

LA 1500W Weighing and FFS Packaging Machine

Launched in 2020, the LA 1500W weighing and packaging line is an FFS (Form – Fill – Seal) machine designed for packing powdery, loose, or granulated products into bags formed from a film tube. The machine meets the latest technological standards and is ideal for packing products into plastic bags, ensuring a clean, compact, and airtight seal.

The LA 1500W line is adapted for producing bags from polyethylene film tubing with a width tailored to customer requirements, including film tubing with side gussets.

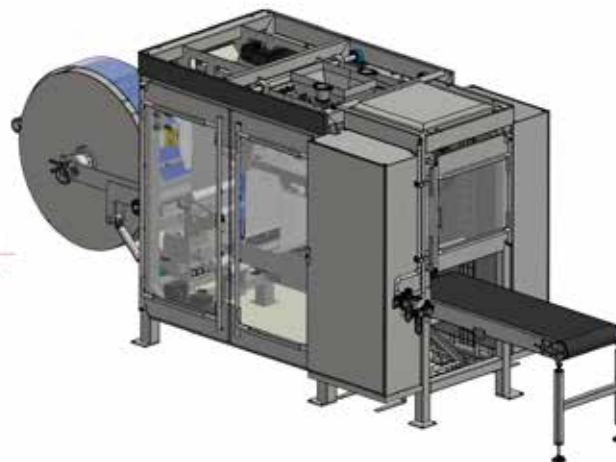
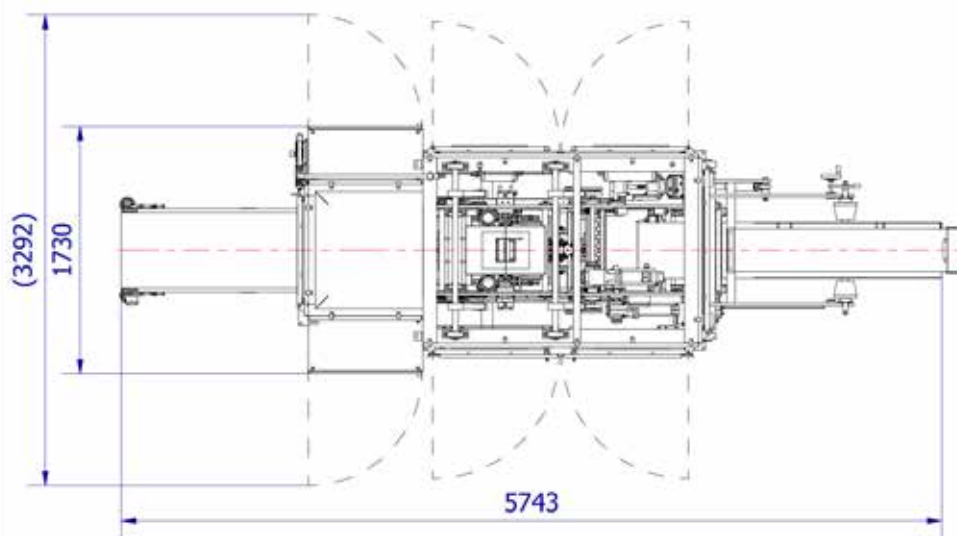
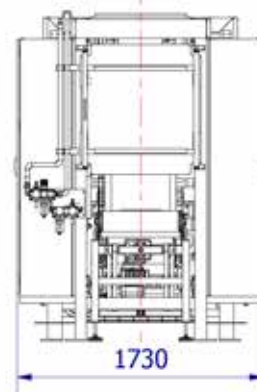
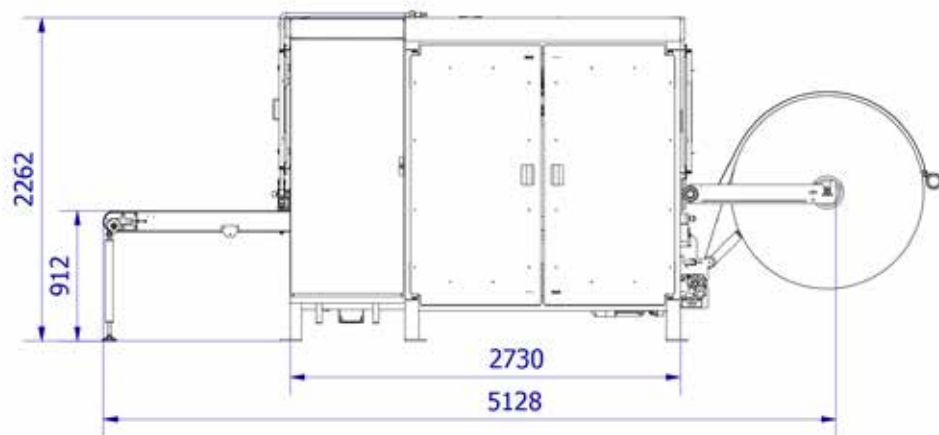
The bag production process from polyethylene film tubing is fully automatic, involving unwinding, sealing the end, and cutting. The properly formed bag is filled and then sealed using a heat sealer. The FFS technology significantly shortens the filling time of individual bags, thereby increasing the maximum efficiency of the line.

The presented LA 1500W line is equipped with two weighing hoppers, which are alternately filled by dispensers selected specifically for the packed product. Thanks to the use of modern bag-forming, dosing, and weighing systems in two weighing hoppers, as well as the efficient transfer of bags between the machine's sections, we have achieved a significant output of up to 1,400 portions per hour.

Basic Components of the Machine:

- Supporting machine frame
- Electronic net weigher – 2 pcs.
- Screw or belt dispenser – 2 pcs.
- Closed spout
- Bag forming system
- Belt conveyor for bag transport
- Bag opening system
- Bag filling system
- Bag sealer





Characteristics of the LA 1500W Line

- Touch control panel
- Adjustable sealing temperature
- Seal cooling system
- Automatic guiding of film tubing and plastic bags
- End-of-film alarm
- Automatic film unwinding system
- Film length measurement via encoder or photocell
- Control system – Siemens PLC
- Servo drives – Sew Eurodrive
- Pneumatic accessories – Festo

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