



# OLIMPIA 5000



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.

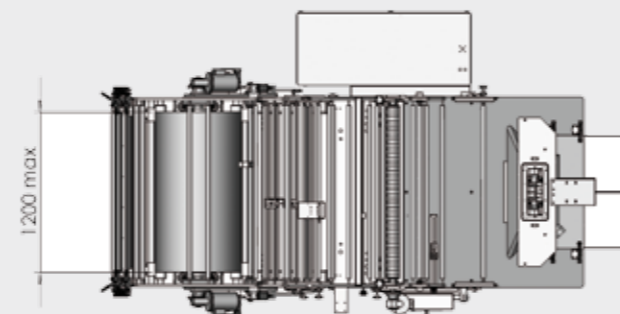
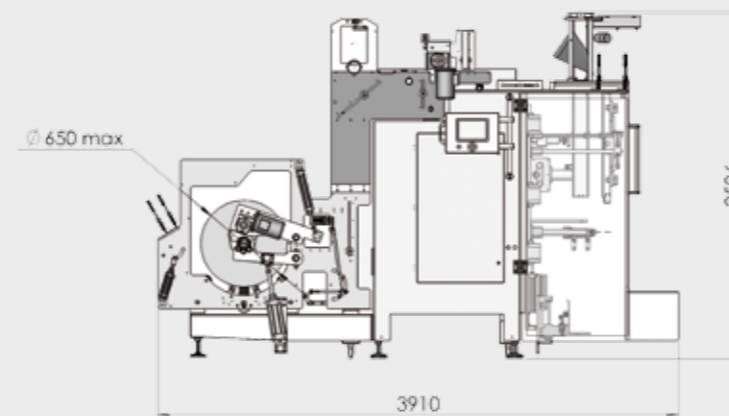
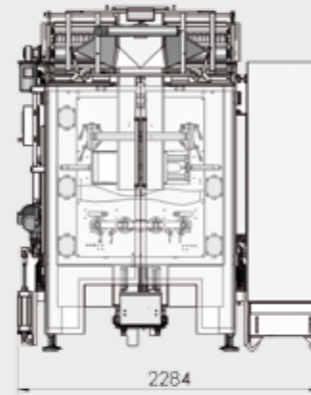
Through the compact and motivated team work of engineering experts, designers and qualified professionals, Miele plans and researches innovative technical solutions day-in day-out.

**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 5000 packaging machine technical

Standard technical data	OLIMPIA 5000
Machine Height	2600 mm (1)
Machine Width	2284 mm
Machine Length	3700 mm
Unload output conveyor height (opt.)	900 mm
Horizontal jaws activation	Sevomotor
Draw down belts motion	Sevomotor
Electronic control	PLC SIEMENS
Operator panel	TOUCH SCREEN
Electrical power supply	3/N/PE AC 400V 50 Hz
Electrical power consumption (3)	5 Kw
Compressed air consumption (2)	0,9 NI/cycle
Minimum compressed air pressure	6 Bar
Machine weight	2100 Kg
Minimum bag width	200 mm
Maximum bag width	490 mm
Minimum bag length	60 mm
Maximum bag length (4)	1500 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 5000

## Top level performance

Olimpia 5000 is a vertical packaging machine for large formats. These are its features: **STURDY, RELIABLE PERFORMANCE, TOP QUALITY MATERIALS**. It stands out for industrial performance in difficult environments for large formats. It is suitable for producing high weight and volume packages: from 2 to 60 kg (bulk formats). In fact, it has a system for supporting and unloading the package on the outfeed conveyor belt. Materials thickness values up to 250 micron, in pillow and/or square bottom versions, with or without handle.

### Why choose it?

- Considerable advantages compared to other technologies used for large formats (so-called bulk sizes), such as the pre-made bag or tubular film:
- lower cost of wrapping material;
- high output, thanks also to the high production speed and to the possibility of using large diameter film reels;
- The reel loading and unloading operations can be customised through various solutions.
- A wide range of formats: from 2 to 60 kg for a medium density granular product (0.6 kg/litre).
- Can make gusseted and square bottom bags, with both laminated and polyethylene materials.
- Low maintenance and servicing requirements.
- Easy access to internal parts.
- Easy to clean.



### Wrapping material

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

### Mechanical specifications

- 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 activated by brushless servomotor;
- Film drive with independent electronically controlled motorisation Motorised and assisted reel unwinding

### Electrical specifications

- Electric power supply 400 V three phase + neutral + earth;
- Indicative consumption 5 KW;
- All machine functions electronically controlled;
- Control PLC: latest generation series 200 by Siemens (other makes on request);
- Memory capacity: 40 work programs;
- Diagnostics signalling any type of faults;
- Electronic system for measuring and adjusting bag length.

### Special versions

- Made in stainless steel;
- Impulse sealing and hot bar sealing;
- Electronics by Allen & Bradley;
- Separate removable electrical panel;
- Size change-over;

- Large diameter and very heavy reels accepted and loaded.

### Main accessories

- Print centring photocell;
- Square bottom and gusseted format;
- Gas injection;
- Printer;
- Timing hopper;
- Bag vibration to settle the product;
- Jammed hopper photocell;
- Plate to support heavy bags;
- Labelling unit;
- Bags with handles;
- Pneumatic expansion reel support;
- Film-end pre-alarm;
- Facilitated and sealed splice;
- Production data collection;
- Motorised roller.

### Dosing systems

- Multi-head weigher;
- Special linear weigher for heavy weights;
- Special volumetric and plate dosing system for heavy weights;
- Special screw dosing system for heavy weights.

