



**Rich Union**

10 YEARS



**GUANGZHOU RICH UNION**

**广州富之源**

诚信-进取-创新-感恩  
[www.richunion.com.cn](http://www.richunion.com.cn)  
[www.ruautomation.com](http://www.ruautomation.com)





**2005年-2020年**

15年生产经验

**100,000,000**

月产吊粒过亿

**3,500km<sup>2</sup>**

厂房面积



广州富之源进出口贸易有限公司

Guangzhou Rich Union Import & Export Trading Co., Ltd

## 企业简介

### COMPANY PROFILE

富之源（公司原名称：广州时代吊粒厂）专注于服饰、时尚、搭配、可循环和可降解等领域的标签生产商。本公司倡导“专业务实、高效、创新”的企业精神，一直以来得到客户的广泛认同。

Rich Union (the original name of the company: GZ-Times) focus on clothing, fashion, recycle and biodegradable plastic seal tag manufacturer. We advocates the enterprise spirit of "professional, practical, efficient and innovative" and has a good departmental mechanism. Committed to create value for customers.

富之源有着优良的工作环境以及良好的激励机制，培养高素质、高水平、高效率的人才，为社会发展贡献积极力量。

Guangzhou Rich Union has an excellent working environment and a good incentive mechanism to cultivate high-quality, high-level and high-efficiency talents, and contribute positive forces to social development.



优秀的技术研发力量  
Hi-quality  
technology research and development force



成熟的售后团队  
Mature after-sales team





广州富之源进出口贸易有限公司  
Guangzhou Rich Union Import & Export Trading Co., Ltd

凭借多年的丰富经验自主研发全自动吊粒生产机械手，自设模具生产，可快速生产各种款式吊粒，使得我们在行业之中一直处于领先地位。

我们主要的产品有“塑胶吊粒”、“商标吊粒”、“环保吊粒”、“环保吊粒”、“金属吊粒”、“一次成型吊粒”以及各类型塑料吊粒等，主体规格、颜色、形状可自定。

材料采用全新材料和优质环保无毒原料，可放心使用。

With many years of experience, we independently research and develop a fully automatic hanging pellet production manipulator, and set up mold production, makes us always in the leading position in the industry.

Our main products are "plastic hanging tablets", "trademark hanging tablets", "environmental hanging tablets", "environmental hanging tablets", "metal hanging tablets", and various types of plastic hanging tablets, etc. Exclusive customization.

We use brand new and environmentally friendly materials .

## 塑料吊粒注塑机 100g-Plastic Injection Machine

可生产各款吊粒产品，及个别塑料产品。日产吊粒最多可达到2万个。

Can produce all kinds of plastic seal tag, and individual plastic products. daily production capacity can reach up to 20,000 pieces



### 产品详情

主要参数 (Main parameters)	单位 (Units)	规格 (Specifications)	锁模装置 (Clamping unit)	单位 (Units)	规格 (Specifications)
螺杆型号 (Screw model)	--	standard	锁模方式(Clamping mode)	--	内翻双曲肘式(inversion double toggle)
螺杆直径 (Screw diameter)	mm	38	锁模立 (Clamping porce)	kn	800
注射压力 (Injection pressure)	Mpa	130	模板最大行程 (Maxmould plate stroke)	mm	250
理论注射容积 (Themoretical shotvolume)	cm3	140	模具厚度 (Mould thickness)	mm	100-330
注射重量 (Shot weight)	g	150	拉杆内间距 (Space between tie bars)	mm	360*244
注射速度 (Shot weight)	g/s	80	模板尺寸 (Mould plate size)	mm	525*405
油泵电机功率(Motor power)	kw	7.5	顶出方式 (Ejector mode)	--	液压顶出
加热功率 (Heating power)	kw	4.8			
机器重量 (Machine size)	T	1.55			



# 全自动吊粒机械手 Robot Cutting

配合吊粒注塑机生产，可成为自动化注塑机生产线。大大提高生产效率。

With the production of hanging pellet injection molding machine, it can become an automatic injection molding machine production line. Greatly improve production efficiency.



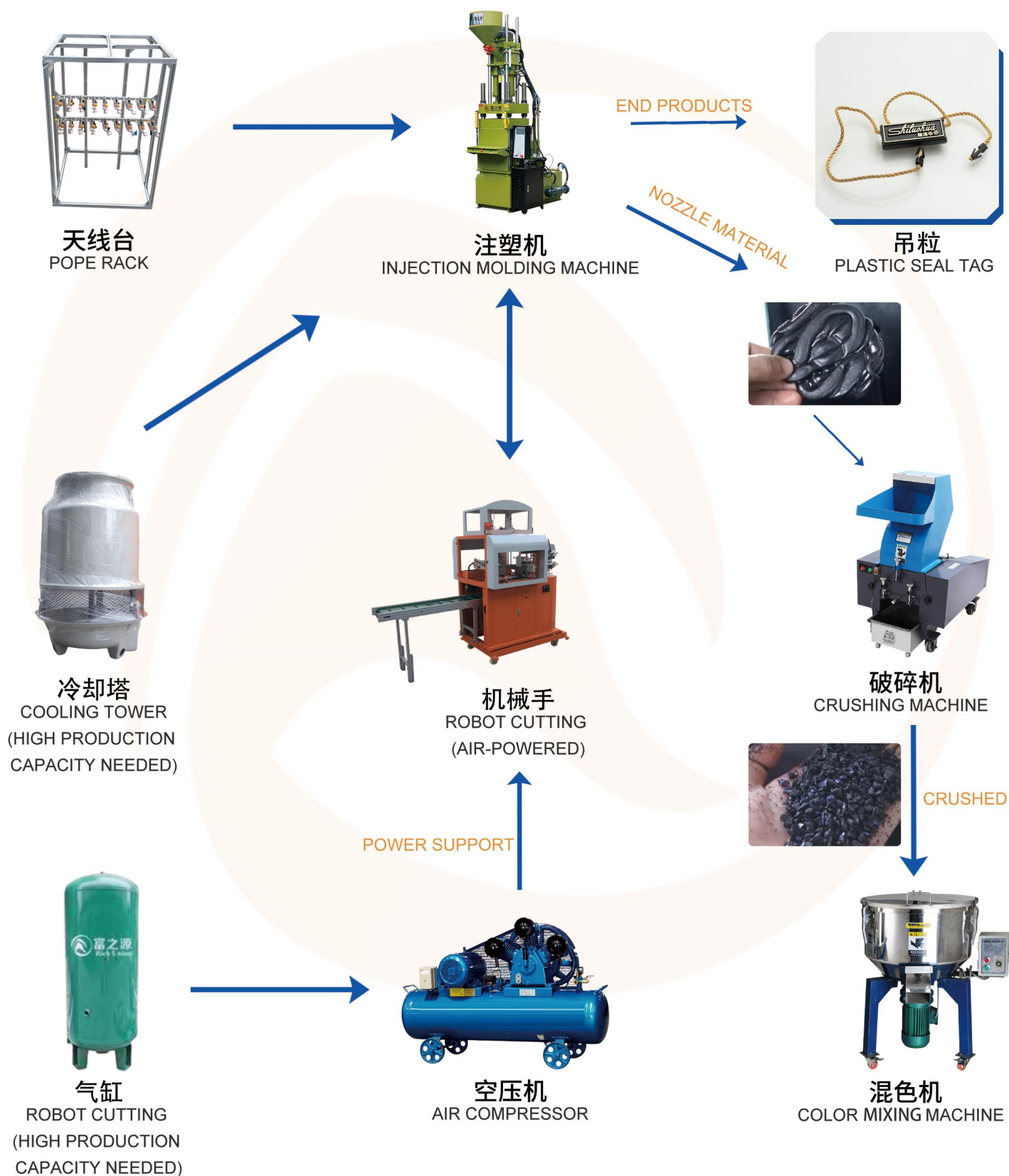
## 产品详情

主要参数 (Main parameters)	规格 (Specifications)	主要参数 (Main parameters)	规格 (Specifications)
机型Product Model	FZY-JX10T(automatic robot with printed)	工作电压Voltage (V)	220V
驱动模式CPU	伺服驱动 (ARM Cortex M CPU)	外开尺寸 (W*D*H) (cm)	196*78*113
适用合适高度Suitable clamping height (mm)	1000-1400mm	净重Main body weight (kg)	380KG
最快模内取出时间Fastest time to take out time (s)	0.5-1.5s	输送带类型 (选配)	平面输送带/料斗输送带
可生产吊粒长度Can product total length of the string (mm)	230-380mm	Conveyor type (optional)	Flat conveyor belt / Hopper conveyor belt
每小时产量MAX Quantity (times/hour)	300-460		
适用机型Applicable model	立式机 卧式机 (Vertical machine or Horizontal machine)		
工作气压Pressure (Mpa)	0.4-0.6mpa		
空气消耗量Air consumption (NL/min)	0.06NL/min		



# PLASTIC SEAL TAG PRODUCTION PROCESS

## 吊粒生产流程








# A COMPLETE PRODUCTION SYSTEM

## Special for Plastic seal tag


Available with


Single leg generic tag		Bouble legs tag		Bullet head tag	
		 			
		<b>Contents</b>			
		Plasic injection machine		1	set
		Auto manipulator		1	set
		Gold Foil Machine		1	set
		<b>Capacity</b>			
		Single leg tag		7000-1200	pcs/h
		Double leds tag		4000-6000	pcs/h
		Bullet head tag		6000-7000	pcs/h
power requirement		12.7 KW			
Air requirement		0.6Mpa			
		<b>Space Requirement</b>			
		Length		7	M
		Width		3.5	M
		Height		3	M
		Weight(G.W)		2330	KG
Plastic Material Available with		ABS/PS/PP/PE/PVC/PLA etc			
<b>Note:</b>					
Full auto solution not available with bullet head tag yet.					
This suite machine should be equipped with some auxiliary equipment(Extra Charged)					
1	water chiller	Optional	5	Auto loading machine	Optional
2	Granulating Machine	Optional	6	<a href="#">Air Compressor</a>	<u>Necessary</u>
3	Drying Machine	Optional	7	<a href="#">Air tank</a>	<u>Necessary</u>
4	Blender	Optional	8	<a href="#">Injection mold</a>	<u>Necessary</u>




## 自动拉链头机械 Plastic Zipper Pull System

Specification of Necessary Equipment

Picture	Item	Parameter
	FZY-45T	HS Code: 8477101000 Clamping force: 45ton Clamping Mode: Hydraulic Size: 1.57*1.17*2.55 M weight: 1550KG Operation Language: CN/EN/PT/SP/RU/BD Electricity: 3 Phase Power support: 380V 7.5KW/h 50/60H Heating Power: 4.8KW Control Pannel: PLC Screw Dia: 38CM Electronic parts: PORCHESON/XINJIE

Picture	Item	Parameter
	FZY-NS	HS Code: 8447901900 Pneumatic driving: 0.4-0.6Mpa CPU: PLC control Capacity: 2500-3000 pcs/hour Astest time (take out): 0.5-1.5s Air Consumption: 0.06NL/Min Power support: 220V 0.4KW/h Size: 130*140*180cm Conveor type: No weight: 230KG Antec Hot air blower cutting

Picture	Item	Parameter
	Plastic Injection Mould	HS Code: 8480719090 cavity: 14 cavities Logo: <u>Custom available</u>



# PLASTIC CRUSHER



1. all steel welding machine base, strong and durable.
2. easy dismantling design, convenient for cleaning and maintenance.
3. imported inscribed steel cutters, blade sharp, easy to replace, durable and durable.
4. comminution of all kinds of soft and hard plastic, easy and easy.
5. equipped with motor overload and electric chain protection system to ensure safe use.
6. minicomputers are equipped with pulleys, which are convenient to move, and the mainframe has water cooling system for convenient time action.
7. the screen with different cutters and different sizes can be selected.

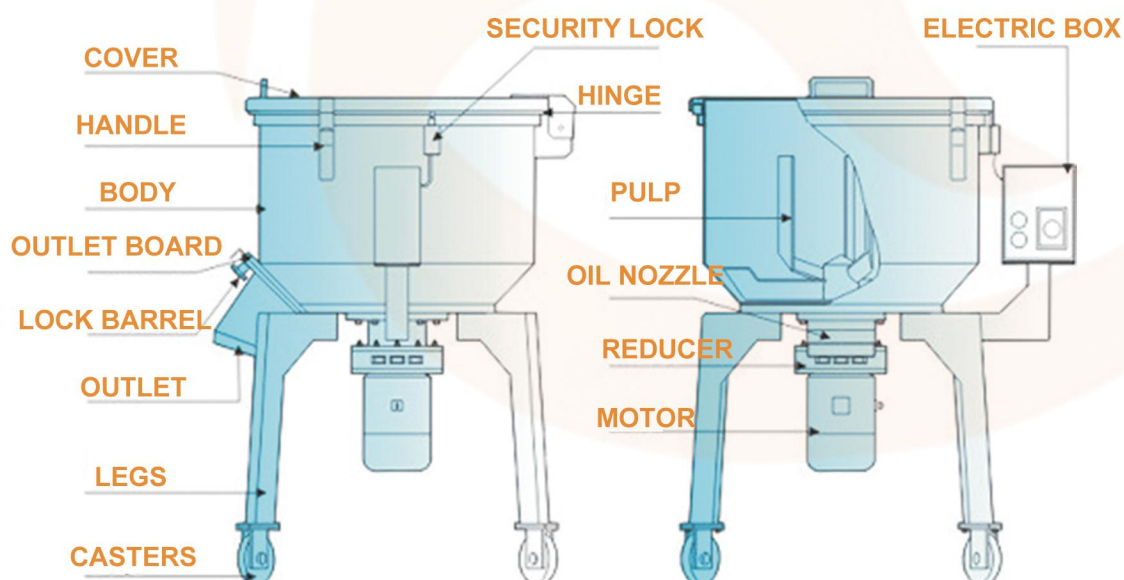
	Power	Inlet Size	Capacity	Fixed Blade	moving Blade	Machine Size
FZY-180	3HP (2.2KW)	180*190	80-200	2	9	850*580*620
FZY-250	5HP (4KW)	250*190	130-250	2	9	750*620*1040
FZY-250B	5HP (4KW)	250*210	130-250	2	12	750*620*1040
FZY-250C	5HP (4KW)	250*210	150-300	2	3	950*630*1100
FZY-300	7.5HP (5.5KW)	310*220	220-300	2	9	850*680*1220
FZY-300B	7.5HP (5.5KW)	310*220	220-300	2	15	850*680*1220
FZY-400	10HP (7.5KW)	420*260	400-500	2	12	940*840*1500
FZY-380	10HP (7.5KW)	380*260	400-500	2	18	880*840*1300
FZY-380B	10HP (7.5KW)	380*250	200-400	2	6	1080*820*1330
FZY-500	15HP (11KW)	510*290	460-550	2	15	1100*1000*1520
FZY-500B	15HP (11KW)	510*290	460-550	2	21	1100*1000*1520
FZY-500C	15HP (11KW)	510*290	460-550	2	6	1100*1000*1520
FZY-600	20HP (15KW)	610*360	600-800	2	18	1200*1120*1630
FZY-600B	20HP (15KW)	610*360	800-800	2	27	1200*1120*1630
FZY-600C	20HP (15KW)	610*360	600-800	2	6	1200*1120*1630
FZY-800	30HP (22KW)	800*380	800-1200	4	24	1460*1800*2000

# PLASTIC BLENDER



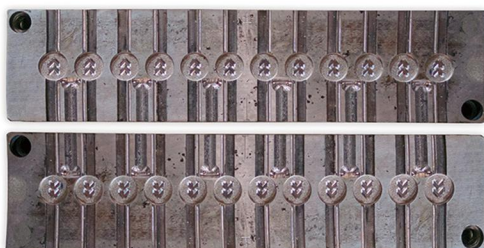
1. The barrel body uses the conical bucket bottom with the same imitation pulp leaves, and the uniform mixing is completed in a short time, and the efficiency is high.
2. The blade and barrel are made of stainless steel, and the blade can be taken off and maintained to prolong the life.
3. profiling and close mixing, large capacity, easy to operate.
4. motor direct drive, reduce power loss, not skidding.
5. mixing time can be set according to need, stop by itself.
6. with safety switch, open cover stop, overload stop, avoid accident.

Model	Capacity (Kg)	Power (Kw)	Run (r/min)	Size (mm)
FZY-50	50	1.5	80	1090*760*760
FZY -100	100	3	80	1220*830*830
FZY -150	150	4	80	1150× 1050× 1400
FZY -200	200	5.5	80	1300*1180*1500



**STRUCTURE  
DISPLAY**





MOLD CORE

## About mould

Mention: Tags Mold item is a whole set of Mold, include More core, available capacity is

Gold foil tag : 10-12 cavities (mold core instead available)

Generic tag: 20 or 34 cavities (mold core instead available)

Bullet head tag: 20 cavities

Different Logo different mold core needed

According to the type and structure of seal tag, special seal tag may not be able to be produced automatically, may need to provide actual samples, subject to final confirmation.

# Automatic rope threading machine

自动打孔、穿线、打结、计数一次完成，调试维护简单方便易学，采用变频器控制主电机带动所有机械结构运动。

Automatic drilling, threading, knotting and counting once completed, debugging and maintenance is simple and convenient to learn, in-verter control motor drives the main mechanical structure of all sports.



## 产品详情

主要参数 (Main parameters)	单位 (Units)	规格 (Specifications)	主要参数 (Main parameters)	单位 (Units)	规格 (Specifications)
速度(Speed)	H	3000—3500 pcs	机械重量(Mechanical weight)	kg	550
吊牌适用尺寸(Tag size)	mm	30*35—95*150	适用电源(Applicable power supply)	v	380V/220V
吊牌放纸高度(Drop height)	mm	230	功率(Power)	w	750
穿绳适用直径(Applicable diameter of rope)	直径(diameter)	0.3—1.2			
穿绳适用长度(Applicable length of thread)	mm	80-200			
吊牌孔径(Tag aperture)	直径(diameter)	3,4,5可更换模具 (diameter replaceable mold)			
尾绳长度(Length of rope tail)	mm	15—18			
吊牌适用厚度(Applicable thickness of tag)	克(gram)	150—700			
机械尺寸(Mechanical dimension)	米(meter)	1.3*1*1.3			



# Paper straw machine

纸吸管机生产符合环保标准，在未来的发展中也是可行的，有效促进循环生态发展。

The production of the paper straw machine meets environmental protection standards and is feasible in future development, effectively promoting the development of circular ecology.

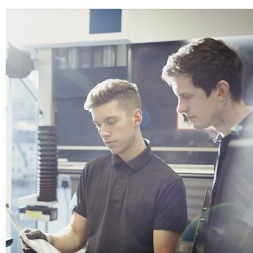


## 产品详情

主要参数 (Main parameters)	规格 (Specifications)	主要参数 (Main parameters)	规格 (Specifications)
纸吸管直径(Diameter)	6-12mm	胶水盘(Glue system)	3层盘过胶 (3pliesindependent glue tank)
纸卷(Paper roll)	3-4层 (plies)	主电机(Main motor)	主电机 (main motor) 1.5kw*2+辅电机 (Auxiliary motor) 0.75kw*3
厚度(Thickness)	0.25-1mm	变频器(Inverter)	3km 施耐德 (schneider)
机头(Hub wheel)	2机头 (two head)	伺服电机 (Servo motor)	1.5km 施耐德 (schneider)
固定方式(Way of fixing shaft)	固定爪 (clamp)	控制系统 (Control system)	施耐德 (schneider)
生产速度(Production speed)	10-40米/分钟 (m/min)	气缸电磁阀 (Cylinder solenoid valve)	亚德客 (air TAC)
切管方式(Length of rope tail)	58*38*1.5mm 圆刀 (circular cutting blade)	操作工 (Operator)	1-2个工人 (1-2persons)
上胶方式(Way of gluing)	单/双面 (single/double side)	主机尺寸 (Main partdimension)	3200*1200*1750mm
纸架(Type of paper reel stand)	5组 (groups)	占地面积 (Overall dimension)	1500kgs

## What choose us?

您的十分满意，富之源的无线动力。  
You are very satisfied with the unlimited unlimited power of the Rich union.



富之源具有强大的科研团队，可根据客户的自身需要定制机械，更加人性化地生产销售。我们秉承环保生产的理念，更加是得到世界行业组织的认可。

Rich Union has a strong scientific research team, which can customize machinery according to customers' own needs, and produce and sell more humanely. We uphold the concept of environmentally friendly production, which is even more recognized by world industry organizations.

产品符合国际生产标准，出口全世界，与多家知名企业达成合作，比如：HM、优衣库、无印良品、名创优品等。

Products comply with international production standards and are exported all over the world, and have reached cooperation with many well-known companies, such as: HM, Uniqlo, MUJI, MINISO, etc.

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# 公司优势

## Company Advantage

富之源拥有超过10年的生产经验，是行业内的专家级别。自主研发机械，全自动化生产，确保产量和产效。无论是售前还是售后，都有专业的工作人员24小时在线回复，我们是您最好的选择！

Rich Union has more than 10 years of production experience and is an expert level in the industry. Independent research and development machinery, fully automated production, to ensure output and production efficiency. Whether it is pre-sales or after-sales, there are professional staff who reply online 24 hours a day. We are your best choice!

服务创造完美  
Service creates perfection

创造世界一流的智能化辅助机械设备  
Create world-class intelligent auxiliary machinery and equipment





## 中高端市场

本公司的产品主要面对国际中高端市场，因此对产品品质等方面都具备非常严格的要求及把控，以保证客户满意。

Our products mainly face the international mid-to-high-end market, so we have very strict requirements and controls on product quality and other aspects to ensure customer satisfaction.

With many years of export experience, we are familiar with the relevant import standards of various countries. A strong transportation team escorts the goods and delivers them to customers safely and without error. Service first. Most of the machines support multiple languages, and we also have relevant personnel to demonstrate the operation in real time, making it easy for customers to operate the machine.

## 专属定制

本公司拥有强大的科研团队，大部分产品支持定制服务，更人性化地适应顾客生产要求，及达到理想的生产预期。

The company has a strong scientific research team, most of the products support customized services, more humanely adapt to customer production requirements, and achieve ideal production expectations.

价值  
VALUE



## Our faith



**对客户：**我们本着服务第一，诚实经营的思想，以客户为中心，奉行客户至上的经营理念，对客户反馈的信息做到快速回应，以高效、高品质的服务，解决客户的后顾之忧。

**To customers:** The company adheres to the idea of service first, honest management, customer-centric, pursues the business philosophy of customer first, responds quickly to customer feedback, and resolves customers' worries with efficient and high-quality services.

**对员工：**本司作为社会责任组织（BSCI）的一员，积极响应组织要求。有责任去为员工提供良好的工作条件，维护员工个人权益。也正正反映本司的核心价值观：以人为本，以学为源。

**To employees:** As a member of the Social Responsibility Organization (BSCI), the company actively responds to organizational requirements. It is the responsibility to provide employees with good working conditions and protect their personal rights. It is also reflecting the core values of our company: people-oriented, learning as the source.

## International qualify certificate

荣获国际行业认可的GRS、CE、BSCI、产品色牢度、产品环评等证书。及国内生产专利证书。

Won the international industry recognized GRS, CE, BSCI, product color fastness, product environmental assessment and other certificates. And domestic production patent certificate.



吊粒自动化生产设备专利  
Hanging pellet automatic pro-  
duction equipment patent

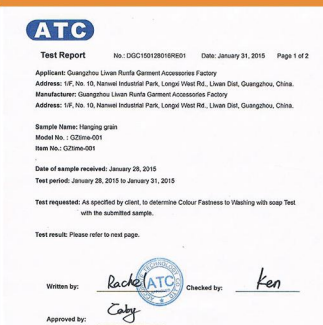


吊粒全自动生产机结构专利

Structure patent of hanging pellet automatic production machine



通用公証行  
Societe Generale de Surveil-  
lance S.A.



全球回收标准  
Global Recycled Standard



欧洲共同体  
European Conformity

本司的产品无论在国内还是国外都获得相关资质，确保商品在市场上能顺利流通。

Our products have obtained relevant qualifications both at home and abroad to ensure the smooth circulation of goods in the market.





# **Rich Union**

选择富之源 品质有保证

## **广州富之源进出口贸易有限公司**

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