



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.

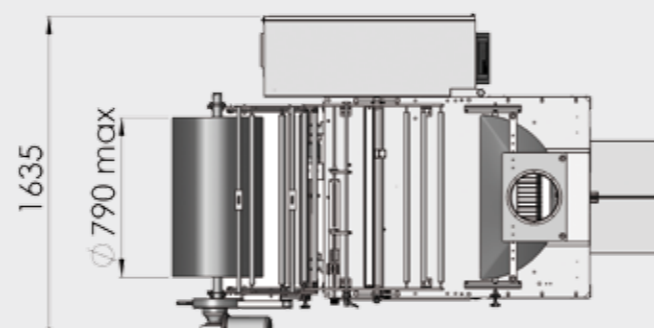
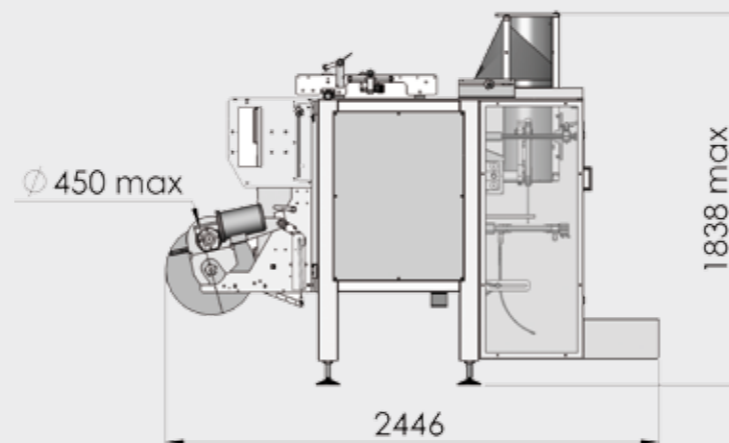
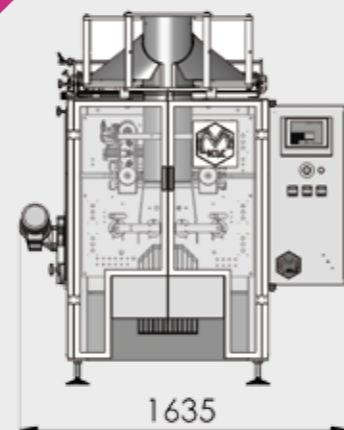
Through the compact and motivated team work of engineering experts, designers and qualified professionals, Miele plans and researches innovative technical solutions day-in day-out.

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 SMART packaging machine technical data

Standard technical data	SMART
Machine Height	1800 mm (1)
Machine Width	1600 mm
Machine Length	2100 mm
Unload output conveyor height (opt.)	900 mm
Horizontal jaws activation	Pneumatica/Pneumatical
Draw down belts motion	Motore trifase + inverter/Three phase motor + inverter
Electronic control	PLC Siemens
Operator panel	Touch Screen/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	1100 Kg
Minimum bag width	40 mm
Maximum bag width	390 mm
Minimum bag length	60 mm
Maximum bag length	1000 mm

- (1) To be confirmed depending on the bag size
- (2) Cooling blows not installed
- (3) During the heating. 1 Kw after warm up.

All data in this document are subject to change

SMART



Your challenges. Our solutions.

SMART

Simple functionality

Smart is a vertical packaging machine with features as SIMPLICITY and QUALITY OF MATERIALS. This machine is an intelligent solution to obtain performance with limited investments. We offer a large range of options for a multiplicity of applications: from packaging fresh products with multi-head weighers, through to the production of packages for powders with volumetric dosing system. Its production speed reaches 70 packages per minute.



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 activated by an adjustable pneumatic cylinder;
- Film drive with independent electronically controlled motorisation.

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 200 by SIEMENS;
- SIEMENS touch screen operator panel;
- Memory capacity: 40 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;
- Lowered;
- IP 65 waterproof protection;
- Separate electrical panel.



Why choose it?

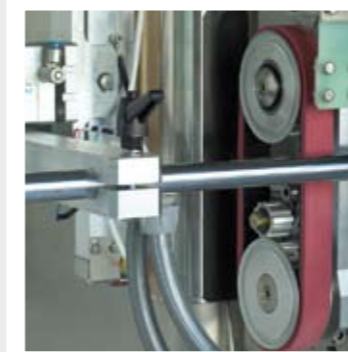
- A large range of accessories: an excellent solution both for Customers with a large quantity of products and different formats, and for Customers with special productions (vacuum packages, square and non square packages, clip/twist, fragile products in the inclined version).
- Highly cost effective.
- Excellent production speeds, thanks to the traditional Miele system which closes the jaws by pneumatic activation.
- Unbeatable precision and reliability.
- Low costs to integrate options present on higher level machines: film drive by servomotor, double sealing system for work with both laminated films and polyethylene, etc.
- The best solution on the market for medium-large formats.
- Limited maintenance and servicing required.
- Easy access to internal parts.
- Easy to clean.

Main accessories

- Motorised reel unwinding;
- Film drive with brushless motor;
- Vacuum system for pillow and square bottom bag;
- Print centring photocell;
- Square bottom and gusseted format;
- Gas injection;
- Printer;
- Corner seal;
- Timing hopper;
- Jammed hopper photocell;
- Automatic film centring system;
- Plate to support bag with large weights;
- Labelling unit;
- Clipper;
- Removable electrical panel;
- Right or left version;
- Eurohole bags;
- Bags with handle;
- Facilitated and sealed film splice;
- Motorised roller.

Dosing systems

- Multi-head weigher;
- Linear weighers;
- Volumetric dosing system;
- Volumetric dosing system for deep-frozen foods;
- Plate dosing system;
- Screw dosing system;
- Counter.



Shape and content have never combined so well.

