

# DF-5000 Powder Filling Machine

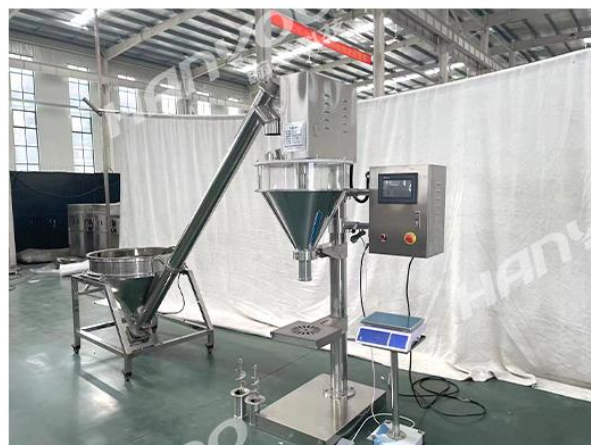


**EQUIPMENT  
TECHNICAL PARAMETER**

**南京翰洋智能设备有限公司**  
NANJING HANYOO PHARMATECH CO., LTD.



# DF-5000 Powder Filling Machine



## MACHINE INTRODUCTION

This packaging machine is suitable for quantitative packaging of powdered materials in industries such as pharmaceuticals, chemicals, food, and agricultural by-products, such as milk powder, starch, pesticides, veterinary drugs, premixes, additives, seasonings, feed, enzyme preparations, etc.

## MACHINE FEATURES

1. The packaging machine integrates mechanical and electrical functions, and is controlled by a LCD touch screen PLC;
2. It has functions such as automatic measurement and filling, automatic adjustment of measurement errors, etc;
3. Fast speed: Adopting spiral cutting and light control technology;
4. High accuracy: Adopting a control principle that combines servo motor or stepper motor filling and electronic weighing feedback;
5. Wide packaging range: Within 30-5000g, the same equipment can be adjusted and replaced with different specifications of cutting screws through the weighing interface on the display screen;
6. Wide application range: It can be used for powder or powder particle mixed materials with certain fluidity;
7. Errors caused by changes in material density and material level can be automatically tracked and corrected;
8. Photoelectric induction cutting, only manual bagging is required, the bag opening is clean and easy to seal;
9. The parts in contact with the materials are made of 304 stainless steel material, which is easy to clean and prevents cross contamination.

## TECHNICAL PARAMETERS

MODEL	DF-5000
Filling Specifications	30-5000g
Filling Speed	1000-3500 bag/hour
Filling Precision	±1%
Overall Dimensions	L×W×H (690×1060×2000)mm
Power Supply · Power	AC380 50HZ·1500W
Weight	250kg

## ELECTRONIC PART LIST

NO.	NAME	MODEL	MANUFACTURER	REMARKS
1	Touch screen	DOP-10BV	Delta	
2	PLC	DVP16ES2	Delta	
3	Filling motor	servo motor E21310RS	Delta	1.0KW
4	drive	ASDA-B2	Delta	
5	Mixing motor	GV-22-400	TAI LI	400W
6	Silo	50LAll steel silo	HANYOO	304 material quality
7	Switching Mode Power Supply	MS-50-24	MEAN WELL	
8	Leakage protection	NR4-12.5	Chint	
9	Trinomial solid state	TSR — 40DA	schneider	
10	switch	Y90	Red Wave	
11	Load Cell	L6B-10kg	AVIC Survey	
12	Weighing instrument	1TW	Arid	
13	Photoelectric switch	E3F-DS15C4	Shanghai Shanggong	
14	Cutting spiral	φ12-φ70	HANYOO	

A dark blue horizontal banner featuring various medical and pharmaceutical icons in a lighter blue color. The icons include a blister pack of pills, a medicine bottle with a cross, a spilled pill, two pills, a pill bottle, two tablets, an ampoule, and another blister pack.

# **HANYOO**

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