

郑州永特机械有限公司
ZHENGZHOU VTOPS MACHINERY CO., LTD.

Skype: yong2080
QQ: 601591828
ADD: Building 10, National University S&T Park,
High-Tech Industrial Development Zone, Zhengzhou City, Henan Province, China.
P.C.: 450000
Web: www.vtops.com

website: www.vtops.com



A Packaging Machines
Manufacturer Since 2001

Ms Lisa Yue (Supervisor)
Familiar language: English
WhatsApp QR Code:



Ms Zoya Qin
Familiar language: English, Russian
WhatsApp QR Code:



Ms Miya Zhu
Familiar language: English, Spanish
WhatsApp QR Code:



Product Catalogue

40,000 Square Meters



郑州永特机械有限公司
ZHENGZHOU VTOPS MACHINERY CO., LTD.



COMPANY

PROFILE | 公司简介



Zhengzhou Vtops Machinery Co., Ltd. founded in 2001, is located in Zhengzhou, Henan province, the geographical center of China. The company is ideally situated with easy access to aviation, rail and truck transport services. We design and manufacture fully automated packing and filling machines.

"There is no best, only better" are not just words to us but a way of life. We are able to better meet and exceed your diverse product needs by providing designs that are exactly suited to your requirements. Your satisfaction is our motivation.

We encourage you to bring your needs to us and give us the opportunity to provide you with exactly what you need. We know that your products and business are valuable and when you choose one of our systems you are making a choice of guaranteed excellence.



PRODUCT

CATEGORIES

01 Auger Doser

干粉灌装机
Dry Powder Filling Machines

01.01 Semi-Automatic Auger Dosing Filler Machine	P07-09
01.02 Automatic Auger Dosing Filler	P10
01.03 Automatic Multiple Auger Dosing Filler	P10
01.04 Automatic Auger Dosing Filler	P11
01.05 Fully Automatic Powder Filling Capping Labeling Line	P12

02 Vibratory Weigher

颗粒称重灌装机
Granular Weigh Filling Machines

02.01 Semi-Automatic Vibratory Weigher Machine	P13-14
Automatic Granule Filling Capping Line	P15
Automatic Granule Filling Capping Line	P15
Automatic Rotary Granule Filling Machine	P16
Automatic Rotary Granule Filling Machine	P16

03 Big Bag Bagger

大袋包装机
5KGS-50KGS Big Bag Bagging Machine

03.01 50KGS Big Bag Bagger for Dry Powders	P17-P18
03.02 50KGS Big Bag Baggerfor Granular Solids	P19-P20

04 Liquid Filler

伺服膏体灌装机
Servo Pump Liquid / Sauce / Paste Filling Machine

04.01 Small Vial Liquid Filling Capping Machine	P21
04.02 Liquid Filling Capping Machine	P21
04.03 Liquid Filling Capping Labeling Machine	P21
04.04 Automatic Granule Sauce Filling Line	P21
04.05 Servo Pump Paste Filling Machine	P22

05 Capper Machine

旋盖机
Capping Machines

05.01 Semi-Automatic Capping Machine	P23
05.02 Automatic Capping Machine	P23-24
05.03 Semi-Automatic Semming Machine	P25
05.04 Automatic Semming Machine	P25
05.05 Vacuum Infil Nitrogen Seaming Machine (VTOPS-S-VN)	P26

06 Labeler Machine

贴标机
Labeling Machines

06.01 Semi-Automatic Labeling Machine	P27
06.02 Automatic Labeling Machine	P28

07 Sealer Machine

封口机
Sealing Machines

07.01 Band Sealers	P29
07.02 Induction Seale	P30
07.03 Other Sealer Machinesr	P30

08 Feeder & Elevator

上料机
Feeding Machines

08.01 Screw Conveyor feeder	P31
08.02 Bucket Elevator	P31
08.03 Vacuum Conveyor Feeder	P31
08.04 Bottle Feeder / Unscrambler	P32
08.05 Climbing Style Elevator Feeder	P32
08.06 Z Elevator Feeder	P32

09 Sachet Packer

小袋包装机
Sachet Fill & Seal Packing Machine

Automatic Packing Machines (VTOPS-DXD)	P33
Automatic Powder Packing Machine (VTOPS-DXDP)	P33
Automatic Granule Packing Machine (VTOPS-DXDG)	P33
Automatic Liquid Packing Machine (VTOPS-DXDL)	P33



10 VFFS Bagger

全自动立式包装机
Vertical Form Fill Seal Packaging Machines

10.01 Models of VFFS Packaging Machine	P35
10.02 Recommended Combination Configuration	P36



11 PFS Packaging

全自动给袋式包装机
Pick Fill Seal Packaging Machine

11.01 Models of PFS Packaging Machine	P37
11.02 Recommended Combination Configuration	P38



12 Multihead Weigher

多头秤
Multihead Weighers

12.01 Models of Multihead Weigher	P39
12.02 Recommended Combination Configuration	P40



13 Supporting Machines

辅助配套机械
Supporting Machinery

13.01 Supporting for Milk Powder Filling Canning Line	P41
13.02 Horizontal Ribbon Blender Machine	P42
13.03 Check-weigher and Metal-detector	P42

Part of Customer Case



山东东阿阿胶



山东鲁抗医药



安徽洽洽食品



广东美味鲜食品



河北养元汇智饮品



河北威远生化



中节能金峰农业科技



北京赛品咖啡



郴州邦尔泰苏仙油脂



赤峰市瓜子张食品



福建文鑫莲业股份



浙江正味食品



江苏味门食品集团



四川友嘉食品



内蒙古奈伦淀粉工业



广东金发科技



北京建华春生鱼饵



北京金固防水



成都中牧生物



大北农集团

Part of Customer Case



甘肃酒泉大得利制药



河南正大集团



北京老才臣食品



河北冠龙农化



河北金丰药业



河北远征药业



河北征宇制药



河北正大鸿福药业



河南华牧药业



河南牧鹤集团



河南农达生化



湖北康源药业



粮老大(湖南)食品



湖南义丰祥实业



张家口现代牧业



昆明大唐厨师食品



郑州帝益肥实业



青岛金建莱生物



青岛鲜品屋实业



山东圣丰豆业

01 Auger Filler

粉剂灌装机
Powder Filling Machines

01.01 Semi-Automatic Auger Dosing Filler Machine

Semi-automatic auger fillers are a type of semi-automatic powder filling machine. They are convenience and well suited for the filling tiny powder, ultra-fine powder, micro small granules and other similar materials.

Each auger filler is building on the reliable heavy-duty stainless steel frame. All the contact parts are made by food grade materials of 304 stainless steel. Therefore, semi-automatic auger filler is your idea choice for any customer that desires economical, low cost, repeatable and accurate filling of fine powders, small granules, and other similar products.



VTOPS-P2 (Hot Sales)



Auger Dosing Filler



Inner Visible Hopper



Easy Clean Hopper



VTOPS-P2C (Fill-By-Weight)

Technical Parameters ▶

For: Pre-made pouch
Filling Weight: 500 grams - 6 kg
Filled Accuracy: ≥ 99.7 %
Filling Speed: 0-8 fills/min
Powder: AC 1P 220V 50Hz 0.9Kw
Machine Weight: 200 Kg
Dimensions: 800×800×1960 mm



VTOPS-P2D (Fill-By-Weight)

Technical Parameters ▶

For: Bottle, Jar, Tin Can
Filling Weight: 100 grams - 10 kg
Filled Accuracy: ≥ 99.7 %
Filling Speed: 0-10 fills/min
Powder: AC 1P 220V 50Hz 0.9Kw
Machine Weight: 200 Kg
Dimensions: 800×800×1960 mm



VTOPS-P6 Auger Dosing Filler (Pro)

Technical Parameters ▶

For: Bottle, Jar, Tin Can
Filling Weight: 5 grams - 10 kg * [1]
Filled Accuracy: ≥ 99.0 %
Filling Speed: 0-10 fills/min
Powder: AC 1P 220V 50Hz 0.9Kw
Machine Weight: 200 Kg
Dimensions: 800×800×1960 mm



Recommended Combination Configuration

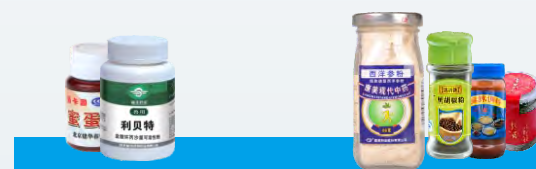
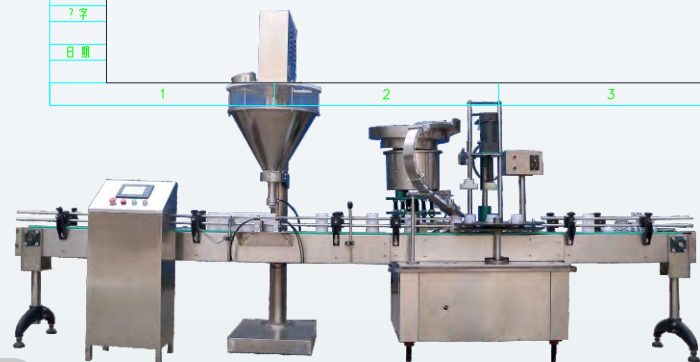
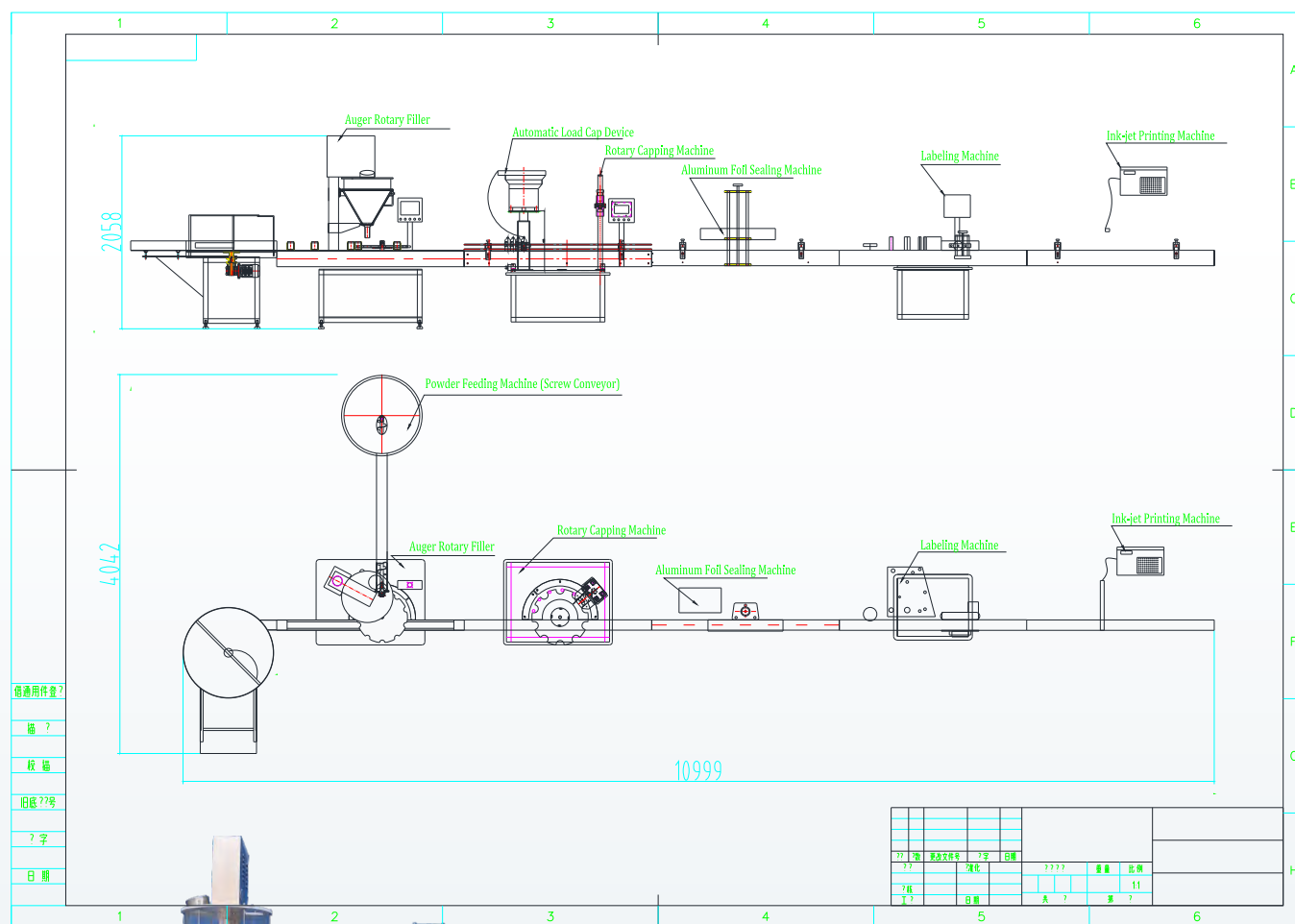
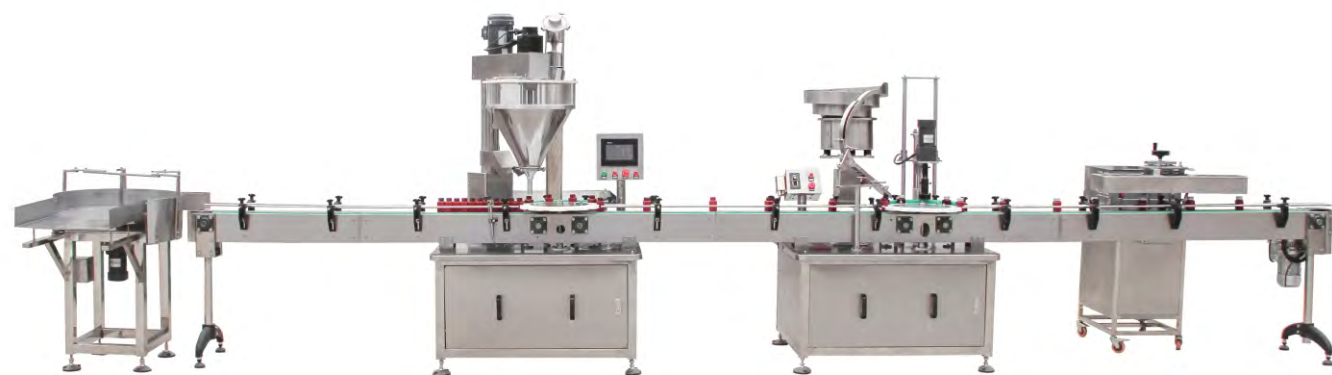
01.02 Automatic Auger Dosing Filler



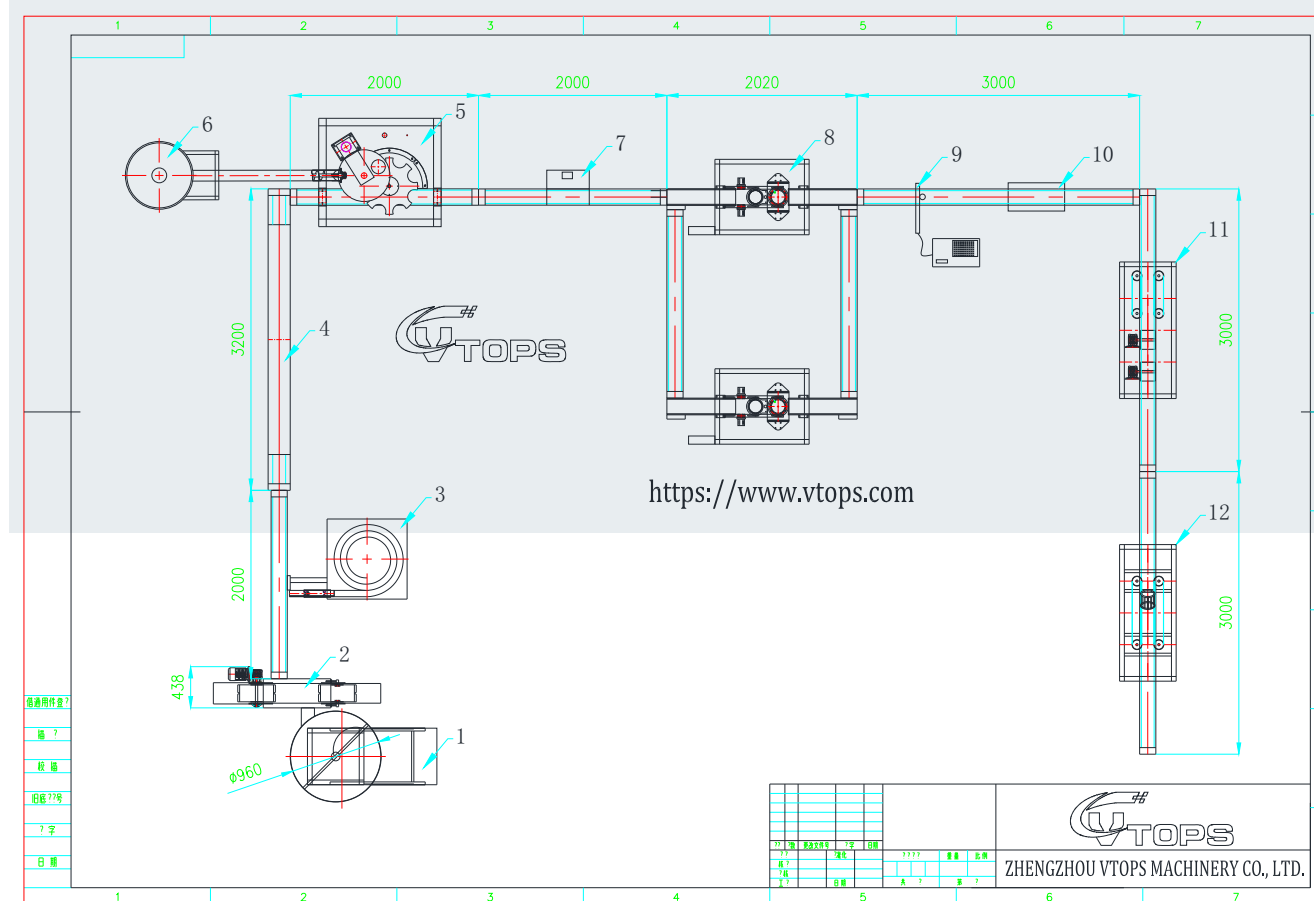
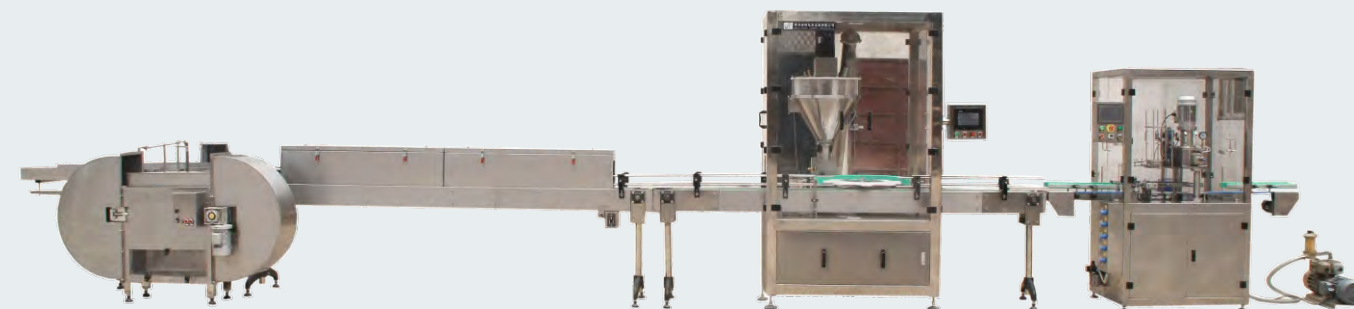
01.03 Automatic Multiple Auger Dosing Filler



01.04 Automatic Auger Dosing Filler



01.05 Fully Automatic Powder Filling Capping Labeling Line



02 Vibratory Weigher

颗粒灌装机
 Granular Weighing Machines

02.01 Semi-Automatic Vibratory Weigher Machine

Those series machines mainly applied to granule, mixed granule and powder, strip, pieces, and other materials linear weighing and quantitative filling. Such as: fertilizer, feed, Chinese Herbal Medicine, Chinese medicine granules, premixes, washing powder, casual food, candy, melon seeds, peanuts, salt, monosodium glutamate, beans, grain, seeds, food, hardware and other granular materials linear weighing and quantitative filling.

Features ▶

- LCD touch screen with Chinese and English, PLC control.
- High precision linear weigher scales weighing.
- All stainless steel, contacted material is SS304.
- Manual bagging, photoelectric sensors detection signal and feeding materials.
- Each weighing bucket has double linear weigher feeding device, high speed and high precision.
- Electronic weighing bucket will be automatic calibration when starting machine.
- Weight out-tolerance will alarm.
- Weighing error can be automatically correct.
- The linear weigher vibrator voltage amplitude is adjustable.



VTOPS-2DC-2K
 Granule Filling Machine with 2 Linear Weigher
 (Weighing Range: 30g-2000g)



VTOPS-2DC-6K
 Granule Filling Machine with 2 Linear Weigher
 (Weighing Range: 500g-6000g)



VTOPS-4DC-2K
 Granule Filling Machine with 4 Linear Weigher
 (Weighing Range: 30g-2000g)



VTOPS-4DC-6K
 Granule Filling Machine with 4 Linear Weigher
 (Weighing Range: 500g-6000g)

Model	VTOPS-2DC-2K	VTOPS-2DC-6K	VTOPS-4DC-2K	VTOPS-4DC-6K
Filling Range	30-2000 g	500-6000 g	30-2000 g	500-6000 g
Filling Accuracy	±0.2-0.5%			
Filling Speed	0-30 times/min	0-30 times/min	0-50 times/min	0-60 times/min
Feeding Method	1 or 2 Linear Weigher	2 Linear Weigher	1or 2 Linear Weigher	2 Linear Weigher
Power	AC220V 50Hz 0.5Kw	AC220V 50Hz 0.5Kw	AC220V 50Hz 0.5Kw	AC220V 50Hz 1.5Kw
Dimensions(cm)	100x65x190	150x80x230	150x80x230	200x80x250

Automatic Granule Filling Capping Line with 4 Linear Weigher (VTOPS-GFL-4LW)

Features ▶

1. Measurement methods adopts (four linear weigher scales) weighing technology, high speed and high precision.
2. Suitable for tin cans or bottle-shaped container, double cylinder with photoelectric, the container automatic positioned by linear conveyor, no container and lack container, no filling.
3. Automatic load lids and capping. The whole structure is reasonable layout, easy cleans.

Technical Parameters ▶

Measurement Methods: Four Linear Weigher Scales Weighing
Packing Range: 30-2000 g
Precision Accuracy: $\pm (0.2\% - 0.5\%)$
Packing Speed: 20-60 Times/min
Machine Weight: 600 kg
Power: 3P AC380V 50Hz 3.5kw
Dimensions: (L) 5000 × (W) 1000 × (H) 2200mm



Automatic Granule Filling Capping Line with 10 Scales (VTOPS-GFL-10S)



Automatic Rotary Granule Filling Machine with 2 Linear Weigher (VTOPS-GF-2LW)

Features ▶

1. Using linear scales weighing technology, high precision.
2. Using two or four linear scales, pre-load the materials to weighing bucket, The weighing bucket will automatic opens when the containers under the outlet.
3. Suitable for tin cans or bottle-shaped container, double cylinder with photoelectric, the container automatic positioned by linear conveyor, no container and lack container, no filling.
4. The whole structure is reasonable layout. Easy to change materials, and easy to clean.



Automatic Rotary Granule Filling Machine with 6 Linear Weigher (VTOPS-GF-6LW)

Features ▶

1. Using linear scales weighing technology, high precision.
2. Using four or six linear scales, pre-load the materials to weighing bucket, The weighing bucket will automatic opens when the containers under the outlet.
3. Suitable for tin cans or bottle-shaped container, double cylinder with photoelectric, the container automatic positioned by linear conveyor, no container and lack container, no filling.
4. The whole structure reasonable layout. Easy to change materials, and easy to clean.

Technical Parameters ▶

Measurement Mode: Six Linear Weigher Scales Weighing
Filling Range: 30-2000g
Filling Accuracy: $\pm (0.2\% - 0.5\%)$
Packing Speed: 10-60 times /min
Machine Weight: 600kg
Power: 3P AC380V 50Hz 2.0Kw
Dimensions: (L) 2500 × (W) 980 × (H) 2400mm
Container Size: Cylindrical chamber $\phi 20-180\text{mm}$ (h) 50-350mm



03 50 Kg Bagger

大袋包装机
5KGS-50KGS Big Bag Bagging Machine

03.01 50KGS Big Bag Bagger Packing Machine for Dry Powders

This series powder packing machine is a new generation of intelligent electronic weighing packing machine. With reasonable structure, stable running, easy operation, high weighing accuracy.

Host using high and slow two-speed feeding, faster. Advanced digital frequency conversion technology, sampling technology, anti-jamming technology, and to achieve automatic compensation and error correction for powder, granular, flake materials packing.

Products are widely used in food additives, chemical raw medicine, flour, milk powder, starch, sugar, chicken, monosodium glutamate, seeds, rice, additives, fertilizer, feed, plastic powder, new building materials and other industries.

Technical Parameters ▶

1. All stainless steel production process, contacted materials are SS304.
2. PLC controlled. Operation is simple.
3. Independent suspension sensors, signal transmission stability and ensure weighing accuracy.
4. Infrared sensor, two-speed feeding system, high weight accuracy.
5. The silo is equipped arch-broken motor, making material loose during the process of feeding.
6. Ring clamp bags device, the bag and discharge hole joint close, to reduce dust spills.
7. With feeder, conveyor, sealing device suitable realizing automation and control, improve efficiency and reduce labor intensity.



VTOPS-DGS-50F Powder Packing Machine Unit (Feeder+Filler+Conveyor+Sealer)

Model	DGS-10F	DGS-25F	DGS-50F
Filling Range	2-10 Kg	4-25 Kg	5-50 Kg
Filling Accuracy	±0.2-0.5%		
Filling Speed	3-10 bags/min	3-8 bags/min	3-8 bags/min
Feeding Method	Single Auger	Single Auger	Double Auger
Air Consumption	0.6Mpa/1m³		
Power	AC380V 1.1Kw	AC380V 1.5Kw	AC380V 2.6Kw
Dimensions(cm)	60x140x220	82x140x250	95x150x250



VTOPS-DGS-10F



VTOPS-DGS-25F



VTOPS-2DGS



03.02 50KGS Big Bag Bagger Packing Machine for Granular Solids

This series machine is specialized for the granular materials and irregular materials; it is new development of intelligent packaging unit. Using pneumatic gate feed or belt feed mode, Promise advanced inverter technology.

Unit consists of automatic weighing packaging machines, conveyor equipment, sewing equipment, feeding equipment. It has reasonable structure, beautiful shape, easy operation, and accurate weighing characteristics.

It is mainly applied to granular, mixed granular powder, strip, massive, like tobacco and other materials packing. Such as: fertilizer, feed, Chinese Herbal Medicine, Chinese medicine granules, premixes, washing powder, casual food, candy, melon seeds, peanuts, salt, monosodium glutamate, chicken, seeds, food, hardware and other granular materials quantitative filling and packaging .

Features ▶

1. The independent suspension sensors, signal transmission stability to ensure the weight accuracy.
2. Filling machine, conveyor belts, sewing machine, networking controller, ensure user-friendly operation and reduce labor intensity.
3. The infrared sensor, gate control feeding materials, more energy saving.
4. Weighing control system is designed in accordance with the requirements of IP54 (dust-proof and water-proof).



VTOPS-DGS-50K Granule Packing Machine Unit (Filler+Conveyor+Sealer)

Model	DGS-50K	1DC-50K	2DC-25K	2DC-50K
Filling Range	5-50 Kg	5-50 Kg	4-25 Kg	5-50 Kg
Filling Accuracy	±0.2-0.5%			
Filling Speed	4-8 times/min	5-10 times/min	10-20 times/min	10-20 times/min
Feeding Method	Pneumatic Valves	Pneumatic Valves	Pneumatic Valves	Pneumatic Valves
Air Consumption	0.6Mpa/1m³			
Power	AC380V/1.1KW	AC380V/1.2KW	AC380V/1.5KW	AC380V/1.5KW
Dimensions(cm)	80x100x260	90x100x280	160x100x280	180x120x300



VTOPS-1DC-25K



VTOPS-1DC-50K



VTOPS-2DC-25K

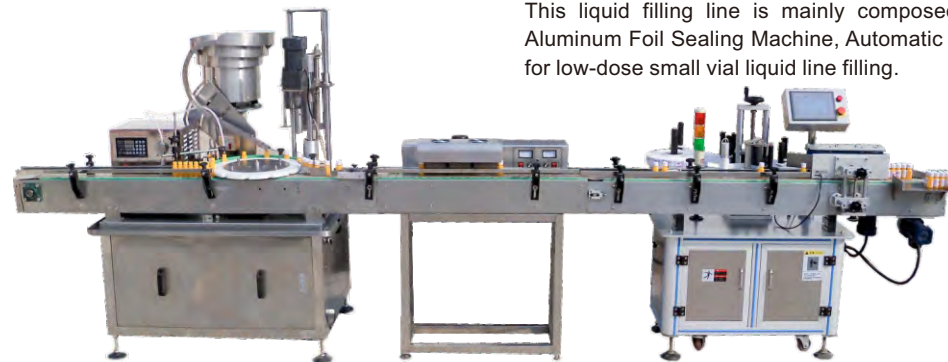


VTOPS-2DC-50K

04 Liquid Filler

液体灌装机
Liquid Filling Machine

04.01 Small Vial Liquid Filling Capping Machine



This liquid filling line is mainly composed of Automatic Filling Capping Machine, Automatic Aluminum Foil Sealing Machine, Automatic Labeling Machine, a total length of 5 meters. Suitable for low-dose small vial liquid line filling.



04.02 Liquid Filling Capping Machine



04.03 Liquid Filling Capping Labeling Machine



04.04 Automatic Granule Sauce Filling Line



04.05 Servo Pump Paste Filling Machine



- 1, Servo Driven
- 2, Weighing Range: 10-50 Kgs
- 3, Filling Nozzles: 4 (6-10)
- 4, Fill-By-Weight

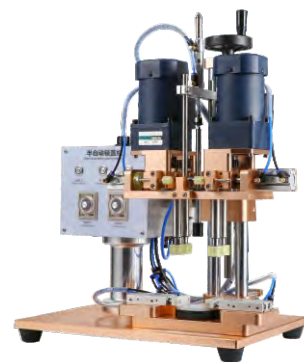


Fill-By-Weight

05 Capper

旋盖机
Capping Machine

05.01 Semi-Automatic Capping Machine



Desktop Capping Machine
VTOPS-CS-4W



Twist Off Cap Vacuum Capping
Machine VTOPS-CS-V



Caps Elevator / Caps Feeder
Caps Loader | VTOPS-F-C

05.02 Automatic Capping Machine



Screw Chuck Capping Machine | VTOPS-C-H1

Model: VTOPS-C-H1
Screw heads: 1 Head or 2 Heads
Cap Size: $\Phi 15$ - $\Phi 50$ mm; $\Phi 50$ - $\Phi 100$ mm (Customizable)
Bottle Diameter: $\Phi 20$ - $\Phi 130$ mm
Bottle Height: 50-320mm
Capping Speed: 10 – 60 Bottles/min
Power: AC Single-phase 220V 50Hz 1Kw
Weight: 300 Kg
Dimensions: 1500 × 8000 × 1600mm



Four-Wheel Clamping Twisting Capping Machine | VTOPS-C-4W

Model: VTOPS-C-4W
Bottle Body Diameter: $\Phi 30$ — $\Phi 300$ mm
Bottle Cap Diameter: $\Phi 18$ — $\Phi 80$ mm
Caps Elevator Feeder: Optional
Output: 20-30 BPM
Voltage: AC Single-Phase 220V 50/60Hz
Power: 0.9 Kw
Air Pressure: 0.4-0.6 MPa
Dimensions: 2000*900*1500 mm
Machine Weight: 210KG

Model: VTOPS-C-V4
Processing Stations: 4
Bottle Diameter: $\Phi 30$ - $\Phi 85$ mm
Bottle Height: 80-250mm
Caps Elevator Feeder: Optional
Cap Diameter: $\Phi 38$ - $\Phi 55$ mm
Capping Speed: ≤ 3600 bph
Air Pressure: 0.6 - 0.8 Mpa
Air Consumption: 100 liters / min
Voltage: 3P AC380V 50Hz
Power: 3.5Kw
Weight: 700 kg
Dimensions: 3000 × 1000 × 1900 mm



Twist Off Glass Jar Vacuum Capping Machine | VTOPS-C-V4



Screw Spindle Capping Machine with Caps Feeder | VTOPS-C-8W

Model: VTOPS-C-8W
Height of Bottle: 30-300 mm
Diameter of Caps: 15-50mm
Capping Speed: 30-150 bpm
Caps Elevator Feeder: Optional
Voltage: AC Single-Phase 220V
Power: 1.5 Kw
Machine Weight: 450 kg
Dimensions: 3000*980*1500mm



Manufacturer with 40,000 m² workshop

05.03 Semi-Automatic Seaming Machine



VTOPS-S100C For PET Plastic Cans

Technical Parameters ▶

Seaming Heads: 1 heads (2 Seaming Rolls)
Capacity: 12-15 cans/min
Cans Diameter: $\phi 50$ - $\phi 130$ mm (Customizable)
Cans Height: 60-190mm (Customizable)
Power: 220V 50Hz 0.75Kw
Machine Weight: 90Kg
Dimensions: 650×450×810 mm

VTOPS-S100D For Metal Tin Cans

Technical Parameters ▶

Seaming Heads: 1 heads (4 Seaming Rolls)
Capacity: 15-20 cans/min
Cans Diameter: $\phi 50$ - $\phi 130$ mm (Customizable)
Cans Height: 60-190mm (Customizable)
Power: 220V 50Hz 0.75Kw
Machine Weight: 150Kg
Dimensions: 650×450×1400 mm

05.04 Automatic Seaming Machine

Features ▶

1. Compact and reasonable, stable and reliable performance, easy to understand.
2. Using internationally renowned electrical components, the host frequency control, PLC programmable controller control, touch-screen human-machine interface, parametric design, can be manually set according to different needs.
3. Fault diagnosis tips at a glance, more user-friendly design.
4. Adopting AirTAC cylinder and solenoid valve to ensure long life and durable durability.



5. Seaming wheel processing by alloy tool steel, to ensure lasting wear and improve the sealing quality.
6. Transmission system is simple and clear, reliable, easy to maintain.
7. All control by the programmable software to facilitate the functional adjustment and technological upgrading, to adapt to different periods of production needs.
8. Automatic loading lids system, cans and lids control. No lid stop.
9. Conveyor belt motor independent digital stepless speed regulation, simple structure, easy operation and maintenance.
10. Cover and the main components of 304 stainless steel to meet the food and drug hygiene requirements.

Technical Parameters ▶

Seaming Heads: 1 heads (4 Seaming Rolls)
Capacity: 25-35 cans/min
Cans Diameter: $\phi 70$ - $\phi 130$ mm (Customizable)
Cans Height: 60-190mm (Customizable)
Power: 3P 380V 50Hz 1.5Kw
Machine Weight: 500Kg
Dimensions: 2800×800×1500 mm

05.05 Vacuum Infill Nitrogen Seaming Machine (VTOPS-S-VN)

Automatic Vacuum Infill Nitrogen Seamer Machine mainly for high clean requirements for the milk powder, protein powder packing industry, designed a new type seaming machine. Using electrical integration control, human-machine interface, automatic loading lids, automatic loading cans, automatic vacuum and infill nitrogen. Non-pollution automatic seaming, working parameters can be based on different round cans seaming requirements on the touch screen.

The whole machine beautiful shape, easy operation, vacuum and nitrogen filling value is stable, high automation level. It is an essential ideal equipment for many industry, such as: food, beverage, pharmaceutical, chemical industry and so on.

Features ▶

1. The cans and lids joint control device: When the cans into the work position, then load lids on cans, no can no lid.
2. Panasonic brand PLC programmable controller, main operating parameters can be operated on the touch screen.
3. The conveyor belt motor infinitely adjustable-speed, simple structure, convenient operation and maintenance.
4. Pneumatic components and solenoid valves are used in Taiwan "AirTAC" brand.
5. The entire production process are carried out in a sealed chamber, machine shell and main components of 304 stainless steel, to meet the Food and Drug hygiene requirements.
6. The vacuum pressure, filling nitrogen quantity can be manually set in the touch-screen system, to meet a variety of customer needs.
7. The vacuum pumps import from German, vacuum pressure can reach the lowest -0.09MPa.
8. The vacuum system seals are made of silicone.

Technical Parameters ▶

Capacity: 7-10 cans/min
Cans Diameter: $\Phi 70$ - $\Phi 130$ mm
Cans Height: 60-190mm
Power: 3P 380V 50Hz 4.0Kw
Air Pressure: ≥ 0.6 MPa
Air consumption: About 80L/min
Nitrogen Gas Pressure: ≥ 0.2 MPa
Consumption of nitrogen: About 50 L / min
Minimum vacuum pressure: -0.09MPa
Machine Weight: 600Kg
Dimensions: 2000×800×1850 mm

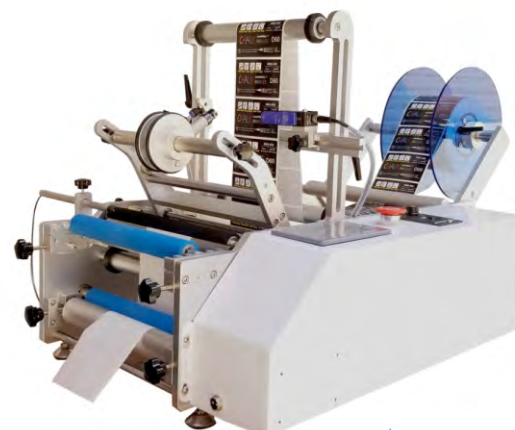


06 Labeler

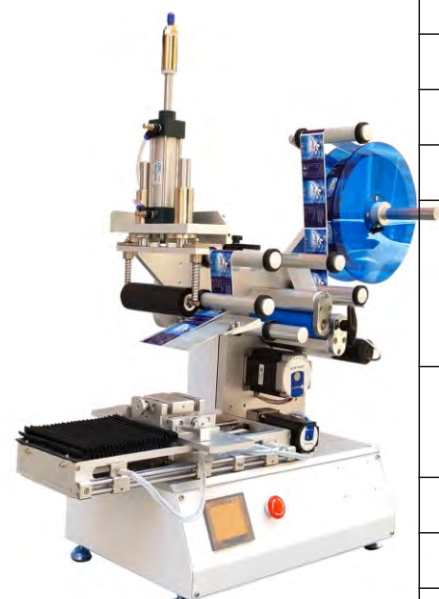
贴标机
Labeling Machines

06.01 Semi-Automatic Labeling Machine

Model: VTOPS-L801
Label Size: Length: 20 mm - 300mm; Width: 20mm - 230mm
Labeling Accuracy: ± 0.5 mm
Labeling Speed: 15 - 30 pieces/min
Bottle Diameter: 10 mm - 150 mm
Labeler Roller: Outer $\phi 250$ mm; Inner $\phi 76$ mm
Voltage: AC Single-phase 220V/50Hz
Machine Weight: 35 Kg
Dimensions: 95 * 56 * 52 cm



Desktop Round Bottle Labeling Machine | VTOPS-L801



Desktop Plane Labeling Machine



Plane Labeling Machine | VTOPS-L831

Model	L802	L803	L805	L807
Highlights	Flat	Front & Back	Wrap Around	Precision
Accuracy	± 0.5 mm			± 0.2 mm
Speed	15-30 p/min			15 20p/min
Product Size	L: 20-200mm	L: 20-120mm	L: 20-200mm	L: 10-300mm
	W: 20-150mm	W: 20-180mm	W: 20-180mm	W: 20-300mm
	T: 0.2-120mm	H: 0.2-75mm	T: 5-130mm	H: 5-85mm
Label Size	L: 20-100mm	L: 15-300mm	L: 15-300mm	L: 10-50mm
	W: 25-160mm	W: 25-155mm	W: 25-160mm	W: 25-100mm
Voltage	AC Single-phase 220V/50Hz			
MC Weight	48 Kg	58 Kg	58 Kg	45 Kg
Dimensions	84*44*84cm	100*44*100cm	85*80*90cm	60*45*85cm

Model: VTOPS-L831
Label Size: length: 6 - 300mm; width: 15 - 130mm
Label Inner Diameter: $\phi 76$ mm
Label Outer Diameter: $\phi 300$ mm
Product Size: Length: 40 - 400mm; Width: 40 - 200mm; Height: 0.5 - 150mm
Labeling Accuracy: ± 1.0 mm
Labeling speed step: 40 - 80 pcs/min
Bottle Diameter: $\phi 10$ - $\phi 30$ mm
Voltage: AC Single-phase 220V 50Hz
Machine Weight: 190 Kg
Dimensions: 192 * 83 * 195 cm

06.02 Automatic Labeling Machine



VTOPS-L821 Wrap Around

Label Size: length: 20 - 300mm; width: 20 - 95mm
Label Inner Diameter: $\phi 76$ mm
Label Outer Diameter: $\phi 300$ mm
Labeling Accuracy: ± 1.0 mm
Labeling Speed: 40 - 120 pcs/min
Bottle Size: diameter: $\phi 25$ - $\phi 120$ mm
Voltage: AC Single-phase 220V 50Hz
Machine Weight: 210 Kg
Dimensions: 215 * 113 * 120 cm



VTOPS-L822 Vertical Positioning

Label Size: length: 20 - 300mm; width: 20 - 130mm
Label Inner Diameter: $\phi 76$ mm
Label Outer Diameter: $\phi 300$ mm
Labeling Accuracy: ± 1.0 mm
Labeling speed: 25 - 45 pcs/min
Bottle Size: diameter: $\phi 15$ - $\phi 120$ mm, height: 25 - 300mm
Voltage: AC Single-phase 220V 50Hz
Machine Weight: 230 Kg
Dimensions: 215 * 110 * 144cm
Air Pressure: 0.4 - 0.6 Mpa



VTOPS-L823 Horizontal Round Bottle labeler

Model: VTOPS-L823
Label Size: length: 20-300mm; width: 20-120mm
Label Inner Diameter: $\phi 76$ mm
Label Outer Diameter: $\phi 300$ mm
Labeling Accuracy: ± 1.0 mm
Labeling Speed: 100 - 300 pcs/min
Bottle Diameter: $\phi 10$ mm - $\phi 30$ mm
Voltage: AC Single-phase 220V 50Hz
Machine Weight: 220 Kg
Dimensions: 204 * 69 * 137cm



VTOPS-L-DS Double Side Labeling Machine

Model: VTOPS-L821
Label Size: length: 20 - 300mm; width: 20 - 170mm
Product Size: length: 20 - 250mm; width: 30 - 90mm; height: 60 - 280mm
Label Inner Diameter: $\phi 76$ mm
Label Outer Diameter: $\phi 300$ mm
Labeling Accuracy: ± 1.0 mm
Labeling Speed: 30 - 200 pcs/min
Voltage: AC Single-phase 220V 50Hz
Power: 1.1 Kw
Machine Weight: 480 Kg
Dimensions: 302 * 156 * 157cm

07 Sealer

封口机
Sealing Machines

07.01 Band Sealers



Continuous Band Sealer Machine
VTOPS-FRD-1000



(Big Bag) Continuous Band Sealer Machine
VTOPS-FRD-1200

07.02 Induction Sealer



Continuous Induction Sealer Machine
GLF-1800



Continuous Induction Sealer Machine
LTF-1800



Inline Induction Sealer Machine
VTOPS-SR-4000B

07.03 Other Sealer Machines



Continuous Vacuum Gas-filled Heat Sealing
Machine | VTOPS-LF1080

Model	LF1080A	LF1080B	LF1080C
Vacuum Sealing	✓	✗	✗
Gas-filled[1] sealing	✗	✓	✓
Date Coder	✓	✓	✓
Sealing Speed	0-12m/min		
Sealing Width	12mm		
Control Tempt	0-300 (adjustable)		
Film Thickness	≤ 0.08mm		
Convery loading	≤ 3KG		
Voltage	AC Single-phase 220V		
Power	1405 w		
Machine Weight	85 kg		
Machine Size	1025*450*(940+140)[2]mm		



Impulse Pedal Sealing Machine
VTOPS-PFS-2S600



50 kg Bag Sewing Machine and Conveyor Belt
VTOPS-GK35-6A



Speed: 6-12 meters/min; 300-600 bags/hour
Sewing Hight: 400-900mm
Bag Materials Weight: 10-50 Kg
Conveyor Motor: 0.37Kw
Sewing Motor: 0.37Kw
Weight: 160kg
Dimensions: 3000X1500X650 mm

08 Feeder

上料机/提升机/输送机
 Feeder & Conveyor & Elevator

08.01 Screw Conveyor feeder



Model	VTOPS-F114S	VTOPS-F114R	VTOPS-159
Tube Diameter	114mm	114mm	159mm
Deceleration	Belt	Gearbox 	Reducer
Storage Hopper	Square	Round 	Square
Lifting Height	1.7 m	1.7 m; 1.9m	2.3 m
Vibration	Yes	Yes	Yes
Reverse	Yes	Yes	Yes
Voltage	AC 3P 380V	AC 1P 220V	AC 3P 380V
Power	1.1Kw	1.5Kw	3.0Kw

08.02 Bucket Elevator



All 304 Stainless Steel

Model	F220B-1	F220B-2	F330B
Bucket Width	220mm	220mm	330mm
Lifting Height	1.9 meter	2.5 meter	2.5 meter
Applicable	2DC-2K	4DC-2K	2DC-6K; DGS-50K
Voltage	AC Single-phase 220V		
Power	400 w	400 w	750 w

08.03 Vacuum Conveyor Feeder



Model	F-VC15	F-VC25	F-VC30	F-VC55
Motor Power	1.5Kw	2.5Kw	3.0Kw	5.5Kw
Capacity	400kg/h	600kg/h	1200kg/h	2000kg/h
Vacuum pump type	Vortex pump			
Air pressure	6 Bar			

08.04 Bottle Feeder / Unscrambler



Model	F800	 F960	F1200
Turntable Diameter	800mm	960mm	1200mm
Material	SUS 304 Stainless Steel		
Voltage	AC Single-phase 220V		
Power	100 w	100 w	120 w

08.05 Climbing Style Elevator Feeder



08.06 Z Elevator Feeder



09 Sachet Packer

小袋子包装机
Small Sachet Fill & Seal Packing Machine

09.01 Auger Fill & Seal Packing Machine

Features ▶

1. Microcomputer controlled, liquid crystal display, easy to operate, stable and reliable operation.
2. Stepper motor control the bagging system.
3. The heat seal is automatically in the open state after shut down.
4. Automatic tracking color, automatically complete the position of the bag, fixed length.
5. Seal style: three sides seal, four sides seal, back seal.

Technical Parameters ▶

Packing Speed: 40-60 Bags/min
Packing Range: 1-50 ml
Bagging Size: length40-160mm; width40-120mm
Power: 3P 308V 50Hz 1.1Kw
Weight: 185 Kg
Dimensions: 730×630×1580 mm



Automatic Powder Packing Machine (VTOPS-DXDP)

Measurement Method: Auger Screw

This machine suitable for various kinds of powder, accurate measurement, easy to clean, meet national GMP standards.

Automatic Granule Packing Machine (VTOPS-DXDG)

Measurement Method: Cups

This machine suitable for free flow particles.

Automatic Liquid Packing Machine (VTOPS-DXDL)

Measurement Method: Piston cylinder

This machine suitable for Liquid and paste.

1. Set the electro and mechanical in one, microcomputer operation panel, can automatically complete the bagging, metering, filling, sealing, cutting, counting, and can be configured according to customer requirements and other functions.
2. The use of advanced microcomputer chip control photoelectric tracking system, equipped with high-precision stepper motor, accurate each bag pattern of the same location, the control system to complete the machine synchronization, fixed length, position and speed, CNC cutter adjustable automatic cut off in 1 - 99 bags as a batch, automatically shut down when machine no film, automatic fault diagnosis function.
3. Seal Form: back seal; Packaging Materials: polypropylene / polyethylene, aluminum foil / polyethylene, polyester / aluminum / polyethylene, nylon / reinforced polyethylene, paper / polyethylene, tea filter paper.

Technical Parameters ▶

Model	DXDG-350	DXDG-450	DXDP-350	DXDP-450
Bagging Length	50-250 mm	100-320 mm	80-250 mm	100-320 mm
Film Width	80-350 mm	200-450 mm	160-350 mm	200-480 mm
Packing Range	100-500 g	200-1000 g	100-500g (max)	100-1000g (max)
Packing Speed	30-50 bags/min	30-50 bags/min	30-40 bags/min	30-40 bags/min
Power	220V 50Hz 1.5Kw	220V 50Hz 1.5Kw	220V 50Hz 2.3Kw	220V 50Hz 2.3Kw
Machine Weight	350 Kg	400 Kg	300 Kg	400 Kg
Dimensions (mm)	950×1000×1900	950×1100×2000	1000×950×1800	1100×950×2000



10 VFFS

全自动立式包装机 Vertical Form Fill Seal Packaging Machines

VFFS vertical form fill seal packing machine is a type of automated assembly-line product packaging system, commonly used in the packaging industry for food, and a wide variety of other products.

Features▶

1. New design, beautiful and more reasonable.
2. Both English and Chinese screen display.
3. PLC control, servo motor. Do not need to stop machine to adjust any parameters.
4. Fully automatic bag forming, dosing Filling, sealing, coding, conveying, counting can be finished in one operation, most labor-saving equipment.
5. Meet GMP, good for food packaging with high standard.
6. Horizontal, vertical temperature control.
7. Pillow bags, angled bags, hanging-hole bags, vertical bags, punched bags, etc.
8. Alarming for maximum limit to reduce wear and tear.
9. Double sever motors, drawing film position accurately, and the speed is faster.
10. Temperature independent control system, precision get to $\pm 1^{\circ}\text{C}$.
11. Seal style: three sides seal, four sides seal, back sea, etc.

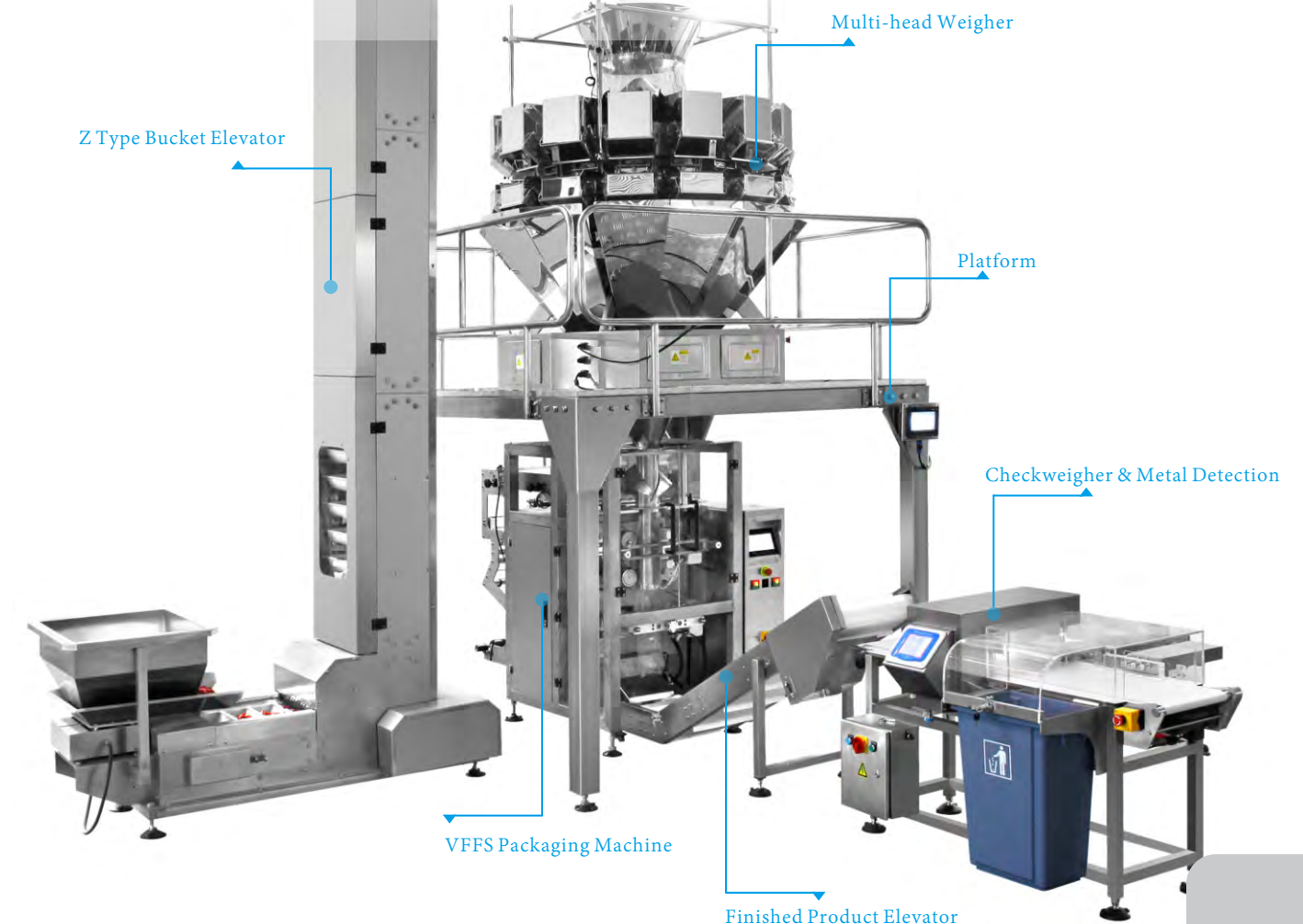


10.02 Recommended Combination Configuration



10.01 Models of VFFS Packaging Machine

Model	VFFS-320	VFFS-420	VFFS-520	VFFS-720
Packing Speed	5-70bags/min	5-60bags/min	5-50bags/min	5-40bags/min
Bag Length	50-200mm	80-300mm	100-400mm	100-450mm
Bag Width	50-150mm	50-200mm	100-250mm	100-350mm
Roll Diameter	Max.320mm	Max.320mm	Max.320mm	Max.320mm
Filling Range	50-800ml	150-1200ml	200-2000ml	250-4000ml
Film Width	Max. 320mm	Max. 420mm	Max. 520mm	Max. 720mm
Film Thickness	0.04-0.12mm	0.04-0.12mm	0.04-0.12mm	0.04-0.12mm
Air Consumption	0.3m3/min	0.3m3/min	0.4m3/min	0.4m3/min
Voltage	AC 220V	AC 220V	AC 220V	AC 220V
Power	2.0kw	2.2kw	4kw	4.5kw
Dimensions	117*82*129cm	132*95*136cm	149*108*149cm	172*126*182cm
Machine Weight	350kg	550kg	750kg	850kg



11 PFS

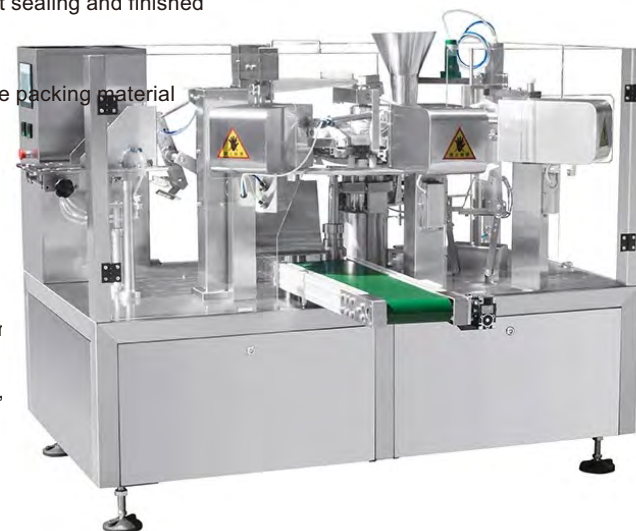
全自动给袋式包装机 Pick Fill Seal Packaging Machines

Premade bag rotary packing machine is an automatic pick fill seal machine for pre-made bags and pouches. Rotary premade bag pick fill seal packing machine with different dosing (such as multihead weigher, auger filler, liquid filler etc.) can be suitable for the automatic packing for granular, powder, liquid, paste etc. The machine can realize automatic pouch feeding, date printing, bag opening, material weighing filling, bag heat sealing and finished bag take-off.

Vtops Machinery have different models for your reference depending on the packing material and bag size.

Features▶

1. Heat sealable premade flat pouch dosing and sealing.
2. PLC & HMI Control, easy for parameter setting and troubleshooting.
3. Different pouch size adaption, simple adjustment without tools.
4. Intelligent temperature controlling configuration, ensure the artistic and r
5. Skip steps of filling and sealing if failed hold, or bag failed open.
6. Compatible Programs of powder, granule or liquid dosing, plug and play, products switching.
7. Machine stopping interlock with door opening.



11.01 Models of PFS Packaging Machine

Model	VTOPS-GD8-200B	VTOPS-GD8-260B	VTOPS-GD8-300B
Number of Working Position	8	8	8
Metering Range	5g – 1500g	10g – 2000g	20g – 2500g
Speed	10-50 bags/min	10-45 bags/min	10-40 bags/min
Bag Width	100-210mm	150-260mm	200-300mm
Bag Length	100-350mm	150-400mm	200-450mm
Air Consumption	0.6m3/min 0.65MPa	0.6m3/min 0.65MPa	0.6m3/min 0.65MPa
Voltage	AC Three-phase 380V	AC Three-phase 380V	AC Three-phase 380V
Power	1.5kw	1.8kw	2kw
Machine Dimensions	1650*1380*1500mm	1800*1400*1500mm	2200*1850*1500mm
Machine Weight	1060kg	1200kg	1380kg

11.02 Recommended Combination Configuration



12 Weigher

多头秤16-36 Weighing Hoppers Multihead Weigher

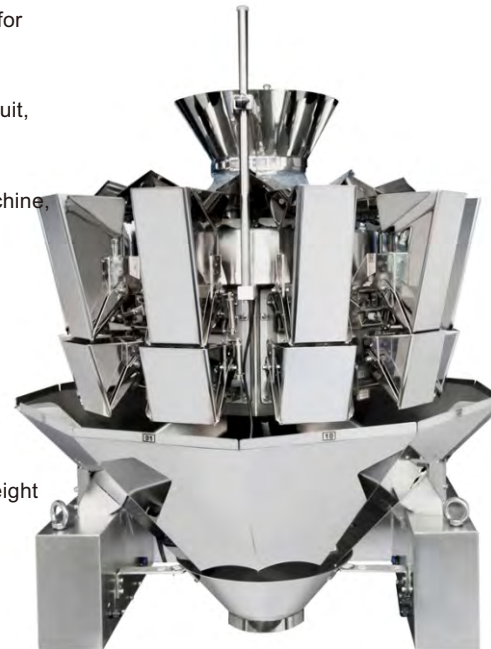
Multihead weighers is a fast, accurate and reliable weighing filling machine. Usually used for products of granular, slice, roll or irregular shape materials.

Such as candy, seed, jelly, pet foods, puffy foods, pistachio, peanuts, nuts, raisins, dried fruit, frozen foods, snack food, meatballs and so on.

In addition, the multi-head weigher using in conjunction with the VFFS machine, PFS machine, or star-wheel conveyor belt to form a faster packaging production line.

Features▶

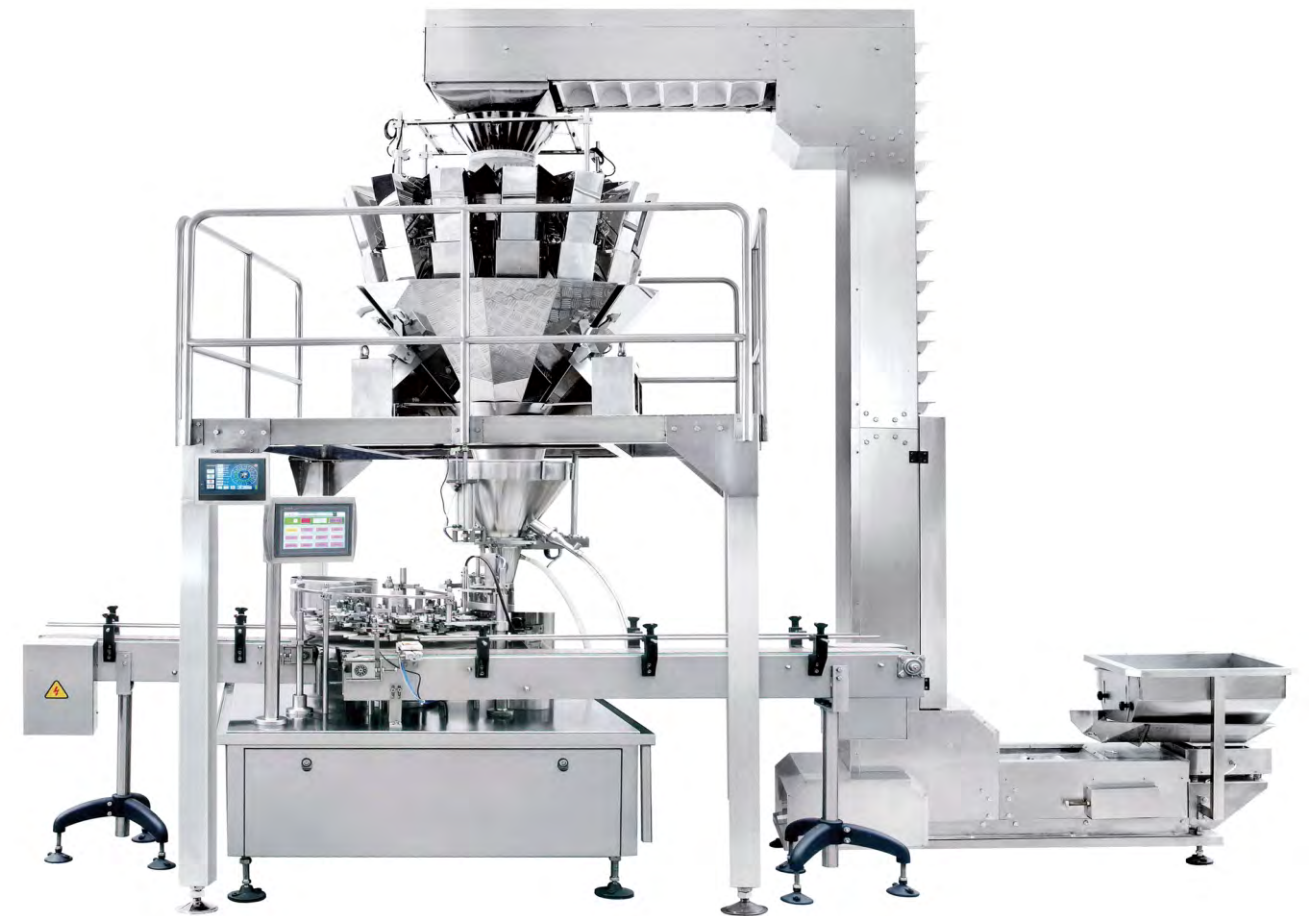
1. All parts are enclosed.
2. Speed adjustment of hopper movement by step motor, no air consumption.
3. Statistical Data-Inspect on screen and via optional printer output.
4. Adopt high precision and high load cell of famous brand, resolution is up to 2 decimal.
5. Program recovery function can reduce operation failures and support multi-segment weight calibration.
6. No products auto pause function can improve weighing stability and accuracy.
7. Linear amplitude can be adjusted independently while running.
8. Many languages available for global markets.



12.01 Models of Multihead Weigher

Model	M10	M14	M16	M20	M24	M32
Identify Code	M10-1-1	M14-1-1	M16-4-2	M20-2-1	M24-2-1	M32-2-1
Quantity of W.H	10	14	16	20	24	32
Mixing Model	1 only	1 only	1 only	2 kinds	3 kinds	4 kinds
Weighing Gram	10 – 1000	10 – 1500	10 – 1000	10-1000	5-240	5-240
Accuracy	X(0.5)	X(0.5)	X(0.5)	X(0.5)	X(0.5)	X(0.5)
Max. Speed	60	100	120+	65*2	60*3	60*4
Hopper Volume	1.6L or 2.5L	1.6L or 2.5L	1.6L	1.6L	0.5L	0.5L
HMI	7"	7"	10.1"	10.1"	10.1"	10.1"
Driving System	Stepper Motor	Stepper Motor	Stepper Motor	Stepper Motor	Stepper Motor	Stepper Motor
Voltage	AC 1P 220V	AC 1P 220V	AC 1P 220V	AC 1P 220V	AC 1P 220V	AC 1P 220V
Power	1.0 Kw	1.5 Kw	2.0 Kw	2.0 Kw	1.5 Kw	2.5 Kw
MC Weight	380 KGS	490 KGS	650 KGS	850 KGS	440 KGS	600 KGS
Dimensions cm	160*110*111	170*110*130	186*120*154	195*165*130	180*125*111	210*150*115
Optional	Dimple Plate	Dimple Plate	Dimple Plate	Dimple Plate	Dimple Plate	Dimple Plate

12.02 Recommended Combination Configuration



13.01 Supporting for Milk Powder Filling Canning Line



Automatic Spoons Feeding Machine
Rotate Vibrating Feeder for Scoops | VTOPS-F-SP



Non-magnetic Empty Container Sterilizing Machine
VTOPS-SM-EC2



Flying Fiber Laser Marking Machine
VTOPS-CNF-160

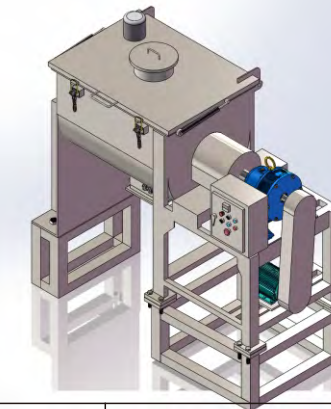
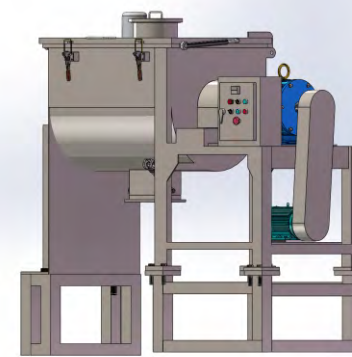


Finished Tin Cans Body Cleaning Machine
VTOPS-CM-FC



Cans Plastic Lid Applicator Slitting Capping Machine | VTOPS-C-PL

13.02 Horizontal Ribbon Blender | Mixing Machine



Model	Nominal Volume	Mixing Volume	Speed(RPM)	Motor Power
HRB-100	100L	40-60%	76	3Kw
HRB-300	300L	40-60%	66	4Kw
HRB-500	500L	40-60%	66	5.5Kw
HRB-1000	1000L	40-60%	41	11Kw

13.03 Check-weigher and Metal-detector



Check Weigher



Metal Detector



Multi-functional Combined in ne of
check-weigher and metal-detector

Manufacturer with 40,000 m² workshop