



Automatic weighing and packaging line type 2aWN/S

Combination of the latest technologies with subassemblies by the leading brands allowed us to create an automatic weighing and packaging line of the 2aWN/S type.

The 2aWN/S type line is an automatic appliance for weighing and packing **loose / powdery** products with the use of **open type bags**.

The presented line is equipped with two scales hoppers which are alternately filled by belt feeders with different diameters. Owing to such combination of subassemblies, we were able to obtain high precision of weighing, as well as considerable efficiency reaching up to **800 batches per hour**.

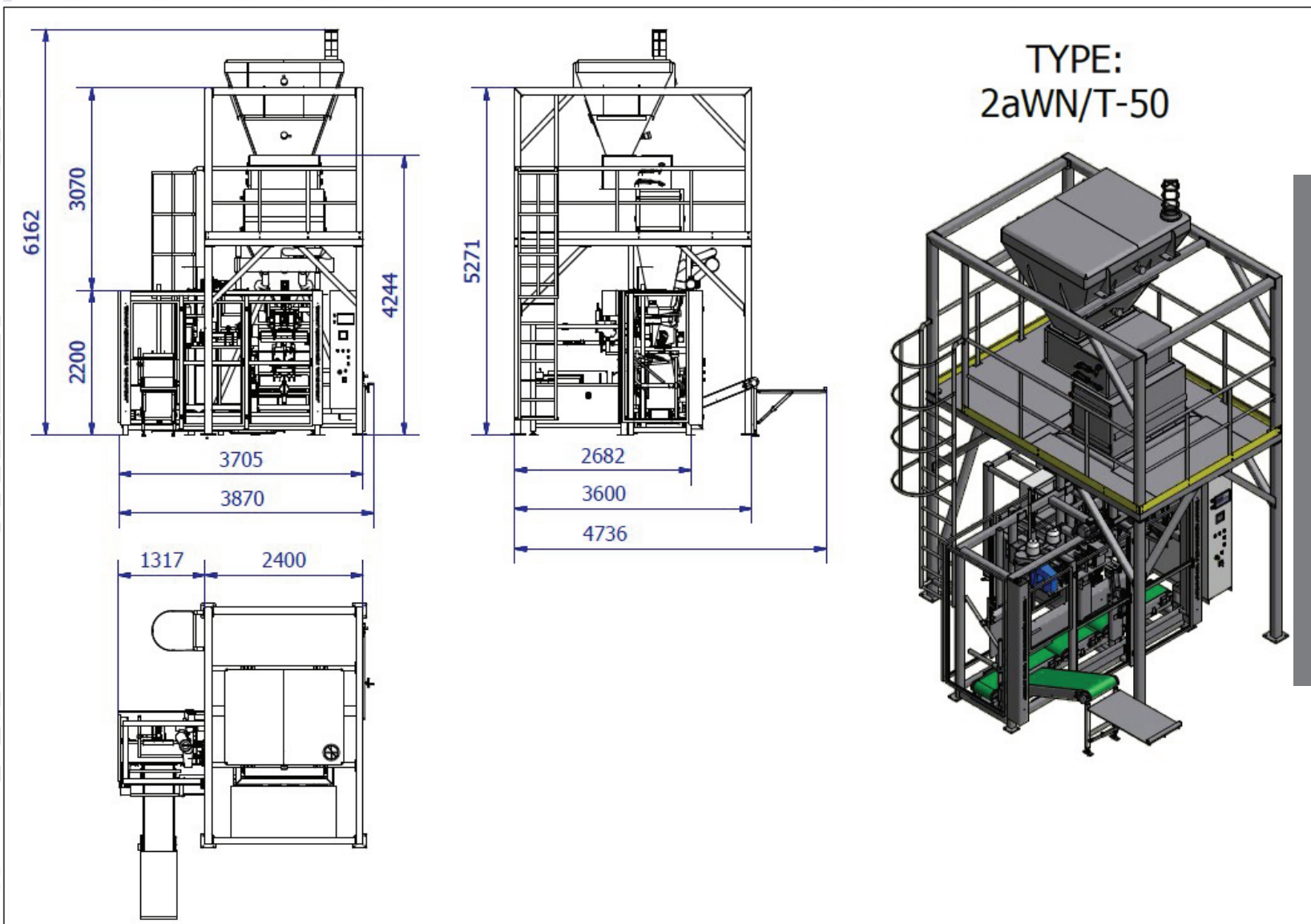
Basic subassemblies of the appliance:

- Line supporting structure with a service platform
- An appliance delivering bags automatically
- Electronic batching scales of the net type – 2 pieces
- Screw feeder – 2 pieces
- Closed mouthpiece
- System for forming bag top
- Carriage for transporting bags
- Applied SEW or LENZE drives/servo drives
- Belt conveyors for transporting bags
- Belt conveyor's height adjustment system
- Bag top guiding system
- Thread continuity sensors
- Double-thread stitcher
- Side belt conveyor of collecting bags with a system for overturning bags
- Clear control system based on Siemens PLC controller with a touch panel

Optional equipment:

- System for folding bag top
- System for applying crepe tape
- System for vacuum sucking out air from product in a bag
- Filled bag vibration system
- Feeder cleaning system
- Impulse or continuously heated sealing unit
- Balancing container located above the scales with a service platform





Basic technical parameters:

- Maximum batch weight: 50kg,
- Minimum batch weight: 10kg,
- Line capacity: up to 800 batches/hour (depending on the product characteristics and batch size),
- Bag type: open bags, multilayer paper bags (up to 4 layers), envelope-shaped bottom bag without side folds are recommended, PE foil bags, PP polypropylene coated bags,
- Bag width: 450 – 650mm,
- Bag length: 600 – 1100mm
- Power supply: 3 x 400V 50Hz,
- Power requirement: max. 6kW,
- Compressed air supply: 5 – 10bar,
- Compressed air consumption 650NI/min,

