

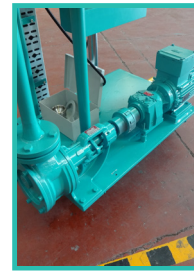
8. FILLING AND WEIGHING MACHINES



8.1. STM - P SERIES LIQUID PRODUCT FILLING AND WEIGHING MACHINES

AREAS OF USE

In addition to being used for paint filling and weighing, especially in the chemical industry, these are the types of machines in which all kinds of liquids of suitable viscosity with fluidity in the cosmetic and food industry are weighed first and then semi-automatically filled. Liquid product filling and weighing machines are quite serial, practical and easy to clean machines. It is capable of filling and weighing up to 6 - 30 pieces per minute (depending on the volume of the product container to be filled and the viscosity of the product) in any desired range from 500 gr to 30 kg.



STANDARD SPECIFICATIONS

The machine is equipped with a pumping system as standard. The level detection system in its own filling vessel automatically activates and deactivates the pump until the product in the production vessel runs out and keeps the filling tank full. Weighing and filling quantity inputs are made electronically with the help of the load cell and indicator system which is standard. An intelligent indicator system makes automatic calibration for each filling and performs very precise filling. All surfaces that come into contact with liquid such as machine vessel, filling nozzles, level measuring rod are manufactured from AISI 304-L quality stainless steel material. The machine is supplied with two different filling nozzles for small and large fillings. The machine is manufactured on a wheeled chassis as standard. Therefore, it can be moved to the desired location. The height of the weighing scale in which the empty container is placed is designed to be adjustable. The machine needs 6 bars of compressed air to operate.

OPTIONAL SPECIFICATIONS

Different sizes of nozzle systems, lid closing and conveyor lines, ex-proof design in ATEX Zone 1 EEX dIIIBT4 standards, recipe controlled semi-automatic or fully automatic PC/PLC control system are optional.

Machine Type	STM-P
Weighing Range (Kg)	0,5 - 30
Pump Power (KW)	3 - 5,5
Vessel Volume (Lt)	200
The Necessary Air Pressure (Bar)	6