

Single Liquid Filling Machine

100 ML
30 Kg 

[Product Data Sheet](#)



Technical Specifications

TR Max Capacity	5Lt per hour. 180 pcs. 1Lt. 360 pcs.
Hopper Tank	100 ml to 30 kg
Sensitivity	±5 to ±20 g
Filling Range	100 ml / 30 Kg
Indicator	iD 550 6 Bit LED Display MODBUS / RTU / PROFINET / PLC x6 Load Cell
Packaging Options	Pet Bottle, Tin, Container, Bag
Power	220V 50-60hz
Weight	Approximately 100Kg
Body and Legs	Food Grade 430 Stainless Steel, legs M20 Stainless Steel with Rubber Sole
Air	Compressor 6/8 bar
Working Conditions	0 °C ~ 40 °C
Dimensions	Width, Length, Height 90x85x165 cm

Operating Principle

Using a weighing-based system, the machine is capable of filling PET bottles and cans from 100 ml to 30 kg. The weighing platforms corresponding to each filling nozzle are equipped with a 100kg capacity loadceller. This loadceller precisely measures the weight of the bottle or can during filling.

During the filling process, the air and electronic installations controlled by filling indicators are integrated into the machine's chassis. These indicators can be set from 100 ml to 30 kg according to the user's needs.

The measuring system has a maximum error rate ranging from ±5 g to ±20 g with a minimum accuracy of 5 g. This precision ensures that the filling process is carried out extremely accurately.

The air pressure required for the operation of the machine is between 6 and 8 atmospheres. The self-priming pump inside is used to take the filling material from the tank and deliver it to the filling mouth.

The machine operates with 220 volt electricity and consumes 100 watts of energy per hour. This energy efficiency ensures that the machine offers low electricity costs even in long-term use.

Benefits

Our product comes with various options with the possibility of personalisation.

Thermal Receipt Printer



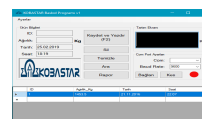
Thermal Label Printer



External Indicator



Weighing Software



Wireless Connection

