



# OLIMPIA 6000 US ULTRASONIC



Your challenges. Our solutions.

**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.

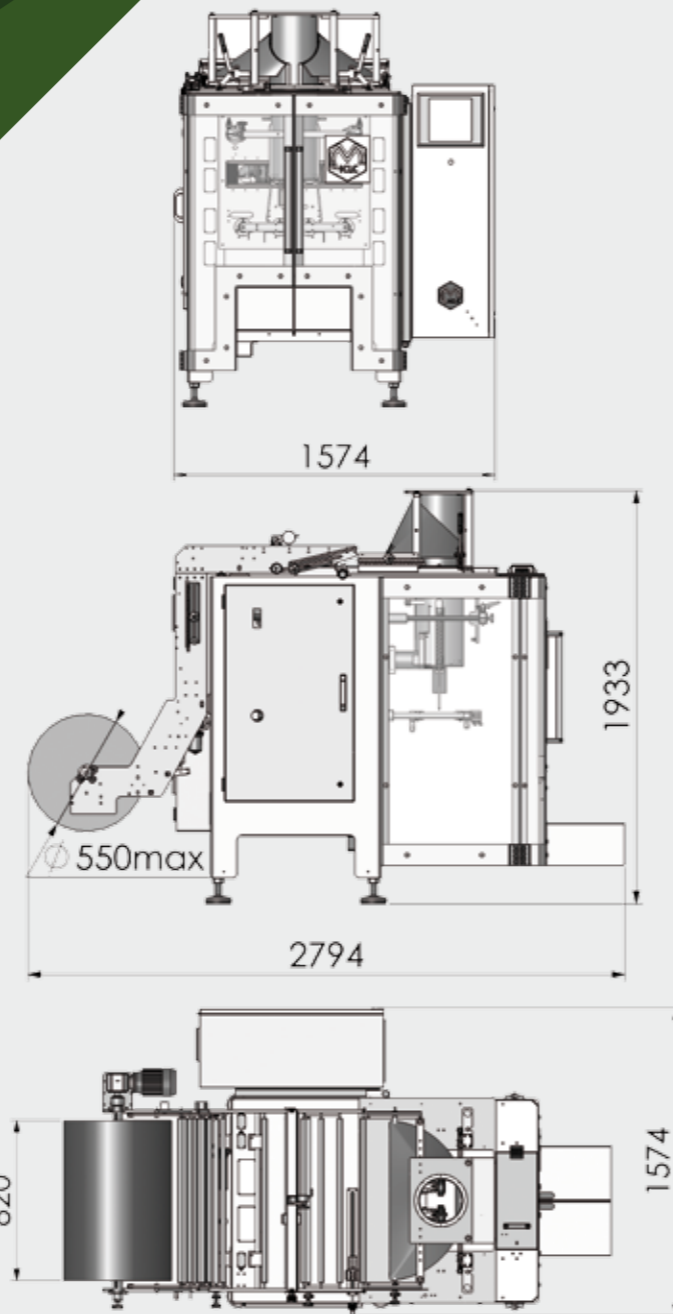
Through the compact and motivated team work of engineering experts, designers and qualified professionals, Miele plans and researches innovative technical solutions day-in day-out.

**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.

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#### Miele Olimpia 6000 US Ultrasonic packaging machine technical data

Standard technical data	OLIMPIA 6000 US Ultrasonic
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	Brushless motor
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



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# OLIMPIA 6000 US ULTRASONIC

Top efficiency

OLIMPIA 6000 US Ultrasonic is a vertical form fill and seal machine that is characterized from an advanced ultrasonic sealing system. Its main feature is the TECHNOLOGICAL INNOVATION of the sealing system itself: owing the ULTRASONIC technology, the sealing can be defined hermetic. The ultrasonic sealing system melts the material quickly and in the right position. The machine is able to produce hermetic sealing even if the film is not clean: it is particularly suitable for difficult product at high speed, such as fresh vegetables, liquids, grease product, powders, frozen items.



#### Wrapping materials

- Polypropylene, laminates and coupled materials in general, barrier 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;
- Electronic system for measuring and adjusting bag length.

#### Special versions

- Entirely in stainless steel;
- Inclined for fragile products;
- Inclined;
- IP 65 waterproof protection;
- Separate removable panel;
- Allen & Bradley electronics.

#### Main accessories

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

#### Dosing systems

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



#### Why choose it?

- Hermetic sealing (dimensions and percentage of the micro leakages negligible compared with traditional systems; increase of shelf life in modified atmosphere).
- Sealing through product, based on a self cleaning principle, that allow to seal parts of film with moisture, grease or product contamination.
- Energy and packing material cost reduction up to 40%.
- System immediately ready: no wait for warm up.
- Product no more exposed to heating, because the horizontal sealing is cold.
- Throughput increases compared with traditional systems.
- Maximum speed, mechanical innovation, flexibility, reliability, satisfying any vertical alternated packaging requirements.
- Satisfies the needs of continuous cycle production lines.
- Combines speed, package quality, and strength.
- Limited maintenance and servicing required.
- A high grade of efficiency for all applications.
- Easy to clean.

Shape and contents with advanced systems.



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ULTRASONIC