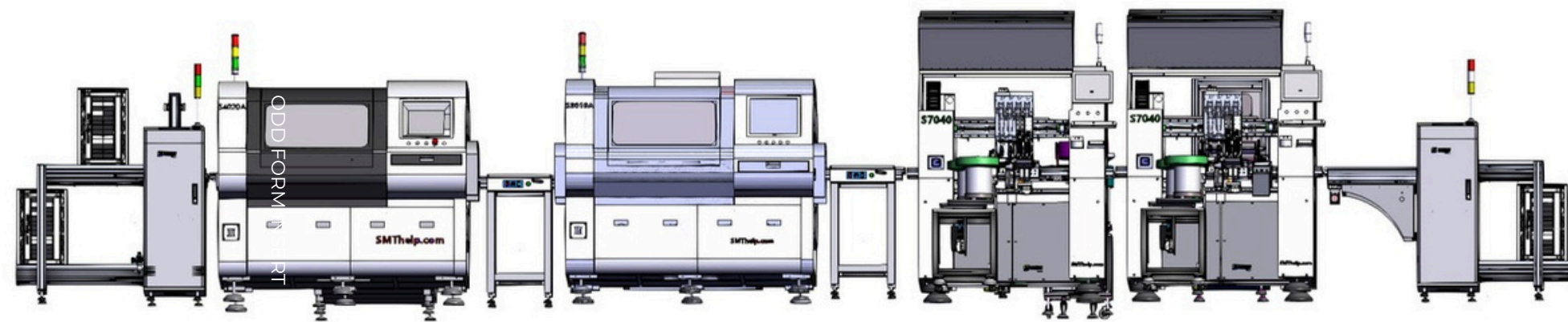


# 异形插件机

ODD FORM INSERT  
MACHINE

PRODUCT GUIDE

[www.SMThelp.com](http://www.SMThelp.com)



应用领域  
APPLICATION AREA

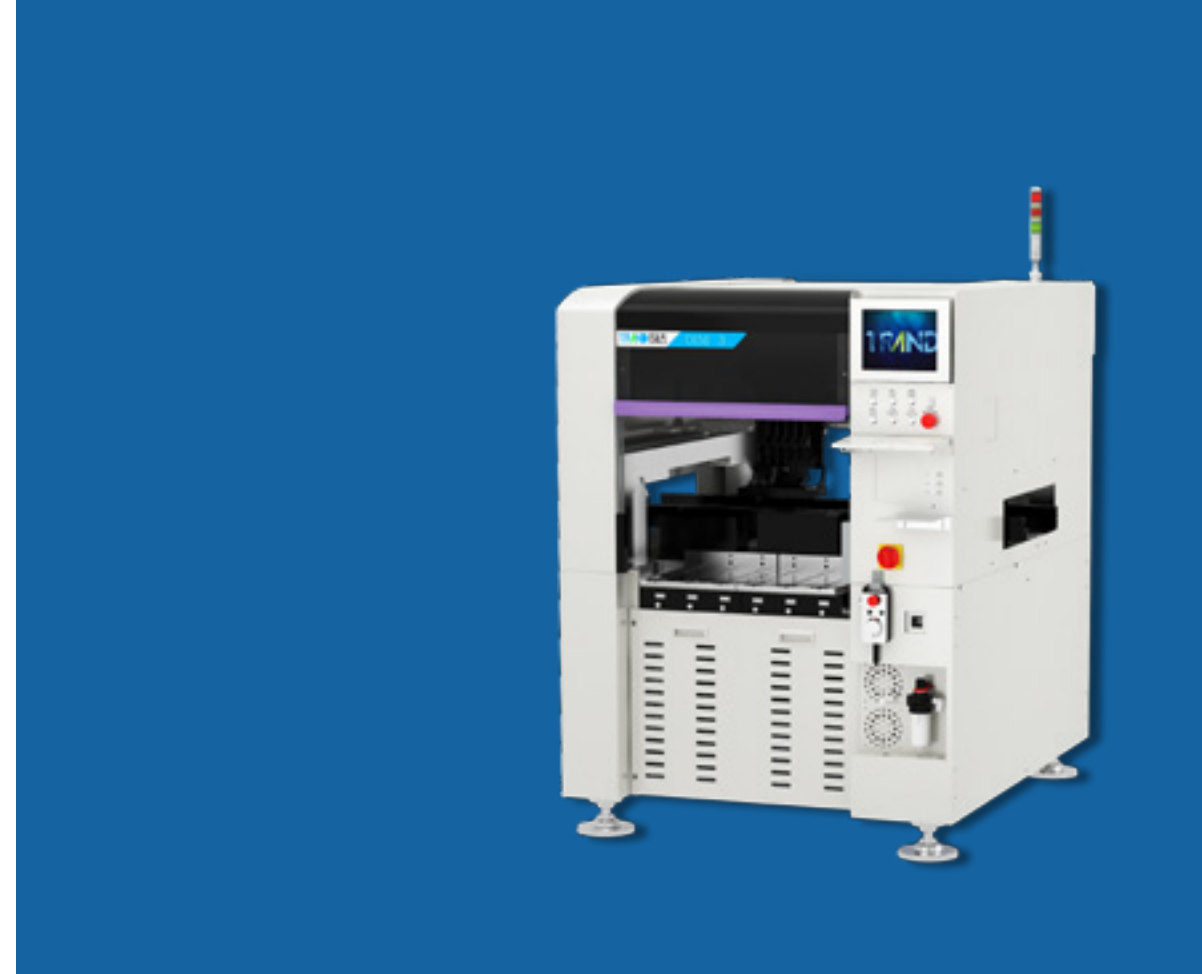


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# 异形插件机



## OIM 系列 SERIES

OIM 是通过模组化设计进行异形元件插入的设备，采用 SMT 贴片技术运用到通孔元器件，高速完成各种异形元件的自动插装，能适应各种连接器、接插件、变压器等。OIM系列设备配置了多个高精度插件头，灵活性更强的多元化供料系统，最简单、有效地对应不同异型元器件的供料方式；灵活、简便、高效、稳定是OIM系列的显著特性。

OIM is a device for the insertion of special-shaped components through modular design. And can adapt to various , connectors, transformers, and so on. The OIM series equipment is equipped with multiple high-precision plug-in heads and a more flexible and diversified feed system, which is the simplest and most effective way to correspond to different type components. Flexibility, simplicity, efficiency, and stability are the remarkable characteristics of the OIM series.



## EIM 系列 SERIES

EIM是针对小批量、多品种而开发的经济型机型。在更换产品时由于很多来料都无法确定，我们采用EIM系列机型可以针对常用零件轻松导入，操作简易，低投入，高回报。

EIM is an economical model developed for small batches and multiple varieties. When replacing products, because many incoming materials can not be determined, we use EIM series models to easily to handle common parts, easy to operate, low investment, and high returns.

## 产品特征 | PRODUCT FEATURE



### 线外编程 Offline Programming

可在插件机外的任一电脑上安装插件机程式编程软件进行编程。  
Plug-in programming software can be installed on any computer outside for programming.



### 数据共享 Data Sharing

插件机的程式数据以及生产数据（PCB大小，插件元件数据，插件坐标等）可分享给别的设备调用。  
The program data of the machine and the production data(PCB size, component data, coordinates, etc.) can be shared to other device calls.



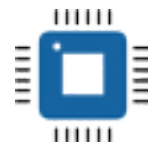
### 精度智能校正 Intelligent Calibration of Precision

设备能通过多种精度算法，并通过生产数据分析设备误差智能校正，提高设备精度。  
The equipment can improve the accuracy through a variety of precision algorithms and intelligent correction of error of production data analysis equipment.



### 1.0≤CPK≤1.67

通过标准的CPK程式，精度证明过程，得到CPK测试结果在1.0~1.67之间。  
Through the standard CPK program, the accuracy proof process, the CPK test result are between 1.0 and 1.67.



### 识别异形零件多重算法 Multiple Algorithm For Identification Of Odd Form Components

通过多重算法识别元件，综合分析并矫正结果。  
The results of corrective analysis through multiple recognition components.

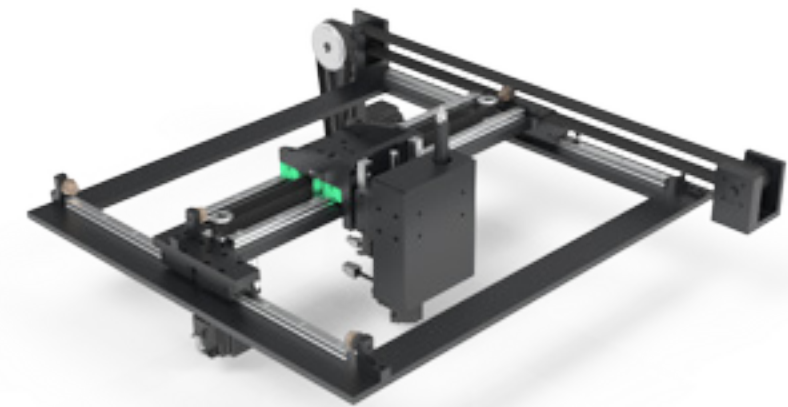
■提高插入率 5%  
■减少生产损耗 5%

Increase insertion rate by 5 %  
Reduction of production losses by 5 %

## 选项功能 | OPTIONS FEATURE

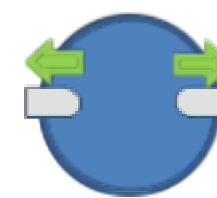
### 弯脚组件

Lead Clinching Unit

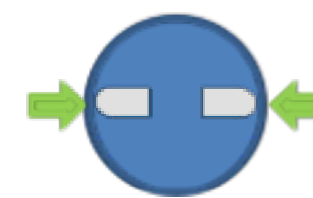


■ 注:部分机型可选配弯脚组件，实现元件插件后自动弯脚，以防止元件焊接时产生的浮高现象;弯脚元件脚线径需 <1.0mm，且漏板脚长不小于 2mm( 具体尺寸以最终设计为准 )。

Note: some models can be equipped with components lead bent to realize automatic bent lead after component plug-in, so as to prevent the floating phenomenon during component welding; The lead diameter of the bent foot shall be less than 1.0mm, and the length of the leaking lead shall be not less than 2mm (the specific size shall be subject to the final design).



外折弯  
Outward bend



内折弯  
Inner bend



回旋折弯（不指定方向，角度）  
Circular(no direction, angle)



2 次折弯（有指定角度）  
2 Turns(with specified angle)

如上图所示，有外折弯、内折弯、回旋折弯、2 次折弯 4 种类型。

As shown in the figure, there are 4 types of outward bending, inner bending, circular bending and 2 turns bending.

■ 部分机型适用，购买前请与当地销售代表取得确认。

Some models are applicable. Please confirm with the local sales representative before purchasing.



规格 Specification		产品型号 Model				
		EIM-2	OIM-2FS	OIM-2FC-W	OIM-3S	OIM-3C
机器尺寸	Size(LxWxH) Weight Operation	1050×1680×1870mm	1300×1700×2000mm	1550×1900×2100mm	1300×1700×2000mm	1550×1900×2100mm
机器重量	System No. Of Door Safety	1250 kg	1650 kg	1750 kg	1730 kg	1800 kg
操作系统	Grating (Door) Air Supply Max	Windows				
开门数量	Power Run Power No. of	单边 Single Side			双边 Double Side	单边 Single Side
门板安全光栅	Insertion Heads Max	标配 Standard Configuration				
气源*1	Component Size Component	0.5-0.65 MPa (ANR)				
设计的最大功率	Height Component Feeding Type	4.5 KW	5.4 KW	6.6 KW	5.2KW	6.3 KW
正常运行功率 *2	Speed / 每颗零件 Component	2 KW	3.3 KW	4	3.5 KW	
贴插轴数量	Placement Accuracy CPK≥1.0	2	4	4	6	6
贴插最大元件尺寸	Insert Power Insertion Direction	≤25mm	φ50 (35×35) mm ≤30mm	≤25mm	φ30 (17×17) mm	φ 5 0 ( 3 5 × 3 5 ) mm
贴插元件高度	Insert Component Object				≤20mm	≤30mm
元件取料方式	Carrier Size (LxW) PCB thickness	吸嘴/夹爪 Nozzle / Clamp				
最快贴插速度 *3		0.8S	0.7S	2.5 (含弯脚)	0.6S	0.6S
贴插精度 (3σ)		±0.06mm	±0.06mm	±0.05mm	±0.06mm	±0.05mm
插入力量		≤29.4N	≤98N		≤29.4N	≤29.4N
贴插方向				≤29.4N	≤29.4N	≤29.4N
贴插元件对象		0-360°				
基板尺寸		各种连接器、开关按钮、变压器、端口插座、电容、电阻、集成芯片等元器件				
治具尺寸		Connector, Switch, Socket Transformer Coils, Ports, Capacitors, Resistors, IC, Etc				
基板厚度		70×70 ~ 300×500 mm 70×70 ~ 410×500 mm 70×70 ~ 450×400 mm 70×70 ~ 410×350 mm 70×70 ~ 410×360 mm				
		Max 350×500mm	Max 500×500mm	Max 500×550mm	Max 410×350mm	Max 410×360mm
		0.6-2.0 mm				
基板通过高度 (上/下)	Conveyor Space (Upper/Lower)	25 mm / 20 mm	30 mm / 20 mm	25 mm / 20 mm	20 mm / 20 mm	30 mm / 20 mm
基板最大重量	Max. PCB Weight	5 Kg			2 Kg	5 Kg
基板夹边宽度	PCB included side width	≥5mm				
基板固定方式	PCB Fixed Type	伺服顶板/气缸夹紧 Sero / Cylinder clamping				
轨道	Conveyor Type	链条 Chain			皮带 Belt	链条 Chain
进板方向	PCB Direction	左→右 / 右→左 R to L / L to R				
轨道分段	Conveyor Section	自动 Auto				
轨道调宽	Conveyor Adjusting					
轨道离地高度	Conveyor Height	750 ± 20mm	900 ± 20mm			
插件弯脚模组 *4	Lead Clutching Unit	/			标配 Standard Configuration	选配 Option
联机信号接口	SMEMA	1				
MES 对接 *5 影像系统 Vision System	MES Connection Mark CCD (Top) Component CCD (Bottom)	2	4		2	6
供料器最大装载数量 Max Stations		4	6	6	10	6
		6	12	12	20	12
		4	6	6	10	6
		6	12	12	20	12
		4	6	6	10	6
		4	4	4	8	4
		1	1	1	2	1
注：如多种类型供料器混合使用，则依实际情况确定使用数量 Remark: If different types feeders mixed using, the num. of feeders are depended on combination.						
*1气源为大气压霜点：-17℃以下，微粒粉：粒径5μm以下，最高油分浓度：5mg/m3以下，另外机器安装时需要气源			*1 Air should be atmospheric frost point: under -17°C, Power Particles: under 5 μm, The highest Oil content: under 5mg/m3. In addition, it need air when machine setup.			
*2根据使用条件会发生变化			*2 Change depending on the use conditions.			
*3视乎不同元件			*3 Only provided the original data format, the rest should be customized.			
*4使用插件弯脚模组会取代顶板机构			*4 Use plug-in bent foot module to replace the PCB supporting mechanism.			
*5只提供原厂设定信息。需要配合客户系统可定制（选配项）						

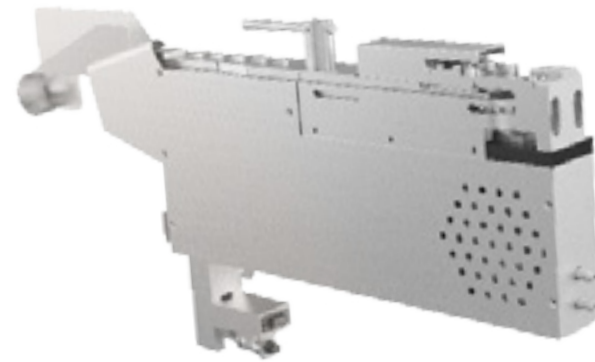
# 编带供料器

· 应用范围广  
· 上料速度快  
· 工作效率高  
· 维护成本低

Wide range of applications  
High feed speed  
Efficient work  
Low maintenance costs

根据来料方式选择合适的供料器，可以自由式搭配更换。在2000年，我们就开始设计和使用震动盘、直震、零件整型、零件成型、编带供料及切断，我们了解和明白零件的特性，及来料的不规范并加以控制和解决，盲插都不是问题。

Choose proper feeder according to its feeding system, it can be matched randomly. In 2000 year, we began to design and use of vibrating plate, straight shock, shear pin parts, parts forming, parts molding, tape feeding and cutting, we understand the characteristics of incoming parts, and is not standardized and controlled and resolved, blind insertion is not a problem.



# B

立式编带供料器

## 259

Radial Tape Feeder

259 立式编带供料器是一款专门为编带电容设计的供料器，该款产品可以在贴片机和插件机上使用，适用电容、LED等物料，具有通用性强、上料速度快、工作效率高、维护成本低等特点，并且可以根据客户不同需求，进行个性化定制。

The 259 Radial Tape Feeder is specifically designed for vertical lead braiding materials. This feeder can be used on the SMT machine and AI machine. It is suitable for materials like capacitor and LEDs etc. Advantage of universality, fast speed, high efficiency and low maintenance cost. And also can customer made for different needs.

# Axial Tape FeederA

轴向卧式供料器

## 202



202 卧式供料器是一款专门为卧式编带设计的供料器，该款产品可以在贴片机和插件机上使用，适用电阻、保险管等物料，具有通用性强、上料速度快、工作效率高、维护成本低等特点，并且可以根据客户不同需求，进行个性化定制。

The 202 Axial Tape Feeder is specifically designed for horizontal lead braiding materials. This feeder can be used on the SMT machine and AI machine. It is suitable for materials like resistor, capacitor and fuse etc. Advantage of universality, fast speed, high efficiency and low maintenance cost. And also can customer made for different needs.



# Radial Tape 90 Feeder

立式编带折<sup>90</sup>度供料器

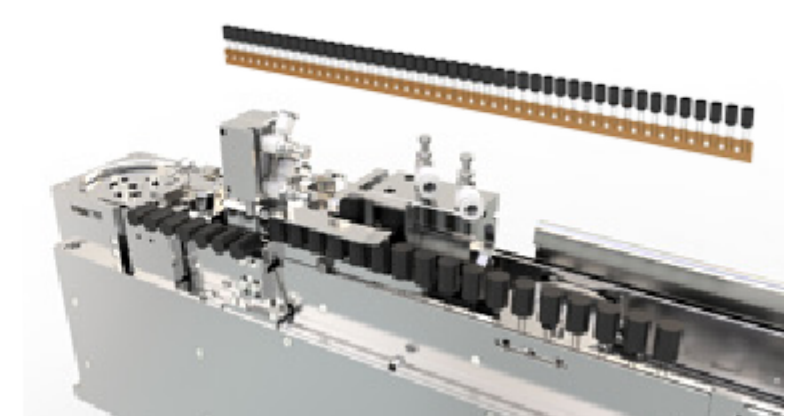
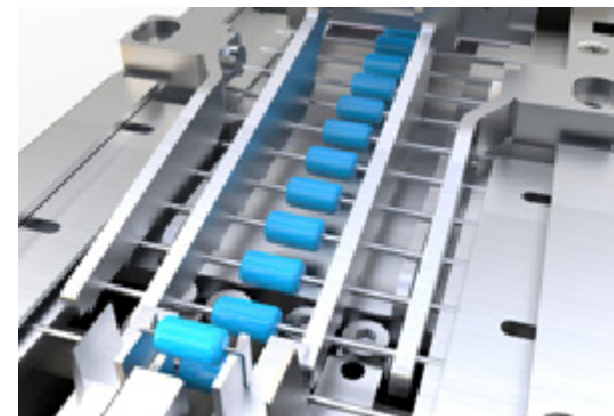
## 207

207 立式编带折 90 度供料器是一款专门为单编带物料设计的供料器，该款产品自动成型弯角90度，可以在贴片机和插件机上使用，适用电容、LED 等物料，具有通用性强、上料速度快、工作效率高、维护成本低等特点，并且可以根据客户不同需求，进行个性化定制。

The 207 Radial Tape Feeder with 90 degree bending mechanism is specifically designed for vertical lead braiding materials which need bending 90 degree before insertion. This feeder can be used on the SMT machine and AI machine. It is suitable for materials like capacitor and LEDs etc. Advantage of universality, fast speed, high efficiency and low maintenance cost. And also can customer made for different needs.



规格 Specification		产品型号 Model			
		259*1	218	202	207
送料方式 Delivery Model		电动 Electric 0.8-1.5Sec/Pcs		气动 Pneumatic 1-1.5 Sec/Pcs	电动 Electric 0.8-1.5 Sec/Pcs
送料时间 Opening Time		电容、LED 等			0.8-1.5 Sec/Pcs
来料包装 适用零件 Incoming Material Applicable Parts		编带料 Tape Material			
编带孔距 Tape Pich		Capcitanse、LED Etc		电阻、保险管等 Resistors、Fuses Etc	电容、LED 等 Capcitanse、LED Etc
编带宽度 Tape Witch		12.7 mm	15 mm		12.7 mm
引脚线径 Pin Diameter		Max 65MM ( 超过此范围需定做 ) ( Beyond This Range Needs To Be Customized )			
适用脚距 Applicable Pitch					
脚长范围 Foot Length Range		0.4 mm - 0.8 mm		0.5 mm - 1.2 mm	0.4 mm - 0.8 mm
设备重量 Weight		2.5 mm - 22.5 mm		L元件 +3≤脚距≤30MM ( 超过此范围需定做 ) ( Beyond This Range Needs To Be Customized )	2.5-10 mm
工作气压 Pressure		2.7 mm - 7 mm			
工作电压 Voltage		5.5 Kg		2.5 mm - 6.5 mm	本体R+3.5 mm 15 Kg
工作电流 Current				8.8Kg	
工作扭矩 Tprque				0.5-0.65 MPa	
适用机器 Applicable Machine		DC24V			
外形尺寸		4A			
		2N/M			
		适用任一品牌插件机 For Any Brand Insertion Machines			
		Outline Dimension 696mm(L)X98mm(W)X300mm(H)	730mm(L)X98mm(W)X310mm(H)	696mm(L)X98mm(W)X300mm(H)	
*1 新设计供料器宽度50MM，机型259，配合插件头间距50MM，达到4同取，提升取件效率75%					
* 不同脚距和本体的零件，需要更换模具。 * Parts with different foot spacing and body need to be replaced with a mold.					



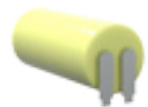
# 托盘供料器

· 高效经济  
· 安全性强  
· 稳定性高  
· 通用性强

Efficient economy  
Security Stability  
Versatility



PCB 小板  
PCB small board



超大电容  
Super capacitance



电感线圈  
Inductive coil



## 248B&213A

248B&213A 托盘供料器是一款专业针对托盘来料开发的供料装置。此产品搭配在插件机上使用，适用 IC、变压器、线圈等物料，具有高效率、通用性、安全性高、稳定性高等特点。我们可以根据客户不同需求，进行个性化定制。

The 248B & 213A Tray Feeder is a specialized material supply device developed for pallet incoming material. This product is used on plug-in machines and is suitable for IC, transformer, coil and other materials. It has the characteristics of high efficiency, universality, high safety and high stability. We can be customized according to the different needs of customers.



## 248C&215&206

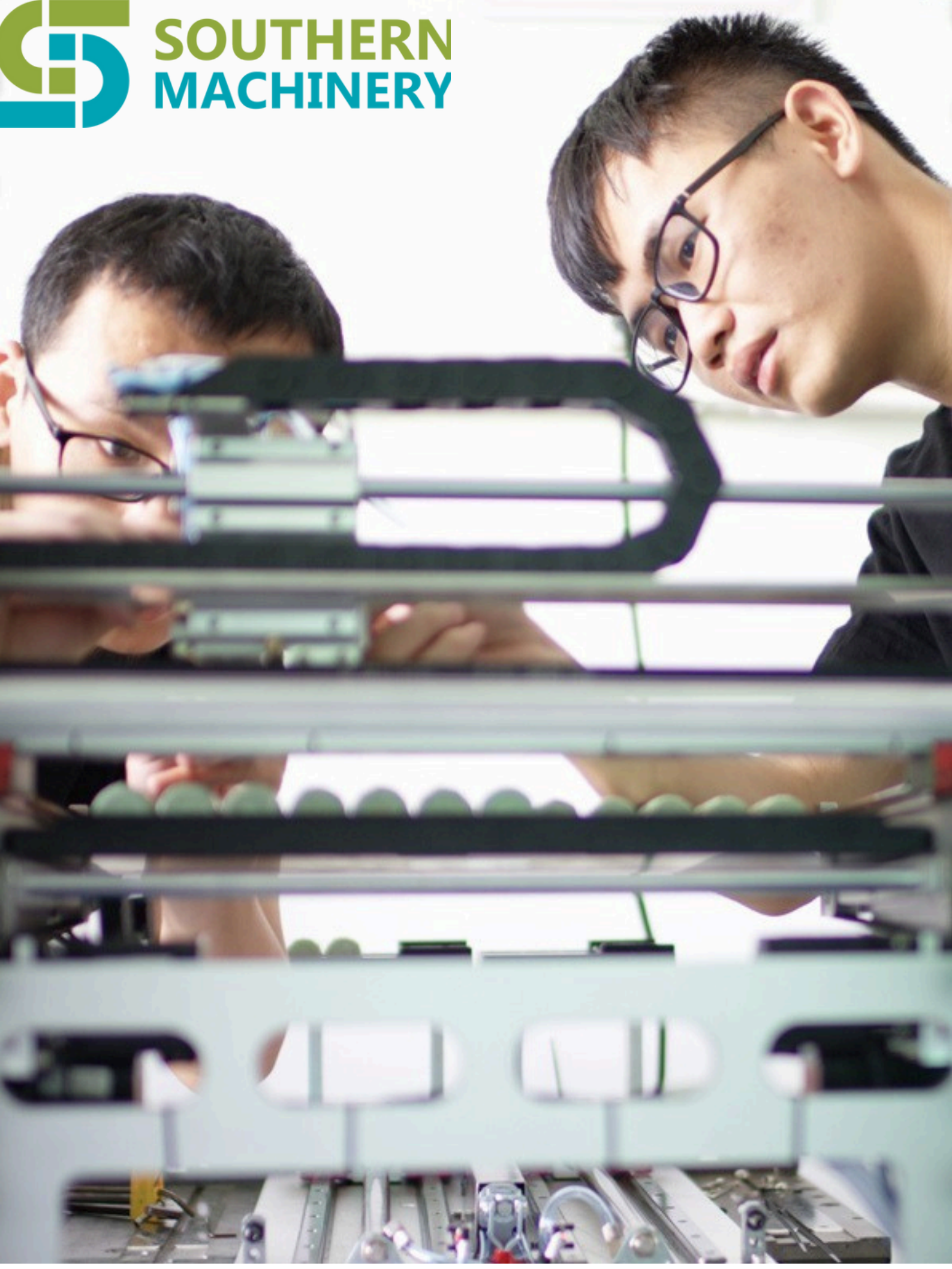
248C&215&206 托盘供料器是专业针对托盘来料

而

开发的供料装置，可运用于贴片机和插件机，适用 IC、变压器、线圈等物料，具有高经济性、安全性高、稳定性高、通用性强等特点。我们可以根据客户不同需求，进行个性化定制。

248C & 215 & 206 Tray Feeder is a feed device developed professionally for pallet incoming materials. This product can be used on the patch machine and plug-in machine. It is suitable for IC, transformer, coil and other materials, and has high economy and safety. High stability, strong versatility and other characteristics, according to the needs of customers, can be customized.





规格 Specification		产品型号 Model						
送料方式		215	215S	206	248B*1	213A	248C	262C
来料包装	Delivery Model	电动 Electric			气动 + 电动	电动 Electric		
适用零件	Opening Time				Pneumatic + Electric			
托盘尺寸	Incoming Material	5--8 Sec / Pcs			1.2-1.8 Sec / Pcs	2-3 S	1.2-1.8 Sec / Pcs	1-1.5 Sec / Pcs
Applicable Parts		托盘料 Tray Material						
		IC、变压器、线圈、网络接口、USB 等。 IC, Transformers, Coils, Network Interfaces, USB Etc.						
(长 X 宽)	Tray Size(Max) (L X W)	260 X 136mm	300 X 160mm	400 X 270mm	282 X 196mm	340 X 250mm	430 X 270mm	
托盘重量 (每盘总重量)	Tray Weight (Gross Weight Per Tray)	Max 3 Kg			Max 2 Kg	Max 1.5 Kg	Max 2 Kg	
层高	Interval Height	28 mm	13.9 mm	40 mm	25mm	280mm (堆叠高度) (Stack height)	45mm	
层数	Number of Layers	10 层 Layers	40 层 Layers	20 层 Layers	/		18 层 Layers	
工作气压	Pressure	0.5-0.65 MPa			无需气源	0.5-0.65 MPa		
功率	Prower				No air supply			
适用机器	Applicable Machine	AC220 V						
适用机器高度 重量	Applicable Machine	200 W	600 W	1500 W	200 W	1500 W	2500 W	
外形尺寸	Height Weight	适用任一品牌插件机 For Any Brand Insertion Machines						
	Outline Dimernsion (L X W X H)	900 mm	750 mm	900 mm	900 mm / 750 mm		900 mm	900 mm / 750 mm
		30 Kg	45 Kg	200 Kg		45Kg	220kg	700Kg
		1420 X 284 X 1160mm		1154 X 791 X 1547mm	700 X 910 X 1600mm	900 X 380 X 285mm	540 X 1060 X 1350mm	1290 X 770 X 1700mm
*1 新设计增加了托盘换盘过度平台，机型262，在托盘同时使用2种物料时，节省了换盘时间，提升效率 30% New design have added a tray changing excessive platform, model 262. Two kinds of components could be used in the same time , it saves time of plate changing and the efficiency have improved by 30%								



# 管料供料器

- 高效经济
- 安全性强
- 稳定性高
- 通用性强

Efficient economy  
Security Stability  
Versatility

## 中型物料管料供料器

Tube Feeder For Mid-Size Material



### 203

203 管装供料器是一款专门为管装物料设计的供料器，该款产品可以在贴片机和插件机上使用，适用电容、变压器、继电器、VGA等物料，具有通用性强、上料速度快、工作效率高、维护成本低等特点，并且可以根据客户不同需求，进行个性化定制。

The 203 Tube Feeder is a feeder designed specifically for pipe loading materials. This product can be used on patch machines and plug-in machines. It is suitable for capacitors, Transformers, relays, VGA and other materials. It has the characteristics of high versatility, fast feeding speed, high working efficiency, low maintenance cost, and can be customized according to the different needs of customers.

## 小型物料管料供料器

Tube Feeder For Small-Size Material



### 222

222 管装供料器是一款专门为小管装物料设计的供料器，该款产品可以在贴片机和插件机上使用，适用IC、小晶体等物料，具有通用性强、上料速度快、工作效率高、维护成本低等特点，可增加切脚与整形功能，并且可以根据客户不同需求，进行个性化定制。

The 222 Tube Feeder is a feeder designed specifically for small tube loading materials. The product can be used on the patch machine and plug-in machine. It is suitable for IC, small crystals, etc.. It has the characteristics of high versatility, fast feeding speed, high working efficiency, and low maintenance costs. It can additional configured lead cutting and pre-form function, and can be customized according to the customer's different needs.

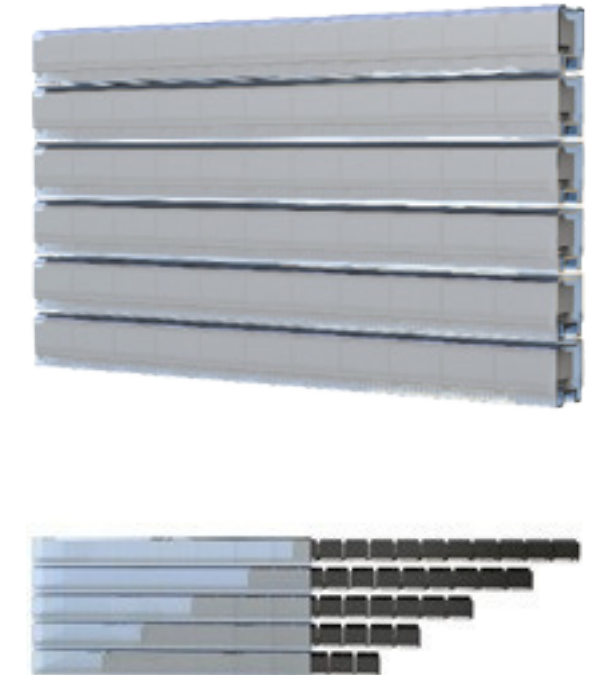
## 大型物料管料供料器

Tube Feeder For Large-Size Material

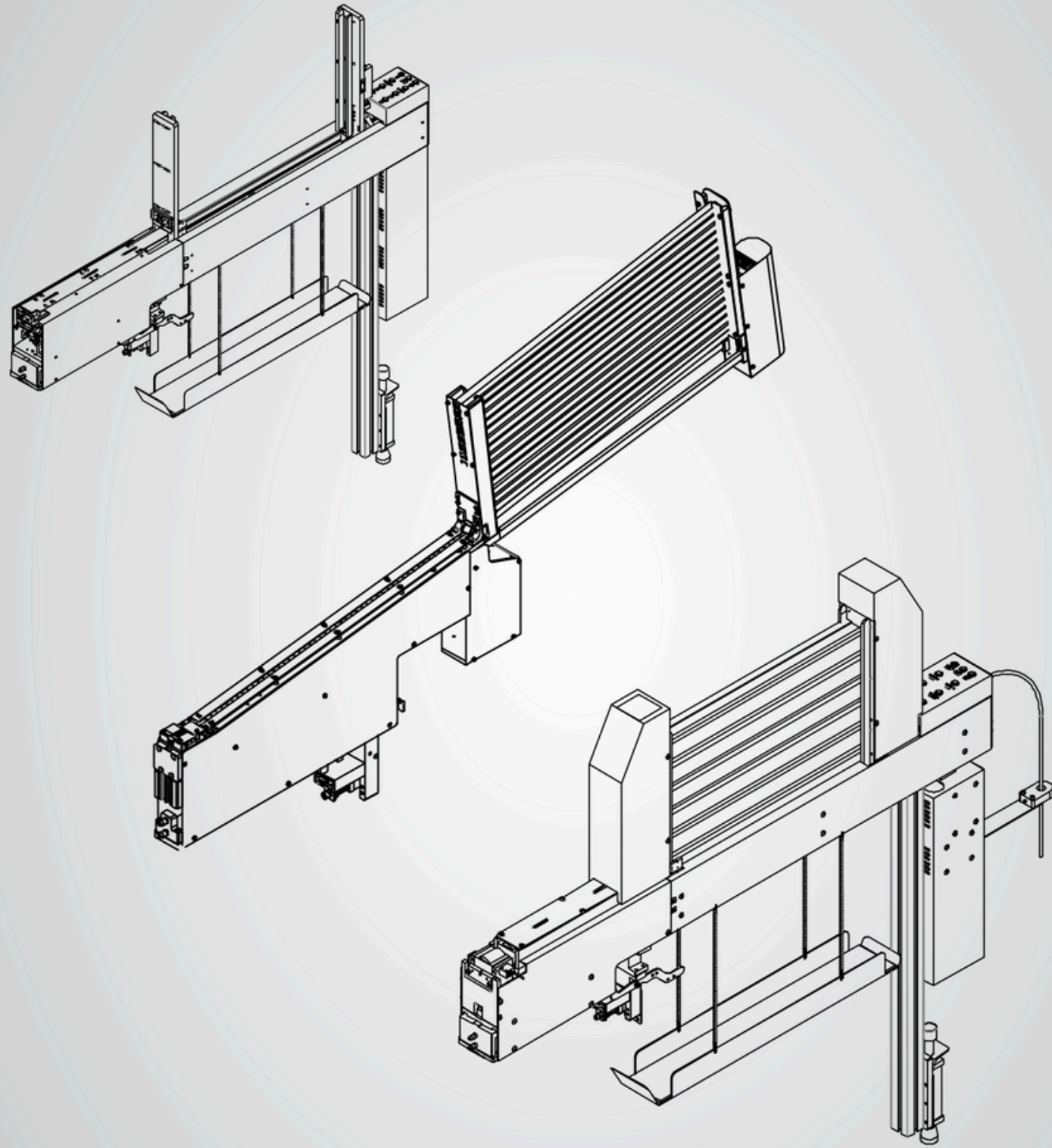


### 229

229 管装供料器是一款专门为管装物料设计的供料器，该款产品可以在贴片机和插件机上使用，适用电容、变压器、继电器、VGA等物料，具有通用性强、上料速度快、工作效率高、维护成本低等特点，并且可以根据客户不同需求，进行个性化定制。



The 229 Tube Feeder is a feeder designed specifically for pipe loading materials. This product can be used on the patch machine and plug-in machine. It is suitable for capacitors, Transformers, relays, VGA and other materials. It has the characteristics of high versatility, fast feeding speed, high working efficiency, low maintenance cost, and can be customized according to the different needs of customers.



# TUBE FEEDER APPLICATION



规格 Specification		产品型号 Model					
		203*1	228	229	210	222	237
送料方式 Delivery Mode		电动 Electric					
送料时间 Opening Time		0.8-1.5 Sec/Pcs			0.8-1.5 Sec/Pcs		
来料包装 Incoming Material		管装料 Tube Loading					
适用零件 Applicable Parts		继电器、变压器等 IC Relay、Transformer More					
适用尺寸 Applicable Size		Max 30X30X30 mm	30X30X30 mm / 50X50X50 mm			Max 30X30X30 mm	
最大承重 Weight Capacity		Max 4 Kg	Max 10 Kg	Max 4 Kg	Max 2 Kg		
切脚整形 位移 Sliced Foot Type		X	0	X	X	X	0
最多承载种类 Displacement		0	X	X	X	X	X
料管长度 Max Load Type		1	1	1	2	1	1
设备重量 Tube Length		Max 500mm					
工作气压 Weight		28Kg	30 Kg			12 Kg	
工作电压 Pressure		0.5-0.65 MPa					
工作电流 Voltage		DC24 V					
工作扭矩 Current		4A					
适用机器 Torque		2N/M					
外形尺寸 Applicable Machine		适用任一品牌插件机 For Any Brand Insertion Machines					
Outline Dimension		1197mm(L)X92mm(W)X1217mm(H)	1402mm(L)X92mm(W)X1217mm(H)	1275mm(L)X85mm(W)X650mm(H)			

\*1 新设计供料器宽度 50MM，机型 238，配合插件头间距 50MM，达到 4 同取，提升取件效率 75%

\*"x" 代表无，"o" 代表有

\*超出 30X30X30mm 的零件，管长大于 500mm，需要定制

\*"X stands for none, " 0" stands for yes

\*Spare parts exceeding 30x30x30mm, tube greater than 550mm, to be customized

# 散料供料器

· 高效经济  
· 安全性强  
· 稳定性高  
· 通用性强

Efficient economy  
Security Stability  
Versatility

**单层供料器**  
Single Layer Bowl Feeder



205

205 散料供料器是专业针对托盘来料开发的一款供料装置，该款产品可以用在插件机上使用，适用 IC、变压器、线圈等物料，具有高经济性、安全性高，稳定性高、通用性强等特点，可以根据客户不同需求，进行个性化定制。

The 205 Bowl Feeder is a supply device developed professionally for pallet incoming materials. This product can be used on insertion machines.. It is suitable for IC, Transformer, coil and other materials, and has high economy, high security, high stability, and strong versatility. Can be customized according to the customer's different needs.

**双层供料器**  
Double Layer Bowl Feeder



209

209 散料供料器是专业针对散装来料开发的一款供料装置，该款产品可以用在插件机上使用，适用接插件、端子、小型变压器、VGA、耳机接头、USB、开关、HDMI等物料，其中振动盘为双层，节约空间，提高送料效率，可以根据客户不同需求，进行个性化定制。

The 209 Bowl Feeder is a feed device professionally developed for bulk incoming materials. This product can be used on insertion machines.. It can be used for plug-ins, terminals, small Transformers, VGA, headphone connectors, USB, switches, HDMI, etc.. Materials, Among them, the vibration disk is double layer, saves space, improves the feed efficiency, can be customized according to the different needs of customers according to the customer's different needs.

**极性识别震动盘供料器**  
Identify Polarity Vibrant Bowl Feeder  
可自动区分 LED，电容极性并自动调整方向  
Can automatically distinguish LED,  
Capacitance polarity and automatic redirection



214

214 散料分极性供料器是专业针对散装 LED、电容来料开发的一款供料装置，该款产品可以自动区分 LED，电容极性并自动调整方向，具有高经济性、安全性高、稳定性高、通用性强等特点，可以根据客户不同需求，进行个性化定制。

The 214 Bowl Feeder is a feed device developed professionally for bulk LEDs and capacitors. This product can automatically distinguish LEDs, capacitive polarity and automatically adjust direction, with high economy, high security, high stability, strong versatility and other characteristics. Can be customized according to the customer's different needs.





BOWL FEEDER  
APPLICATION

规格 Specification		产品型号 Model						
		205	209	225	227	232	233	214
送料方式 Delivery Mode		震动 Vibrant						
送料时间 Opening Time		0.8-1.5 Sec/Pcs 散装料 Bulk						
来料包装 Incoming Material	适用零件 Applicable Parts	接插件、端子、小型变压器、VGA、耳机接头、USB、HDMI 等。						
重量 Weight		Plugin, Terminal, Small Transformer, VGA, Headphone Connector, USB, Switch, HDMI Etc..						
工作气压 Pressure		约120 Kg		约150 Kg			约160 Kg	
工作电压 Voltage		0.5-0.65 MPa						
功率 Power		AC220V						
切脚整型 Cut And Pre-Form		200W						
分料 Storing								
盘数 Number Of Bowl		X	X	X	0	X	X	X
		X	X	0	X	X	X	X
		1	2	1	1	1	2	1
可使用来料种类 Available Fraction		1	2	1	1	2	4	1
分辨极性 Identify Polarity		X	X	X	X	X	X	0
适用机器 Applicable Machine		适用任一品牌插件机 For Any Brand Insertion Machines						
外形尺寸 Outline Dimension		900mm(L)X400mm(W)X1065mm(H)						

\*"x"代表无, "o"代表有      \*"x" stands for none, "o" stands for yes  
 \* 以上参数仅供参考, 请以机器实际性功能为准      \* The above parameters are for reference only. Please refer to the actual function of the machine.



# 适用元件

各种连接器、开关按钮、变压器、端口插座、电容器件等。  
CONNECTOR, SWITCH, SOCKET, TRANSFORMER, COILS, PORTS, CAPACITORS, ETC



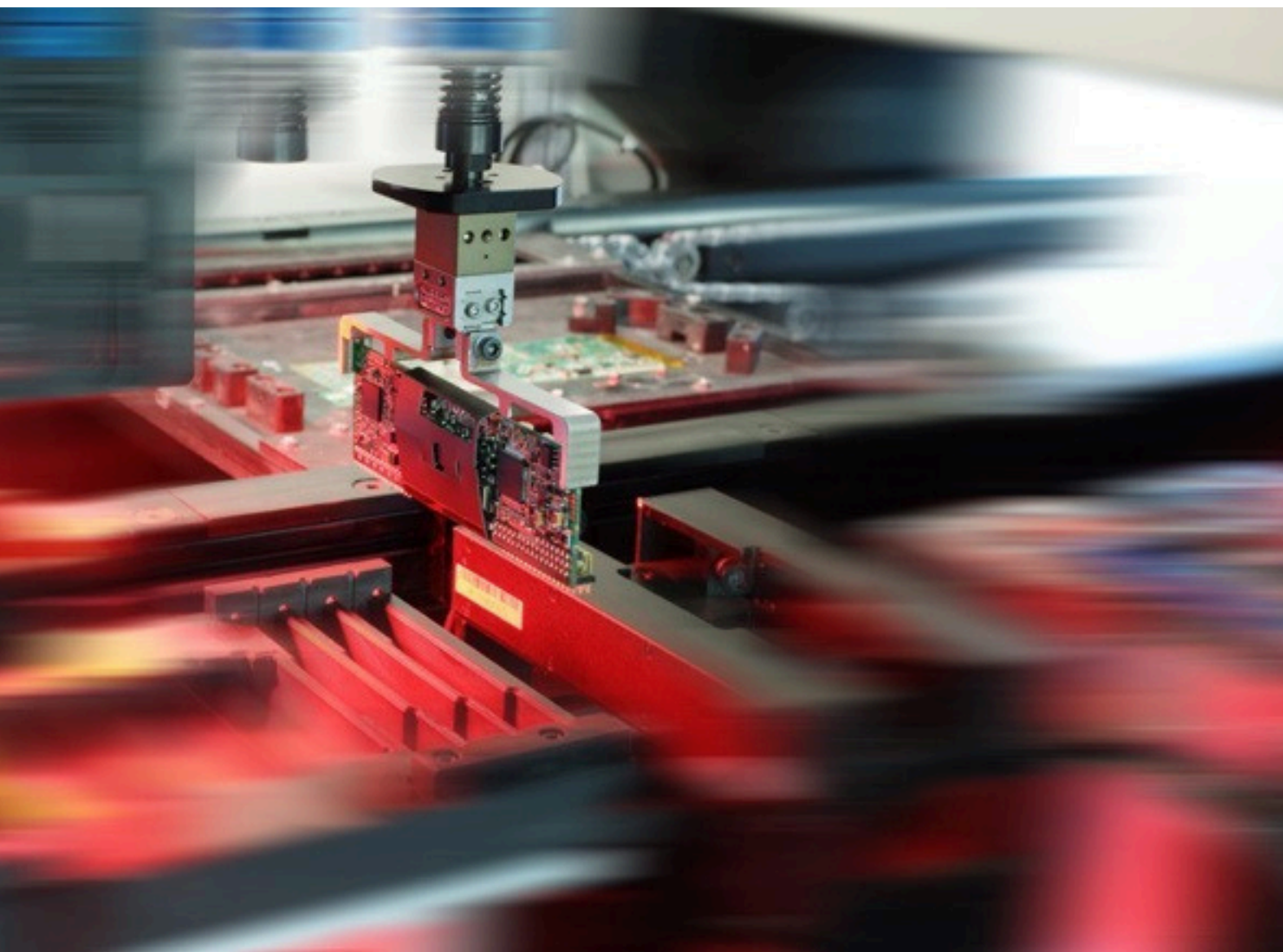
# 夹爪选型

为了适应异形原件的多样性，根据不同零件外形，设计最适合的吸嘴和夹爪，为高速插件机提供保障。

19

年电子元件设备设计、制造及现场使用丰富经验，能最大程度保障零件的抓取、插入率。专业、可靠、放心才是你选择我们的理由。

We design nozzles and clammer to fit different odd components accoding to different shapes for easy replacement to secure high-speed inserting.



IC



电容  
Capacitor



方块电容  
Capacitor



晶体  
Transistor



开关按钮  
Tact Switch



三针端子  
Connector



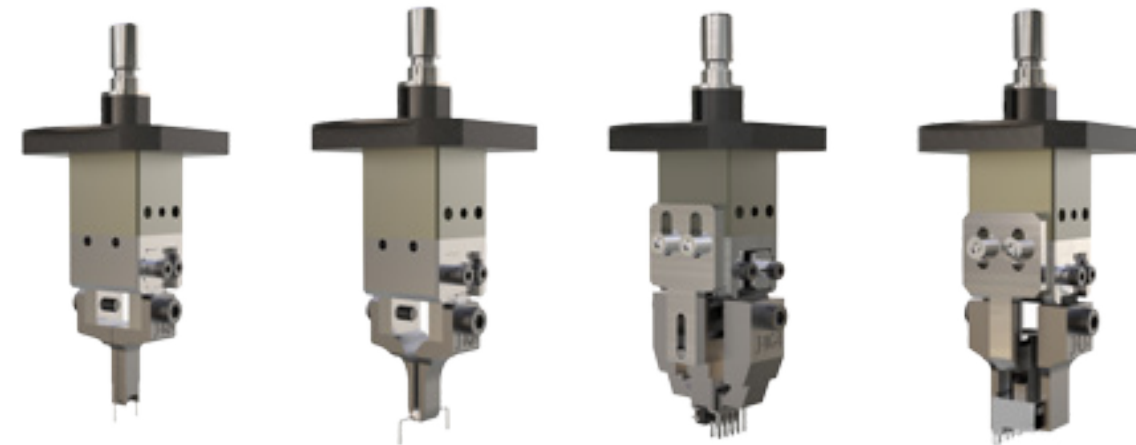
排插端子  
Terminal



拨码开关  
Switch



VGA



U型电阻  
U shaped Resistor

U型电阻  
U shaped Resistor

排针  
Pin

USB

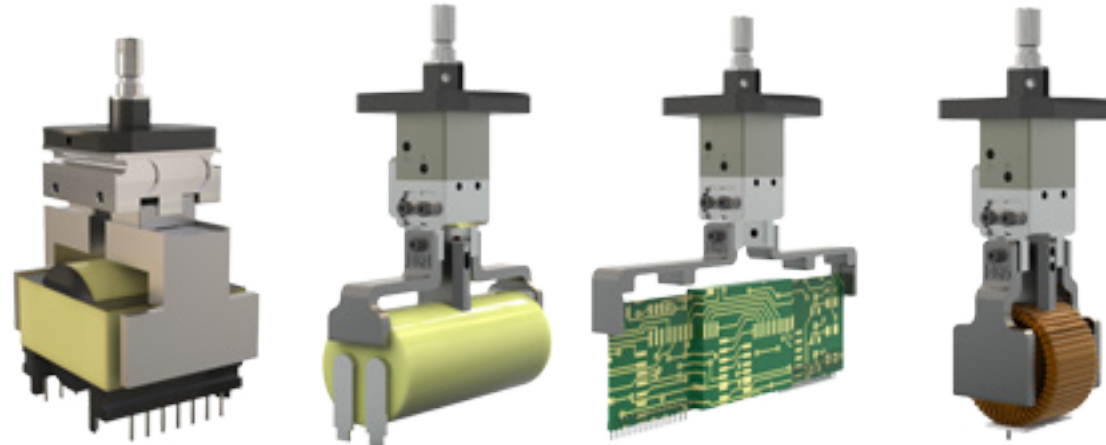


90°折弯电容  
Capacitor

电感夹爪  
Inductor

连接器  
Connector

电感线圈  
Coil



大变压器  
Transformer

超大电容  
Capacitor

PCB 小板  
Module

电感线圈  
Coil

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Welcome to our factory in Shenzhen China

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