

## Precision Three Row Push Weighing Filling Machine

Our Product Introduction

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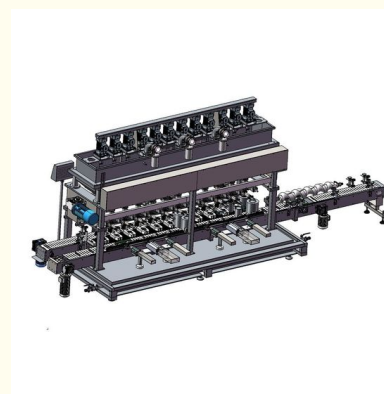
### Basic Information

- Place of Origin: China
- Brand Name: TOM
- Certification: ISO9001:2000, ISO14001, OHSAS18001, CE, CO
- Model Number: LPZ
- Minimum Order Quantity: 1 set
- Price: Negotiable
- Packaging Details: wooden case with iron support inside, suitable for long-term sea delivery
- Delivery Time: 30 working days
- Payment Terms: L/C, T/T
- Supply Ability: 15 per month



### Product Specification

- Filling Range: 10-30L
- Filling Method: Three Row Push And Weighing Type Filling
- Filling Accuracy:  $\pm 3g$  based On Material Characteristics
- Power Supply: AC380V $\pm 10\%$ , 50/60Hz
- Machine Power: Around 8kW
- Filling Heads: 12 Heads
- Yield: 3000 Bottles/h
- Air Pressure: (0.5-0.7) MPa
- Highlight: 10-30L Weighing Filling Machine, Precision Weighing Filling Machine, High Speed Weighing Filling Machine



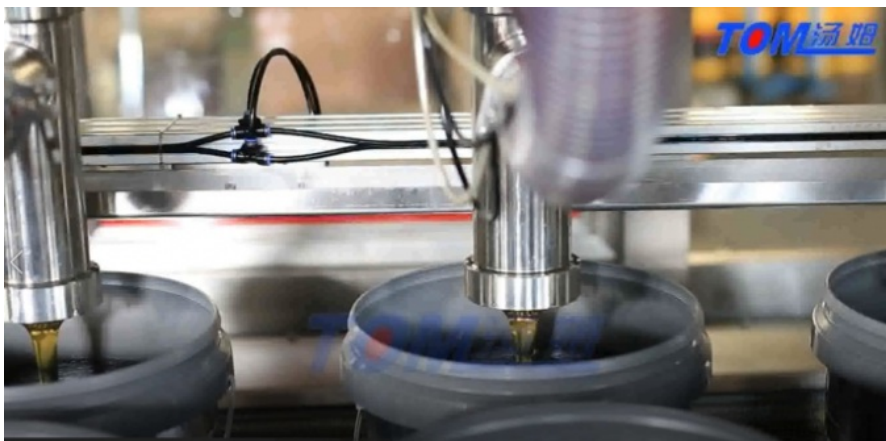
## Overview:

The automatic three-row-push weighing filling machine adopts three-row-push filling mode, which means Infeed bottle in the first row, filling with weighing sensor in the second row and outfeed bottle in the third row to be conveyed, non-interfering at the same time, thus achieving a fast and accurate filling.

This machine has been into stable use in CNPC, Risen Energy, FUCHS, LUKOIL, Tongyi Lubricant, NACO, Lanzhou Lubricant and other Chinese or International petrochemical enterprises.

## Advantages:

1. The parts of the machine in contact with the material are made of high quality stainless steel, valves and pipelines are sanitary requirements;
2. The bottom of the machine is installed with universal wheels, which can move the machine freely.
3. The machine is equipped with a leak catching plate to avoid material dripping on the conveying drum and weighing table.
4. The electrical part is controlled by programmable logic controller (PLC), touch screen and weighing instrument; filling is done by down-diving two-speed filling, which has the advantages of stable and reliable work, easy operation, good human-machine interface and high accuracy of filling measurement.



5. The machine adopts down-diving filling, it can realize three modes - filling while rising, filling after rising, barrel mouth filling; according to the material characteristics to choose the submerged mode. The materials that are easy to produce foam generally adopt the mode of rising while filling, which can effectively avoid the materials from producing foam when filling.
6. Filling quantity can be set freely, which can adapt to the quantitative filling of many specifications.
7. This machine is equipped with automatic protection function of pressing barrel, which is used to automatically recover and not execute filling when the filling nozzle is not inserted into the barrel.
8. The machine uses the working principle of self-flow weighing to realize the control of filling volume. When filling, the time of filling valve opening is controlled by PLC of programmable controller, and the material in the material box flows into the container to be filled by itself.



9. The feeding of this machine can be fed by pump, or by high level tank. If high level tank is used, the high level tank outlet should be about 2.5m to 3m higher than the feeding port of the machine. Connect the liquid feeding pipe with the high level tank channel, and install the stop valve and filter before the feeding pipe, so that no foreign matter and garbage can enter the pipe.
10. The machine is equipped with a fast feeding valve and a slow feeding valve. The fast feeding valve opens at the beginning of the filling process for fast filling, and the fast filling valve closes after the specified filling time, while the slow feeding valve opens for slow filling until the set filling volume.
11. The machine is equipped with several alarm programs, which is convenient for users to troubleshoot the machine.

## Packaging & Shipping:

The machine is packed by non-fumigation wooden case, and for keeping the wooden case more secure, we inserted the iron

support inside wooden case, makes it suitable for long-term sea delivery.



#### Company Overview--Jiangsu Tom Group

Jiangsu Tom Group factory covers an area of 150 acres and has a construction area of 120,558 square meters. It has 710 employees, 2 doctoral students, 30 master students, and 358 undergraduates. It has obtained ISO9001 quality system. Certification, ISO14001 Environmental Management System Certification, OHSAS18001 Occupational Health and Safety System Certification, CE Certification, Jiangsu Province Specialized Specialized New "Little Giant" Enterprise, Changzhou Specialized Specialized New Small and Medium Enterprise, 125 National Utility Patents and 26 National Inventions patent. Over the past 24 years, after the hard work of Tom people, Tom Group has continued to innovate and develop, keeping pace with the times, providing generations of advanced intelligent packaging equipment for more than 3,300 chemical companies, and building Industry 4.0 intelligent factories for customers; Provide automated three-dimensional warehouse; create smart factory production data acquisition and execution system (MES) for customers.



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