

Automatic Pesticide Piston Filling Machine High Precision Liquid Filling Equipment

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: TOM
- Certification: CE/ISO9001
- Model Number: DGP-Z-20D
- 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

- Voltage: 220V/380V, 50、60Hz
- Material: SUS 304 Or 316L
- Certification: ISO9001, CE, ISO, CE/ISO
- Warranty: 1 Year, 12 months, One Year
- Machine Type: Piston/volume Filling
- Filling Accuracy: +/-0.5%
- Filling Range: 50-1000ml
- Weight: 1500 KGS
- Highlight: High Precision Liquid Filling Equipment, Automatic Pesticide Filling Machine, High Precision Piston Filling Machine



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Pesticide Filling Machine Introduction

The pesticide filling machine is an automated packaging device designed specifically for liquid pesticides, high-concentration pesticides, and emulsifiable concentrate products. It is widely used in agricultural chemical companies, pharmaceutical factories, and chemical industries. The machine ensures accurate filling volume with its high-precision filling system, significantly improving production efficiency and packaging quality.

Applications and Advantages

This machine is suitable for the quantitative filling of various liquid pesticides, herbicides, insecticides, and plant growth regulators. Major advantages include high automation, accurate filling, simple operation, and adaptability to different bottle types, which effectively reduce labor costs and waste.

Core Keywords

Pesticide filling machine, automatic filling machine, liquid packaging equipment, agricultural equipment, high-precision filling, filling production line

Main Specifications and Parameters

Item	Description
Filling Range	50ml-1000ml (customizable)
Filling Accuracy	±0.5%
Filling Speed	1000-6000 bottles/hour
Power Supply	AC220V/50Hz
Power	2.5KW
Suitable Bottle Types	Round, square, irregular
Air Pressure	0.6-0.8MPa

Process Flow

Automatic bottle feeding → Automatic filling → Automatic cap placing → Automatic cap screwing → Automatic labeling → Finished product conveying → Packaging

User Instructions

Check power and air supply connections before starting the equipment;
Adjust the filling head and conveyor belt width according to the bottle type;
Set the filling parameters and liquid volume;
Start the machine after loading the raw material, and the machine will operate automatically;
Clean the filling components after daily use to prevent residue from blocking.

After-Sales Service

We offer a 12-month warranty and lifetime technical support. Our 24-hour customer service is available, providing free operator training and on-site maintenance services as per customer requirements.

Frequently Asked Questions (FAQ)

Q: Can the machine fill different types of pesticides?

A: Yes, the machine can fill different viscosities of liquid pesticides, and cleaning is required when switching liquids.

Q: Can the filling volume be adjusted?

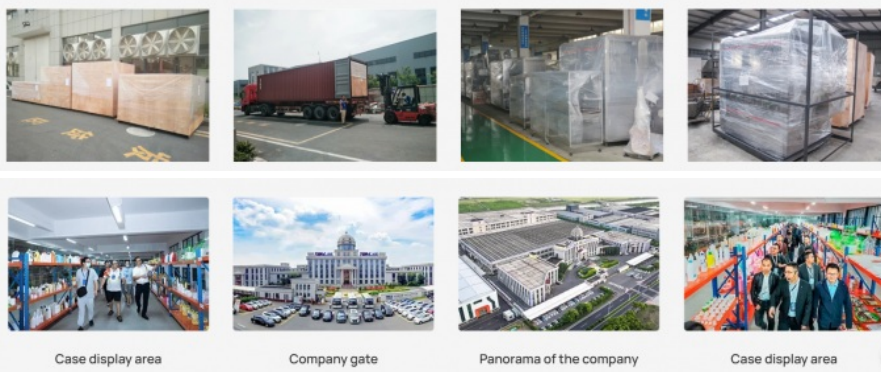
A: Yes, the filling parameters can be adjusted via the touch screen, which is easy to operate.

Q: Can the machine be integrated with an automatic labeling system?

A: Yes, it can be seamlessly connected with labeling, sealing, and other post-packaging equipment.



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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