

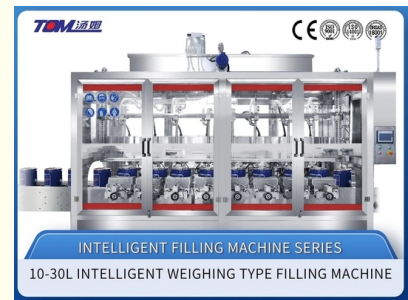
Automatic 10-30L Small Neck Drum Positioning Filling Machine | Mouth-Searching Drum Filler

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: TOM
- Certification: CE/ISO9001
- Model Number: DGP-CZ-4D
- Minimum Order Quantity: 1 set
- Price: Negotiable
- Packaging Details: 2300 mm(L)*2000 mm(W)* 2500 mm(H)
- Delivery Time: 30 working days
- Payment Terms: L/C, T/T
- Supply Ability: 25 Sets Per Month



Product Specification

- Features: High Accuracy, Explosion-Proof Option, Drip-Proof Design, Wide Compatibility
- Filling Capacity: 5-30KG
- Material: SUS 304 Or 316L
- Certification: ISO9001, CE, ISO, CE/ISO
- Applicable Industries: Chemical, Lubricant, Coatings, Solvents, Cleaning Agents, Food Additives
- Machine Type: Weight Filling
- Filling Accuracy: +/-0.5%
- Cleaning: Easy-to-clean
- Power: AC220V/380V, 50Hz
- Positioning System: Automatic Drum Positioning With Vision Mouth-Searching



More Images



Product Description

Product Description: 10-30L Small Neck Drum Positioning & Mouth-Searching Filling Machine

Introduction

The 10-30L Small Neck Drum Positioning and Mouth-Searching Filling Machine is a high-precision automatic liquid filling solution specially designed for the chemical, lubricant, paint, food, and pharmaceutical industries. Equipped with an intelligent vision positioning system and automatic mouth-searching technology, it ensures accurate alignment with the small drum opening, prevents spillage, and enhances filling safety and efficiency.

Applications

This machine is widely used for filling lubricants, coatings, cleaning agents, solvents, and chemical additives into 10-30L small-neck drums. It is ideal for medium to large-scale production lines requiring high accuracy and automation.

Key Advantages

- ✓ High Accuracy: Electronic weighing system with $\pm 0.2\%$ filling precision.
- ✓ Smart Positioning: Vision system automatically detects and aligns drum openings.
- ✓ High Automation: Integrated bucket positioning, mouth-searching, filling, and resetting.
- ✓ Wide Compatibility: Fits various 10-30L small-neck drums.
- ✓ Safety Features: Drip-proof design, explosion-proof options for hazardous chemicals.

Technical Specifications

Item	Specification
Filling Range	10-30L
Filling Speed	180-300 drums/hour
Filling Accuracy	$\pm 0.2\%$
Power Supply	AC 380V / 50Hz
Power	2.5KW
Control System	PLC + Touch Screen
Positioning Method	Vision Mouth-Searching + Auto Adjustment
Material	SUS304 / SUS316L

Working Process

Drum Loading → Automatic Positioning → Mouth Searching → Filling → Reset → Output Conveyor → Automatic Counting

Operating Instructions

Place the drum on the conveyor and start the machine.

The system automatically detects the drum position and mouth opening for alignment.

Filling starts with weight-controlled precision.

After filling, the drum moves to the next process automatically.

After-Sales Service

- ✓ 12-month warranty
- ✓ Installation, commissioning, and operator training provided
- ✓ 24/7 technical support and lifetime maintenance service

FAQ

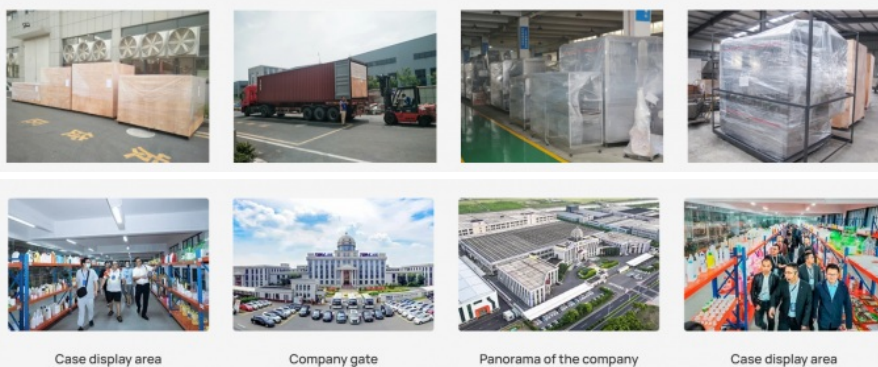
Q1: What type of liquid is this machine suitable for?

A1: It is suitable for lubricants, chemical liquids, coatings, and other non-granular liquids.

Q2: Can the machine be customized?

A2: Yes, customization is available based on drum mouth size and liquid properties.

Packaging & shipping:



Company Overview--Jiangsu Tom Group



Tom "The Little White House"

Jiangsu Tom Group is an enterprise specializing in the production of pesticide / veterinary medicine, fertilizer and chemical intelligent equipment. The 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 pesticide / veterinary medicine, fertilizer and 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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