

300—2000ml Flexible Bottle Compatibility High Precision Filling Wide Viscosity Range Edible Oil Food Detergent Level Control Filling Machine Automatic

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: DGP-16S
- Minimum Order Quantity: 1 set
- Price: Negotiable
- Delivery Time: 30 working days
- Supply Ability: 20 per month

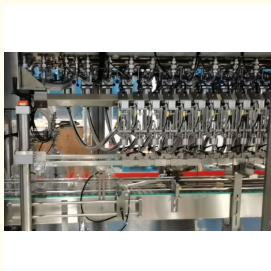


Product Specification

- Machine Dimension: 3000mm X 1450mm X 2750mm
- Applicable Bottle Mouth: $\geq \phi 18\text{mm}$
- Applicable Bottle: L: 40-95mm W: 40-95mm H: 80-230mm
- Filling Range: 0.3-2L
- Machine Power Supply: AC380V $\pm 10\%$, 50/60Hz
- Machine Power: 1.5KW
- Working Air Pressure: (0.5-0.7) MPa Dry, Clean And Stable Gas
- Production Capacity: ≥ 3000 Bottles/h (based On 500mL Bottles)
- Filling Precision: $\pm 1.5\text{ml}$
- Highlight: Food Edible Oil Filling Machine, 2000ml Edible Oil Filling Machine, 300ml automatic edible oil filling machine



More Images



Product Description

Overview:

This equipment is a level control filling machine, which adopts PLC and HMI automation control. It has the advantages of accurate measurement, advanced structure, smooth operation, low noise, and fast filling speed. Suitable for 0.3-2L bottles, widely used in industries such as seasoning, edible oil and personal care. The main material is 304 material, and the part in contact with the material is 316 material, with no dripping or leakage during operation.

Advantages:

1. The parts of the machine that have contact with materials are made of high-quality stainless steel, and the valves and pipelines meet hygiene requirements; The old type filling nozzle from other company will deform slightly after long period operation time, leading to the foam leakage during filling. While our new type filling nozzle uses an independent cylinder for controlling, which can prevent foam from leaking, and each nozzle can be adjusted individually.



2. Automatically complete operations such as conveying, bottle feeding, self flowing filling, and bottle discharging;



3. The machine adopts programmable PLC control and a touchable human-machine interface, making the overall operation simple and intuitive;



4. The changeover of feeding nozzle's specification can be without tool; All adjustment parts are engraved with scales, making adjustment convenient and intuitive; All the discharge pipelines are of quick installation clamp type, easy to maintain;

5. The machine is equipped with a vacuum suction system, which can extract excess materials from the bottle, ensuring that the liquid level is in a particular position and greatly improves the filling precision and stability ; At the same time, the material pumped by vacuum tank is recycled to the designated material bin through a diaphragm pump.



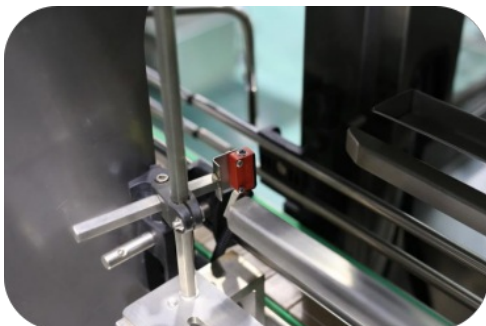
6. The machine is designed with a material discharge outlet on the side, a quick release valve and connector for easy disassembly.

7. This machine uses the following working principle to control the filling volume: $\text{flow rate} \times \text{time} = \text{filling volume}$ to control the filling volume.

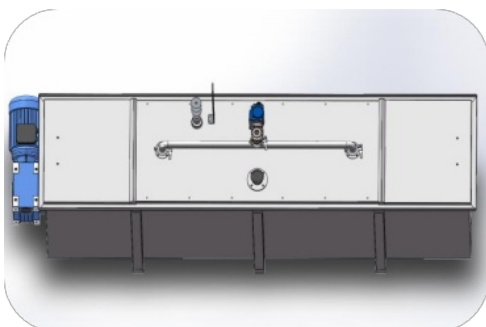
8. The machine is equipped with multiple specification parameters selection, making dose and action adjustment more convenient and efficient;



9. This machine is equipped with multiple alarm programs to facilitate users in troubleshooting the machine and a safety lock that cannot be opened when powered on.



10. There is a photoelectric sensor installed at the bottle infeed, no filling without bottle, automatic stop alarm when there's a reverse bottle, and quick release clamp connection below the material tank for easy disassembly. All pipeline joints are equipped with anti drip gaskets to ensure that the equipment will not penetrate or drip after long-term use



11. There is a cleaning spray ball above the material tank, which can be sprayed with corresponding cleaning solution to rinse the inside of the material tank. There is a cleaning solution interface and a three-way valve above the material tank. Users can control the rinse procedure on HMI. The material feeding is detected by a liquid level float, and when it is low, the feeding valve opens automatically for feeding; When it is normal, stop feeding. When switching materials, simply select the corresponding tank to automatically open the conversion valve below and close the conversion valve of the backup tank.

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

Tom "The Little White House"

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.



Company covers an area of 150 mu



Office building



New factory processing center



Old factory processing center



Assembly workshop



After-sales service big data service center



Large meeting room



Reception room



Packaging material display area



Model workshop



Jiangsu TOM Intelligent Equipment Co., Ltd.,

+86 13306111001

tech@cn-tom.com

tom-packs.com

No.99, Rulin Town, Jintan District, Changzhou City, Jiangsu Province, China.