



**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.

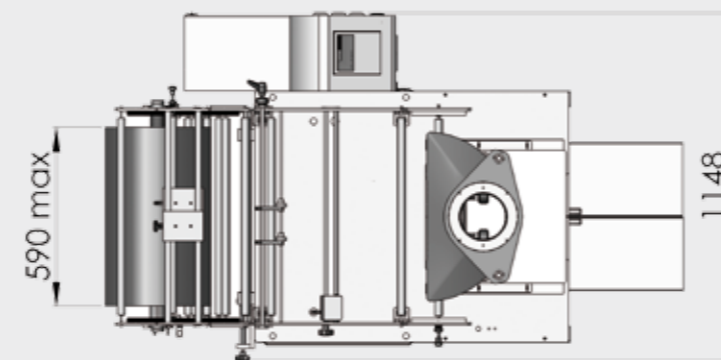
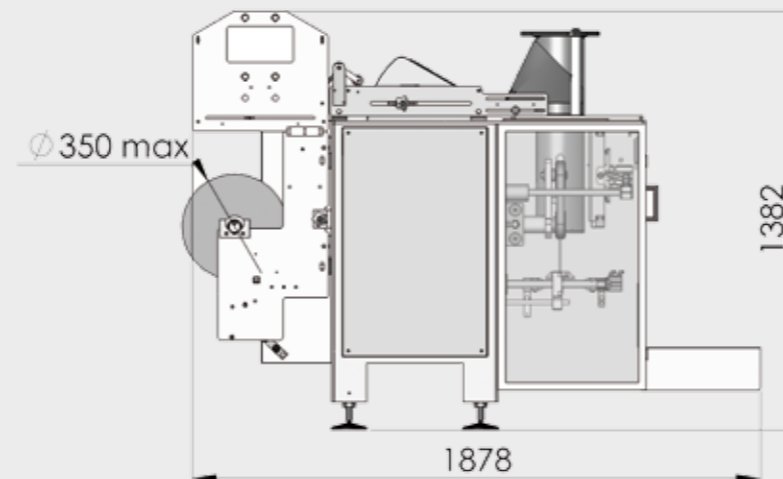
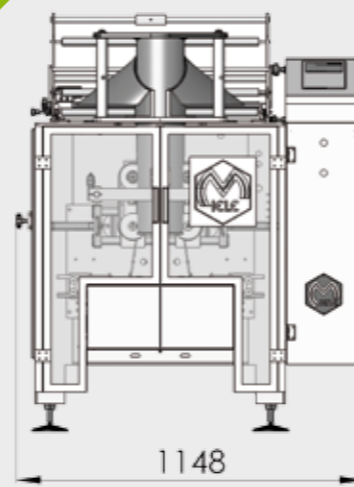
Through the compact and motivated team work of engineering experts, designers and qualified professionals, Miele plans and researches innovative technical solutions day-in day-out.

**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 Lira packaging machine technical data

Standard technical data	LIRA
Machine Height	1395 mm (1)
Machine Width	1100 mm
Machine Length	1995 mm
Unload output conveyor height (opt.)	900 mm
Horizontal jaws activation	Pneumatical
Draw down belts motion	Three phase motor + inverter
Electronic control	PLC Siemens
Operator panel	Alphanumeric display
Electrical power supply	3/N/PE AC 400V 50 Hz
Electrical power consumption (3)	2 Kw
Compressed air consumption (2)	0,9 NI/cycle
Minimum compressed air pressure	6 Bar
Machine weight	400 Kg
Minimum bag width	40 mm
Maximum bag width	290 mm
Minimum bag length	60 mm
Maximum bag length	500 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 the data in this document are subject to change

LIRA



Your challenges. Our solutions.

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# LIRA

## Compact and performing

Lira is a vertical packaging machine with the following features: **AGILITY, QUALITY OF MATERIALS, and DESIGN.** With its characteristics, this machine is the best solution for companies starting up, but also for big companies looking to start niche productions, market tests or occasional productions. Its output capacity reaches 30 packages per minute.

### Why choose it?

- Has significant advantages compared to machines in its entry level category:
  - quality components: Siemens electronics, Festo pneumatics, mechanical parts in top quality material;
  - an industrial concept enabling round the clock use - 7 days out of 7;
  - produces top quality packages, equal to higher level, higher cost machines. Cost savings by limiting maximum production speed;
  - extremely rational and simple to use;
  - almost no maintenance necessary, if a reasonable level of cleanliness is maintained.
- An excellent instrument for experimental productions with low initial investments in equipment and with compact space requirements.
- A flexible and powerful automatic packaging instrument, especially in complete lines designed specifically for this model.
- Easy access to internal parts.

A perfect shape for every 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 activated by a pneumatic cylinder;
- Film drive with independent electronically controlled motorisation.

### Caratteristiche elettriche

- Electrical power supply 380 V 3-phase + neutral + earth;
- Indicative consumption 2 KW;
- All machine functions electronically controlled;
- Control PLC: latest generation series 200 by SIEMENS;
- 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;
- Impulse sealing;
- Inclined for fragile products.

### Main accessories

- Print centring photocell;
- Square bottom and gusseted format;
- Gas injection;
- Printer;
- Timing hopper;
- Bag vibration to settle the product;
- Jammed hopper photocell;
- Labelling unit;
- Clipping unit.

### Dosing systems

- Multi-head weigher;
- Linear weighers;
- Volumetric dosing system;
- Plate dosing system;
- Screw dosing system;
- Counter;
- Synchronised step belt.

