



Miele. Our objectives: quality and customer-directed orientation.

Act in advance.

Build quality.

Measure our strength with the customer, to meet his challenging requirements.

Through its natural corporate evolution matured in a forty year span of experience, **Miele** is today a strong, reliable company, in both home and foreign markets, in the packaging machines production sector.

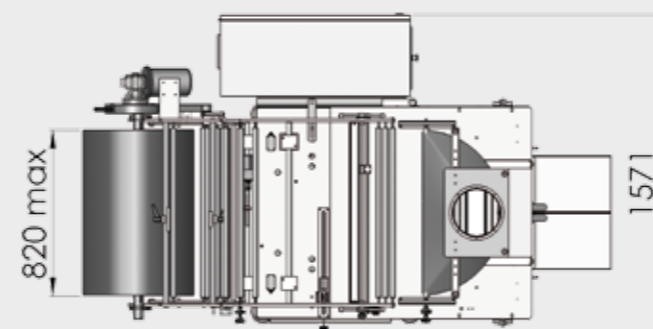
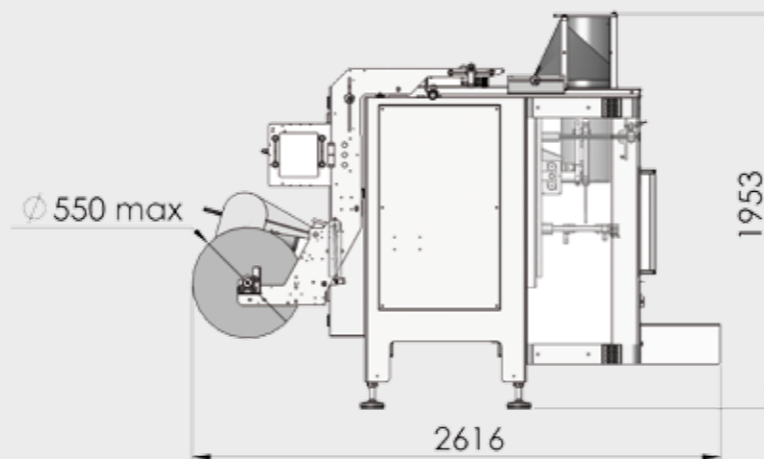
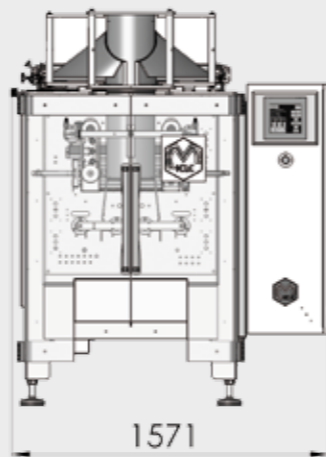
Through the compact and motivated team work of engineering experts, designers and qualified professionals, Miele plans and researches innovative technical solutions day-in day-out.

Miele has always had as the primary objective of its work, quality cultivated with care in every company process: from design to the finished product, from internal organisation through to sales and after-sales-services.

Through the years **Miele** has developed a strong and highly necessary customer-directed orientation. Assistance and after-sales presence make the customer Miele's privileged interlocutor, with whom to measure its strength to constantly improve the standard of its products.

Miele is committed to guaranteeing quality and on-going research, interfacing with the customers who entrust the packaging of their products to its machines.

Miele. Your challenges. Our solutions.



Miele Olympia 4000 packaging machine technical data

Standard technical data	OLIMPIA 4000
Machine Height	1953 mm (1)
Machine Width	1571 mm
Machine Length	2616 mm
Unload output conveyor height (opt.)	900 mm
Horizontal jaws activation	Brushless motor
Draw down belts motion	Three phase + inverter(4)
Electronic control	PLC Siemens
Operator panel	Touch Screen
Electrical power supply	3/N/PE AC 400V 50 Hz
Electrical power consumption (3)	3 Kw
Compressed air consumption (2)	0,9 NI/cycle
Minimum compressed air pressure	6 Bar
Machine weight	1400 Kg
Minimum bag width	40 mm
Maximum bag width	390 mm
Minimum bag length	60 mm
Maximum bag length (4)	700 mm

- (1) To be confirmed depending on the bag size
(2) Cooling blows not installed
(3) During the heating. 1 Kw after warm up.
(4) Longer bags: on demand
- All data in this document are subject to change

OLIMPIA 4000

High performance

Olimpia 4000 is an alternated vertical packaging machine, for the production of a very wide range of package. Its features are SPEED, FLEXIBILITY and ULTRA HIGH QUALITY OF MATERIALS. It is a high ranging machine in its category, able to make up to 120 packages per minute. With a broad range of applications and suitable for resolving complex problems, it is easy to use, thanks to its simplicity and mechanical sturdiness and to higher level electronics.

Why choose it?

- Maximum speed, mechanical innovation, flexibility, reliability, satisfying any vertical alternated packaging requirements.
- Higher level electronics.
- Simplified processes.
- Satisfies the needs of continuous cycle production lines.
- Combines speed, package quality, and strength.
- Packages a wide variety of products: from fresh vegetables to powder detergents.
- Top level accessories for original and refined packages: sharp edges sealed, valve applicator, vertical lateral sealing, etc.
- Limited maintenance and servicing required.
- A high grade of efficiency for all applications.
- Easy access to internal parts.
- Easy to clean.

The perfect union of shape and content.



Wrapping materials

- Polypropylene, laminates and coupled materials in general, barrier film, water-soluble film, film of biological origin, and other heat sealing materials such as polyethylene.

Mechanical characteristics

- Basic structure in painted steel or in AISI 304 stainless steel;
- Parts in contact with the product in AISI 304/316 stainless steel;
- Forming tube in very thick stainless steel;
- Sealing bars driven by a brushless motor controlled by latest generation digital activation;
- Film drive with independent motorisation by brushless motor;
- Motorised reel unwinding.

Electrical specifications

- Electrical power supply 400 V 3-phase + neutral + earth;
- Indicative consumption 3 KW;
- All machine functions electronically controlled;
- Control PLC: latest generation series 300 by SIEMENS;
- SIEMENS operator panel touch screen TFT;
- Memory capacity: 100 work programs;
- Diagnostics signalling any type of fault;
- Sealing temperatures saved in the work program;
- Electronic system for measuring and adjusting bag length.

Special versions

- Entirely in stainless steel;
- Inclined for fragile products;
- Inclined;
- TWIN Lowered;
- IP 65 waterproof protection;
- Separate removable panel;

- Allen & Bradley electronics;
- Ultrasound sealing.

Main accessories

- Print centring photocell;
- Square bottom and gusseted format;
- Gas injection;
- Printer;
- Sharp edges sealed;
- Timing hopper;
- Bag vibration to settle the product;
- Jammed hopper photocell;
- Automatic film centring system;
- Plate to support bag with large weights;
- Labelling unit;
- Eurohole bags;
- Bags with handle;
- Pneumatic expansion reel support;
- Film-end pre-alarm;
- Facilitated and sealed splice;
- Double reel support;
- Production data collection;
- Motorised roller;
- Drive system with vacuum belt.
- Double square bottom;
- Vacuum system for pillow and square bottom bag.

Dosing systems

- Multi-head weigher;
- High speed volumetric dosing system;
- Screw dosing system;
- Counter.

