

AccuWeight Belt-Fed Weight Filler

Automatic Net Weight Filler

Accutek's AccuWeight Belt-Fed Weight Fillers are filling machines used for filling dry products based on the weight of the product. The product is loaded into a hopper for storage, then fed onto a conveyor belt to maintain a steady flow into the filling machine. Equipped with a precise weighing system based on load cells, the filler detects the product's weight in real-time as it flows through. Once reaching the desired weight, the filling mechanism deposits the product into containers. Operators can adjust fill speed, timing, and cutoff via a controller, ensuring precise management of the product. After filling, containers are transported along a conveyor for further processing. Feedback features include sensors for underfilled or overweight containers, allowing operators to maintain accuracy and quality control, ensuring customer satisfaction.

Key Features:

- Both Semi-automatic or automatic models
- Two weighing stations feeding two nozzles or two weighing stations feeding a single nozzle
- Tool-less sanitary contact parts
- PLC Touch Screen controls
- Stainless steel contact parts
- 99 Job recipes
- One product hopper per nozzle comes installed on the machine
- Each weighing station is fed by an upper and lower level vibrator. The upper vibrator draws product from the storage hopper. The lower level vibrator smooths the product flow maximizing machine accuracy.
- 220v, single phase

Options:

- Bulk Loading Options

Recommended Products this machine can fill:

It's also perfectly suited for packaging various dry granular products such as grains, seeds, and pellets. Furthermore, this machine isn't restricted to food items. It's capable of handling nuts and bolts, small electrical components (individually pcs), and any small pieces that aren't fused together.



Hopper volume: 3000ML
Weight range: 20g-3000g
(according to the product volume and weight)
Speed: 10-12 BPM
(packing 100g product)
Accuracy: $\pm 2\%$ (according to each product size and weight)
Max. Mix product: 2
Preset parameter: 10
load cell weight bucket: 2
Drive: Step Motor
Power Requirement: 220V 60Hz Single phase
Power: 1 KW
Temperature/Moisture: -10 to 40°C 35 to 85%(Non-condensate)
Other: Without other high power motive equipment around. Keep away from sunshine, high temperature and wind.
Machine weight: 295KG