

DGP-CZ-300 Semi Automatic SUS304 Weighing Filling Machine

Our Product Introduction

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Basic Information

- Place of Origin: China
- Brand Name: TOM
- Certification: CE/ISO9001
- Model Number: DGP-CZ-300
- Minimum Order Quantity: 1 set
- Price: Negotiable
- Packaging Details: Sea Worthy Packing
- Delivery Time: 30 Working Days
- Payment Terms: L/C, T/T
- Supply Ability: 30 sets per month



Product Specification

- Automatic Grade: Semi-Automatic
- Voltage: 220/380V
- Materials: SUS 304
- In-feed Direction: From Left To Right
- Filling Type: By Weight
- Filling Range: 100-300kg
- Highlight: SUS304 Weighing Filling Machine,
Semi Automatic Weighing Filling Machine,
300kg weighing and filling machine

DGP-CZ-300 Semi-automatic PLC Controlled SUS 304 Weighing filling machine

Host overview:

This product can be widely used in automatic filling of industries such as agrochemical, coating, lubricating oil, manual placing the drum in filling workstations, automatic quantitative filling (divided into coarse filling and fine filling), filling heads can be divided into bottom for filling, effectively prevent foaming, adopt PLC programming control, operate simple, convenient and easy to use. Small area, stable, reliable, high degree of automation, low labor intensity. It is an ideal packaging machine for agricultural and chemical coatings, lubricants and other industries.

Major parameter:

Filling head	1 head
Filling range:	100-300kg
Precision	±0.2%F.S.(test with water)
Capacity	200KG:about 40drums/hour(test with water, limited by manual operation speed)
Power supply	380V;50Hz
Power	0.75KW
Dimension	800mm×1700mm×2100mm
Machine weight	About 600 kg

Machine's Main picture:



Main technical parameters:

High precision: METTLER TOLEDO weighing sensor ensures the high precision of filling measurement.

The electric control system of the whole machine adopts well-known electrical brands (Schneider, Siemens, etc.) and integrates the electric control system, which is more stable, reliable, safe and low energy consumption. (the electrical configuration can be changed according to the customer's requirements)

Using principle of gravity weighing to realize the control of filling quantity. When filling, the signal is given by the weighing sensor, and the filling valve is controlled by the PLC; the machine has no material box, and the user's pipeline is directly connected to the interface of the machine, so the structure is simple and the cleaning is convenient, and the quick installation interface is adopted for the joints, which is convenient for disassembly

The filling part of the machine is composed of fast filling and slow filling. At the beginning of filling, the fast filling valve and slow filling valve are all opened for fast filling; when the filling reaches the fast feeding value, the fast filling valve is closed, and the slow filling position is used for slow filling to ensure the accuracy of filling volume; when the filling reaches the target feeding value, the slow filling valve is closed. All parts in direct contact with materials are made of SUS304 stainless steel.

The filling system of the machine is designed with a special plugging device to prevent the material dripping after filling. the machine has a good function of diving and defoaming (according to the characteristics of materials). It can automatically adjust the rising speed of the filling pipe according to the speed of the feed flow to reduce the foam in filling process.

Electrical parts:

The electrical part are in top side of machine, can prevent water and material inside it, safety and environmental.



Packaging & shipping:

All the machines are wrapped with film, and then fixed with carbon steel , outside use plywood case packed which totally suitable long distance sea shipping.



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

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