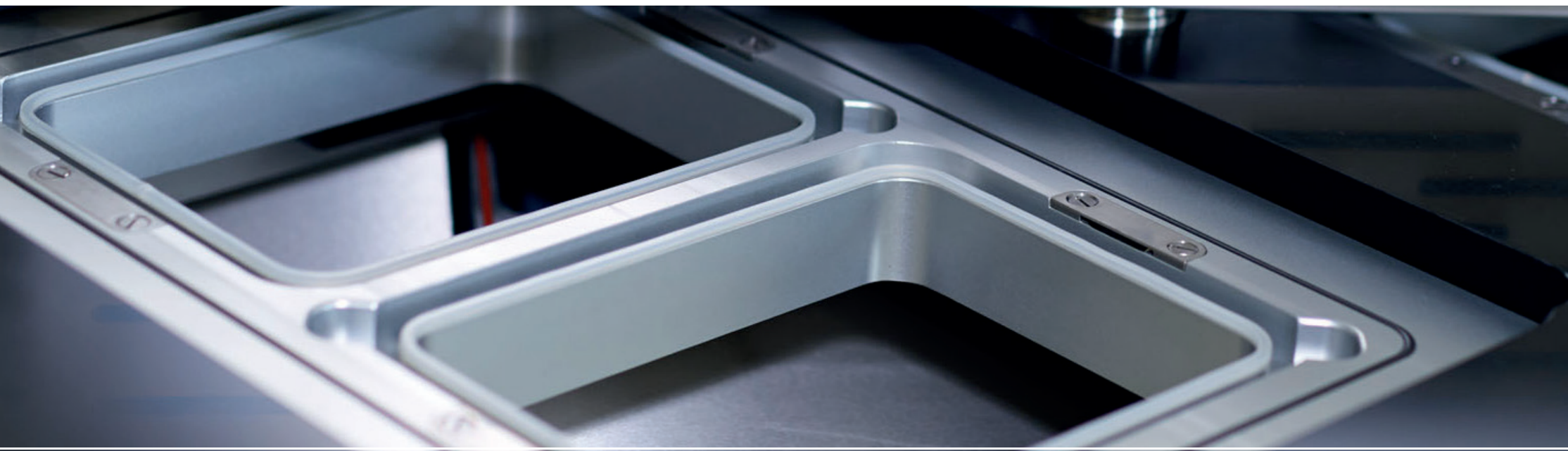
EN Version



Stainless steel machine



Product protrusion up to 25 mm



More efficient thanks to its dual die system

ROTARIUS

Sealing, gas flushing, vacuum, and skin

Our semi-automatic tray sealer with dual die system, the Rotarius, is so named for its practical rotating table.

While products are packaged in the die, the operator can remove already packaged trays and insert new ones in the front part of the table. This prevents down time and increases output, without diminishing performance.

Its small footprint is optimally suited for use in small production areas. Changeovers to accommodate different tray sizes and products is simple, fast, and possible without any additional tools.










The Rotarius packages fresh, refrigerated, and frozen foods as well as menu components in premade trays. Its variety of applications is impressive. Be it MAP, sealing, gas flushing, and skin, it always delivers the best packaging for your products - food, non-food, and medical supplies alike.



Options

- » Liquid separator
- » Particulate filter
- » Eye spot registration - for register printed top films
- » Die cart - for multiple formats
- » Die cart with preheating

Maximum external tray dimension in mm

406 x 294		406 x 137	
190 x 294		406 x 82	
118 x 294		190 x 137	
82 x 294		118 x 137	
190 x 82		- more formats available	

ROTARIUS

TECHNICAL INFO

Film roll diameter:	up to dia. 300 mm (3" core)
Tray depth:	up to 100 mm
Tray depth for skin:	up to 40 mm
Product protrusion:	up to 25 mm
Operating system:	IPC with 7" touchscreen
Output:	4 - 8 cycles/min.
Applications:	sealing, gas flushing, vacuum, and skin
Compressed air:	min. 6 bar
Electrical requirements:	3x 400V N/PE, 50/60 HZ
Total weight:	450 kg
Space required:	1.6 m ²

VARIOVAC
simpler faster better

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VARIOVAC Linus 1100

LINUS 1100

EN Version



Loading Area



Sideview Linus 1100

LINUS 1100

FULLY AUTOMATIC IN-LINE TRAY SEALER FOR INDUSTRIAL APPLICATIONS

Linus 1100 is a fully automatic tray sealer for all sealable, prefabricated trays. The trays can be fed into the machine by a [servodriven indexing belt](#) and the transfer to the sealing station is by tray specific gripper unit, enabling a quick and easy change. The standard length of the loading area is 1200 mm and can be extended with an extension module from 1000 mm to 2200 mm.

The hinged touch panel is simple and can be operated from both sides. Linus works with a wide variety of tray shapes made from e.g. PP, PET, PS, aluminium and covered carton. The machine is primarily constructed from stainless steel with aluminium tooling and is fitted with adjustable machine feet.



Servodriven indexing belt



Gripper unit at sealing station



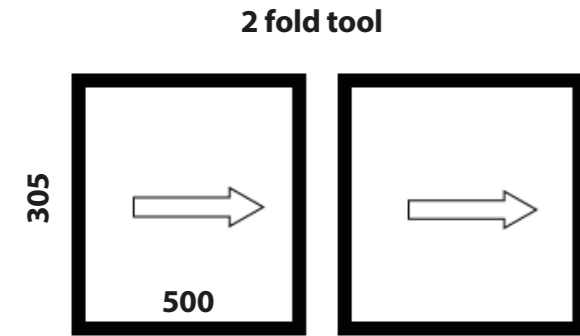
Tray denester



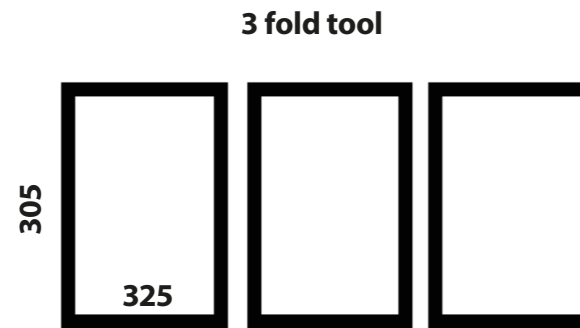
Pneumatic Core Chuck

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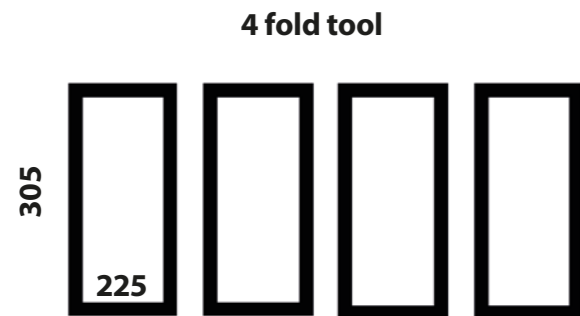




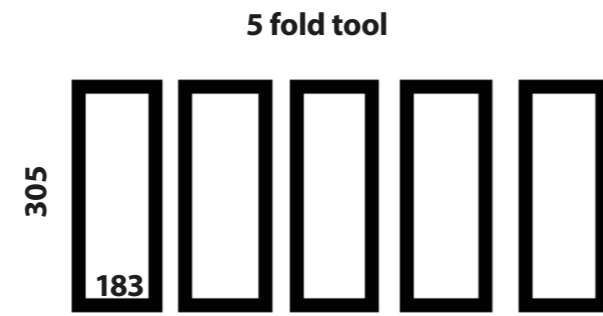
Outside-Cut max. 500 x 305
Inside-Cut max. 500 x 285



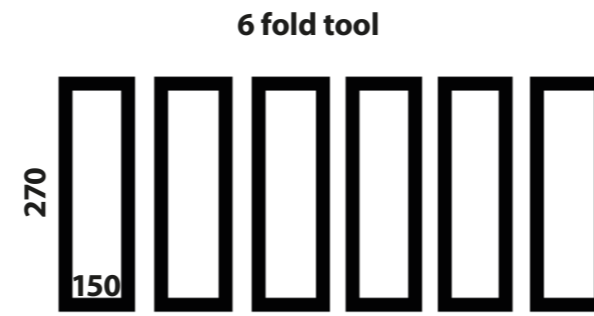
Outside-Cut max. 325 x 305
Inside-Cut max. 325 x 285
Running direction = →



Outside-Cut max. 225 x 305
Inside-Cut max. 225 x 285
Running direction = →



Outside-Cut max. 183 x 305
Inside-Cut max. 183 x 285
Running direction = →



Outside-Cut max. 150 x 270
Inside-Cut max. 150 x 270
Running direction = →

TRAY DIMENSIONS

LINUS 1100

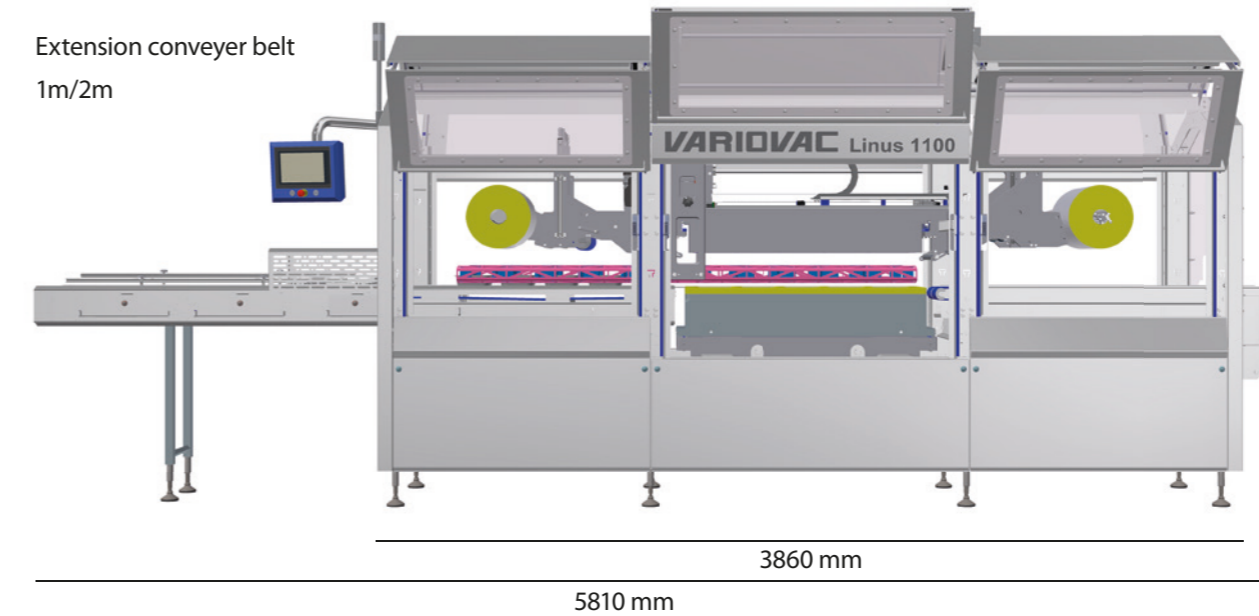
- ✓ max. external dimension of trays (see pictures)
- ✓ max. film width at Outside-Cut = 410 mm
- ✓ max. film width at Inside-Cut = 350 mm
- ✓ max. height of the tray at Outside-Cut = 120 mm
- ✓ max. height of the tray at Inside-Cut = 100 mm

Special tray sizes on request.

Linus 1100

OPTIONS

- ✓ Extension discharge conveyor (optional)
- ✓ O2-security device
- ✓ Cutting with opening strap
- ✓ Gas tanks:
20 l (stainless steel)
- ✓ Pumps:
100 m³/h to 630 m³/h
- ✓ Eye spot registration
- ✓ Liquid separator
- ✓ Particulate filter
- ✓ Ethernet connection for Data transfer system
- ✓ Remote control
- ✓ Film upwinding with axial control
- ✓ Tray transfer unit
- ✓ Tray denester
- ✓ Die change with Variolift for a comfortable format change



LINUS 1100

WASH-DOWN EXECUTION

For ease of service and maintenance the side covers can be completely removed and the wing doors folded up. For easy cleaning the conveyor belt can be completely removed without the need for special tools.

- ✓ Stainless steel construction including all safety covers and side panels
- ✓ Wing doors folded up
- ✓ Conveyor belt can be completely removed
- ✓ No dirt traps

LINUS 1100

TECHNICAL INFO



Control	Industrial PC with hinged 10" touchscreen, Programming and storage of 80 distinct recipes, USB port allows for easy data backup, Multiple language options makes the VARIOVAC Linus 1100 universally accessible, Remote diagnostic capability (optional)
Films	Ø max. 300 mm, Core Ø 3"/76 mm
Max. film width	Outside cut = 410 mm, Inside cut = 350 mm
Film transportation	Electric, unwinding and upwinding of the film with pneumatic mandrel
Pneumatics	SMC
Security class	IP65
Compressed air	min. 6 bar
Cycles	Vacuum, Gas - up to 12 cycles/min ≈ 60 trays/min with 5 fold tool Gas flushing, Sealing - up to 15 cycles/min ≈ 75 trays/min with 5 fold tool

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To enhance the Linus 1100 and customize it to your needs, additional devices can be added,
e.g in combination with a tray denseter, labeler, coder or filling system

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