

LPP420 TYPE 3618



Automatic thermoforming lines for packaging





LPP420 TYPE 3618

High - performance thermoforming lines family that meet the various requirements of manufacturers from all sectors of food processing.

LPP420 TYPE 3618 is the final effect of our vast experience in design and production of automatic lines for packaging. Innovative design of TYPE 3618 provides high-versality in adjusting machine's configuration to the customer requirements.

Depending on the ordered version this high-efficient thermoforming line is able to pack flexible and rigid films. Basic version of the machine forms the packages from the flexible film. There is also possibility to order the machine version which enables forming of rigid films or universal machine for both types of film. Machine features top functionality, reliability, hygiene and maximum simplicity of operation. Wide range of integrity with other devices, such as: slicers, scales and so on.

Modular construction allows for ideal adjustment of the parameters to specific requirements of every company. It can be "cut on measure" for loading area length, working advance, vacuum system efficiency, forming depth and extra equipment.

TYPE 3618 is a perfect solution for medium and big companies and the excellent packaging tool providing full functionality at an affordable price.



Automatic thermoforming line for packaging



Hygienic stainless steel covers



Touchscreen

Standad design:

- High-grade stainless steel construction
- Hygienic frame design
- Transport of the film using the 5/8" clip chains driven by servomotor
- Chain lubricating system
- 100 m³/h TEPRO vacuum pump
- Film margins winders
- Forming with the compressed air
- Forming depth - up to 130 mm
- Flexible film cutting tools
- Quick tool exchange
- Innovative integrated brake system for top and bottom film reels
- Controll using B&R touchscreen
- Two levels of access to the settings modification
- Possibility to save up to 50 packaging programs
- Automatic diagnostic system
- Modular construction

Options:

- 160 - 300 m³/h TEPRO built-in vacuum pump
- Photocell
- Rigid film cutting tools
- Easy opening of packaging ("EasyPeel")
- Closed circuit of cooling water
- Hot products packing system
- Special mould design
- High-efficient vacuum system with Root's pump
- Vacuum forming
- Extended loading area length
- MAP gas dosing system
- Remote GSM diagnostics system
- Adaptation of the machine to work with the external devices (weighers, labellers, printers, metal detectors)
- Mechanic conveyor at the machine outlet
- Film end detector



Bottom film unwinding system



Top film unwinding system



Innovative film reels fixing and adjusting system



Rigid film forming mold insert

Advantages:

- Modular construction allows for machine rebuild with different parameters
- Low power consumption
- Low consumption of compressed air and cooling water
- Easy operation and maintenance
- Intuitive touchscreen interface
- High performance and reliability



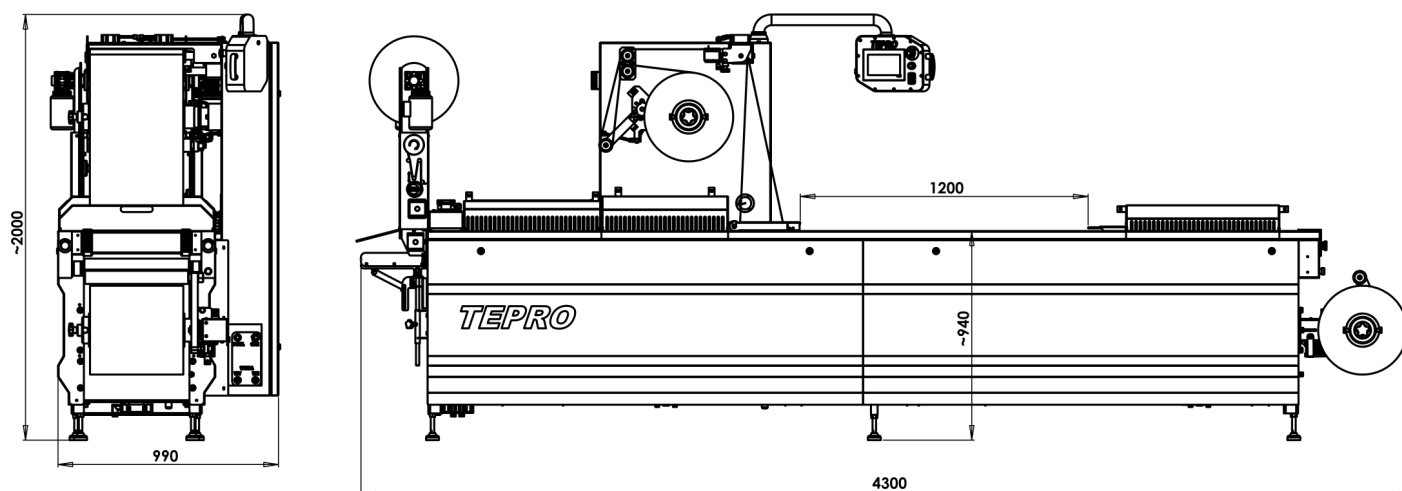
Longitudinal cutting knife shaft



Clipping chain guide

Fully automated - maximum efficiency.

Dimensional sketch: *)



Technical data: *)

Working advance	mm	300
Forming chamber	mm	282 x 356
Forming depth (max.)	mm	130
Length of loading area	mm	1200
Distance between tools	mm	2100
Output	cycle / min	4 - 8
Vacuum pump	m ³ / h	100
Power supply	V / Hz	3 x 230V / 60Hz
Power (depending on design)	kW	approx. 12,5
Compressed air pressure	bar	min. 6
Consumption of cooling water	l / min	8 - 15
Consumption of compressed air	NI / cycle	100 - 150
Top film width	mm	420 ^{+/- 1}
Bottom film width	mm	420 ⁺²
Bottom film roll diameter	mm	400 / core 76
Top film roll diameter	mm	400 / core 76
Bottom film thickness (flexible / rigid)	mm	max 0,5
Electric power cord		5 x 4 mm ²
Water connection (inlet and outlet)		connector fi 12
Compressed air connection		connector fi 17
MAP gas connection		quick connector DN7,2 / fi 8 hose
Weight (depending on design)	kg	~1300

*) Dimensions and technical data of standard machine.



ZAKŁAD TECHNIKI PRÓŻNIOWEJ TEPRO SA

ul. Przemysłowa 5
75-216 Koszalin
Poland
Tel.: +48 94 343 24 81
Tax: +48 94 343 26 58
e-mail: marketing@tepro.com.pl

www.tepro.com.pl

