

产品目录

Contents



- 吸管生产工艺流程图
Drinking straw production process
- 吸管挤出生产线
Straw Tube Making Equipment
- 可弯吸管成型机系列
Straw corrugating (flexible) machine
- 艺术吸管、勺型吸管成型系列
Super (artistic) flexible straw & Spoon straw making machine
- 单支吸管包装机系列
Individual straw packing machines
- 多支吸管包装机系列
Group straws packing machines
- 利乐吸管包装系列
Straw packing Machines for Industrial Use(Tetra-pak)
- 塑料勺联排包装机
Plastic spoon packing machine
- 口服液吸管包装机系列
Oral solution straws packing machines
- 吸管辅助设备系列
Auxiliary equipment for drinking straw machine series
- 其他类似吸管设备系列
Other straw similar products machine series
- 质量控制和售后服务
Quality Control and service



吸管生产简易流程图

Straw production process...



艺术吸管 (artistic straws)



直管 (straight straws)



连排吸管
(I-shape connected straws)



多支枕式包装 (Multi-pieces
pillow-shape packed straws)



多支边式包装 (multi-piece three
sides sealing packed straws)



勺型吸管
(Spoon straws)

专业制造饮料吸管设备
Professional drinking straw machines manufacturer



可弯吸管 (flexible straws)



单支冷切包装吸管 (cooling cutting film packed individual straw)



单支纸(膜)包装吸管 (paper (film) packed individual straw)



U型吸管 (U-shape straws)

QING CHEN YU MACHINERY





JY01 系列吸管挤出生产线

JY01 Series high-speed drinking straw extrusion machine

简介 Introduction:

JY01 系列饮料吸管挤出生产线是制造直型饮料吸管的成套设备,由挤出装置、冷却装置、牵引切割装置和电器控制部分组成。采用聚丙烯(PP)为生产原料,配合色母粒的使用,经过加热熔融、挤出、定型、冷却、牵引、切割,可生产透明、单色、双色、三色、多色饮料吸管。本机组性能先进,产品长度误差小于 $\pm 1\text{mm}$ 。

JY01 series extruding line is the machine to produce the straight drinking straws which consists of extruding device, cooling device, cutting device and electrical control device. These machines are able to produce transparent, single-colour, double-colours, tri-colours, and multi-colours straight straws, of which the processes are melting, extruding, shaping, cooling, pulling and cutting. The performance of this series is top notch with a length error within $\pm 1\text{mm}$.

主要特点 Features:

1. 结构简单、操作方便,自动化程度高,只需一人操作整条生产线。Simple structure, easy-to-operate, highly-automation, with merely one operator controlling the entire line
2. 切口形式有多种形式可选 Multi-choice for the cut-end $90^\circ/90^\circ$ 、 $90^\circ/45^\circ$ 、 $90^\circ/60^\circ$ 、 $45^\circ/45^\circ$ 、 $60^\circ/60^\circ$.
3. 水槽、料斗等均采用不锈钢板制造,卫生美观。The cooling tank and hopper are made of stainless steel board, hygienic and beautiful.
4. 具有计数功能,可实现批量报警。Have a counting function, and alarm volume can be achieved.



技术参数 Specifications:

| 型号/Model | JY011 | JY012 | JY013 |
|---|--|--|--|
| 原料Raw material | PP\PE | | |
| 吸管色彩种类 Colour of the drinking straws | 透明、单色吸管 Transparent, one colour straws | 透明、单色吸管上可有单色彩线条 Transparent, one colour straws with one colour stripe | 透明、单色吸管上可有双色彩线条 Transparent, one colour straws with two-colour stripe |
| 马达 Driving motor | 7.5KW (45 螺杆 screw) | 11kw(50 螺杆 screw) | 变频控制 control by frequency converter |
| 副马达 Assistant motor | 无 None | 0.75kw 变频控制 control by frequency converter | 0.75kw×2 变频控制 control by frequency converter |
| 牵引切割装置 Pulling and cutting unit | 0.75kw×2 | | |
| 主螺杆 Main screw | 直径 Diameter : 45mm 直径 Diameter : 50 mm | 长径比 Length/Diameter:25/1 长径比 Length/Diameter:28/1 | |
| 副螺杆 I Assistant screw I | 无 none | 直径 Diameter:25mm | 长径比 Length/Diameter:20/1 |
| 副螺杆 II Assistant screw II | 无 none | | 直径 Diameter:25mm 长径比 Length/Diameter : 20/1 |
| 定型及冷却装置 Forming&cooling unit | 浸水式,水槽长度有3.5米,4.5米可选 Vacuum soaking 3.5m or 4.5m cooling tank can be choose | | |
| 自动温度控制器 Automatic temperature controller | 4 个 pieces | 7 个 pieces | 10 个 pieces |
| 总功率 Total power | 15kw(45) 20kw(50) | 17kw(45) 21kw (50) | 20kw(45) 24kw(50) |
| 实际功率 Actual power | 10kw(45) 12kw(50) | 12kw(45) 14kw(50) | 14kw(45) 16kw(50) |
| 吸管技术参数 Straw specifications | 直径 Diameter : $\phi 2 \sim 12$ mm(小、中、大模头选配 small、middle、big mould can be selected) | | |
| | 长度 Length:3~1000mm | | |
| | 长度误差 Length tolerance : ± 1 mm | | |
| 生产能力 Capacity | 800~1200 支 pcs/min 分钟 (18~30 公斤 kg/h 小时) | | |
| 占地面积 Area | 2m×8m | | |
| 机器重量 Weight | 1.4 吨 T | 1.6 吨 T | 1.8 吨 T |
| 选购装置 Extra purchase devices | 1、真空定径装置 (用于生产壁厚大于0.5mm的管材) Vacuum device(make the straws which thickness >0.5mm) 2、空压机 Air compressor | | |
| 多色挤出机或双色共挤、三色共挤需要定制 Multi-colors straw extrusion machine and co-extrusion machine needs customize | | | |





PLA 吸管挤出机

PLA drinking straw extrusion machine

简介 Introduction:

PLA生物可降解吸管挤出机采用最先进的温度控制系统,结构简单,操作方便,自动化程度高,运行稳定可靠,生产效率高。螺杆机筒等重要零件全部采用优质合金钢制造并氮化处理。水槽、真空定型装置、料斗等全部采用不锈钢材料制造,卫生美观。电机均采用变频控制,采用先进的温度控制电路和元器件对温度实行控制和显示。

PLA biodegradable drinking straw extruder adopts temperature controlling system with the advantages of simple structure, easy-to-operate, high-automation, stable operation, and high production efficiency. Important components including the screw barrel are made of quality alloy steel with the nitrogen treatment. The water tank, vacuum shaping device, and the hopper are made of stainless steel, hygienic and beautiful. Frequency converter control technology is used on motor, while advanced circuit and components are used for temperature control and display.

技术参数 Specifications:

| | |
|---------------------------------|---|
| 驱动马达 Driving motor | 380V, 三相 three phase 15kw |
| 电源 Power | 380V, 三相 three phase 50Hz |
| 色彩种类 Colour Category | 单色 Single colour |
| 挤出量 Capacity | 500-600 公斤/24 小时 kg/h |
| 主螺杆 Main Screw | 直径 Diameter: 50mm 长径比 Length/Diameter: 33/1 |
| 原料 Raw material | PLA |
| 温控装置 Temperature Control Device | 当温度未到达指定的温度时,机器按任何按钮亦不会工作 The machine will not run when you press any button if the temperature doesn't reach the setting value |
| 总功率 Total power | 25KW (实际用电量 Actual power: 18kw 左右) |
| 占地面积 Area | 8m x 2m = 16m ² |
| 机械重量 Weight | 1.4T |



JY-C 牵引切割机 Pulling and cutting machine

简介 Introduction:

牵引切割机是吸管挤出机的标配装置,本公司有多种牵引切割机供客户选配。

Pulling and cutting machine is a standard device for the drinking straw extrusion machine. There are a variety of pulling and cutting machines for our customers to select.



C-1 老式切台 C-1 Pulling and cutting machine

简介 Introduction:

可生产斜口和平口吸管,选购L-型理管机可实现自动理管。总功率:1.5kw

Used to cut the drinking straws with the cut-end:90°/90°、90°/45°、90°/60°、45°/45°、60°/60°. Extra purchase the F-1 L-shape automatic drinking straw gathering machine can gather the drinking straws automatically.
总功率 Total Power: 1.5kw



C-2 大刀盘牵引切割机(带自动理管装置)

C-2 Pulling and cutting machine (with an automatic straws-gathering device)

简介 Introduction:

C-2 Pulling and cutting machine (with an automatic straws-gathering device)

用于生产平口吸管 实现全自动理管 总功率:2kw

Used to cut the drinking straws with the cut-end:90°/90°,it can gathering the straws automatically. Total power:2kw



C-3 螺旋线条牵引切割机

C-3 Spiral stripe pulling and cutting machine

简介 Introduction:

C-3 螺旋线条牵引切割机 C-3 Spiral stripe pulling and cutting machine

该牵引切割机用于生产螺旋线条的吸管。通过两组电机交叉错开,使吸管产生扭转形成螺旋状彩条,再通过旋转刀盘将其切断。总功率:1.5kw

C-3 Used to rotate the stripes on the straws and cut the straws to make the spiral stripes on the drinking straws. Total power:1.5kw





JY021 全自动可弯吸管成型机

JY 021 Series automatic flexible drinking straw making machine

简介 Introduction:

JY021 系列全自动可弯吸管成型机是吸管挤出机的配套设备,用于将直管加工成可弯吸管。整套设备从输入到成品输出完全自动化,只需人工添加直管坯料到成型机上部的料斗中。

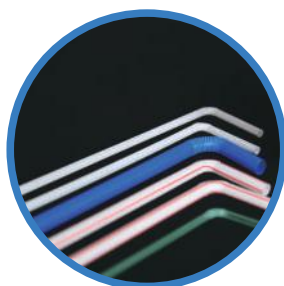
JY021 series flexible drinking straw making machine is used to bending the straight drinking straws that made by JY01 series extrusion machine. The machine is automatic from input to finished output, just except adding the straight drinking straws into the hopper manually

主要特点 Features:

- 1.运行平稳,无极调速。Running smoothly, stepless adjustable.
- 2.自动计数,指定批量报警,可方便人工装袋。Automatic counting. Alarm when the pre-set value is reached, which is convenient for packing.
- 3.具有故障自动停车功能。Automatic stop when fault.

技术参数 Specifications:

| | | | | |
|---|---|---------------|---------------|---------------|
| 驱动马达 Driving motor | 1.5kw (变频调速 control by frequency converter) | | | |
| 生产能力 Capacity | 200 ~ 300 支/分钟(pcs/min) | | | |
| 制品规格 Specifications of the drinking straws | 内径 Inner diameter | φ3.8mm | φ4.8mm | φ5.8mm |
| | 壁厚 Thickness | 0.12 ~ 0.20mm | 0.12 ~ 0.20mm | 0.12 ~ 0.20mm |
| | 直管胚长度 Length of the straight straw | 165 ~ 245mm | 200 ~ 260mm | 200 ~ 260mm |
| | 弯管长度 Length of flexible straw | 150 ~ 230mm | 185 ~ 245mm | 185 ~ 245mm |
| | 短项长度 Upper end length | 33~50mm | | |
| | 曲纹节数 Ring amount | 10~12 | | |
| 内径 3.5~12mm, 长度在 165~300mm 范围内特殊规格可定制 Straw inner dia..can be customizable from 3.5mm to 12mm, straw length from 165mm to 300mm (可定制两段曲纹的 Z 型吸管成型机 Z-shape flexible straw machine can be customizable) | | | | |
| 机械尺寸 Size | 1500×1800×1600mm | | | |
| 机械重量 Weight | 1000kg | | | |



JY026 高速可弯吸管成型机

JY026 Series High speed automatic flexible drinking straw making machine

简介 Introduction:

JY026系列高速全自动可弯吸管成型机是吸管挤出机的配套设备,用于将直管加工成可弯吸管。整套设备从输入到成品输出完全自动化,只需人工添加直管坯料到成型机上部的料斗中。履带式输送方式可同时携带40根吸管连续不断地高速运行。JY026 series High speed automatic flexible drinking straw making machine is used to bending the straight drinking straws that made by JY01 series extrusion machine. The machine is automatic from input to finished output, just except adding the straight drinking straws into the hopper manually. It can work with 40 straws in a continuous manner by tracked delivery method.

主要特点 Features:

1. 生产效率高。High efficiency.
2. 高速运行平稳,无极调速。High speed running smoothly, stepless adjustable.
3. 自动计数,指定批量报警,可方便人工装袋。Automatic counting. Alarm when the pre-set value is reached, which is convenient for packing.
4. 具有故障自动停车功能。Automatic stop when fault.

技术参数 Specifications:

| | | | | |
|---|---------------------------------------|-------------------|---------------|---------------|
| 驱动马达 Driving motor | 1.5kw (变频调速控制 by frequency converter) | | | |
| 生产能力 Capacity | 700 ~ 750 支/分钟(pcs/min) | | | |
| 制品规格 Specifications of the drinking straws | 内径 Inner diameter | φ3.8mm | φ4.8mm | φ5.8mm |
| | 壁厚 Thickness | 0.17 ~ 0.20mm | 0.17 ~ 0.20mm | 0.17 ~ 0.20mm |
| | 直管胚长度 Length of the straight straw | 165 ~ 245mm | 200 ~ 260mm | 200 ~ 260mm |
| | 弯管长度 Length of flexible straw | 150 ~ 230mm | 185 ~ 245mm | 185 ~ 245mm |
| | 短项长度 Upper end length | 35~48mm(固定 fixed) | | |
| | 曲纹节数 Ring amount | 10~12(固定 fixed) | | |
| 内径3.5~8.0mm 范围内特殊规格可定制 Inner dia. can be customizable from 3.5mm to 8.0mm | | | | |
| 机械尺寸 Size | 2200×1500×1700mm | | | |
| 机械重量 Weight | 1200kg | | | |





艺术可弯吸管成型机

Artistic flexible straw making machine

简介 Introduction:

艺术可弯吸管成型机是将直管加工成多节牙可弯艺术吸管的设备,牙数可多达60节。有全自动半自动两种可选。

Artistic flexible straw making machine is a kind of equipment used to make multi-teeth artistic flexible drinking straws. The teeth number can reach to 60pcs. We supply full-auto and semi-auto machine for you to selection.

JY028全自动艺术可弯吸管成型机用于将直管加工成可弯艺术吸管。整台设备从输入到成品输出完全自动化,只需人工添加直管坯料到成形机上部的料斗中,生产效率高。

JY028 full-auto making machine is used to bending the straight drinking straws to be artistic flexible drinking straws. The machine is automatic from input to finished output, just except adding the straight drinking straws into the hopper manually.

JY025半自动艺术可弯吸管成型由手工将直管送入机器,手动开关控制两组成形轮旋转,艺术弯管自动压成,人工抽出吸管后,手推成形。

JY025 Semi-auto making machine is by artificial feeding the straight drinking straws into the machine. two groups of forming wheel are controlled by switch to rotate. Then, the artistic flexible straw is automatically shaped. Finally, the drinking straws are pulled out and shaped by hand.

技术参数 Specifications:

| 型号 Type | | JY025 | JY028 |
|--|-------------------|----------------|---|
| 驱动马达 Driving motor | | 90w | 1.5kw (变频调速 control by frequency converter) |
| 生产能力 Capacity | | 30支/分钟 pcs/min | 80-150支/分钟 |
| 吸管规格 Specifications of the drinking straws | 内径 Inner diameter | 5.8mm | 5.8mm |
| | 长度 Length | 270~400mm | 270~340mm |
| | 壁厚 Thickness | 0.15~0.19mm | 0.15~0.19mm |
| | 牙数 Teeth | 55~60牙 可选 | 55~60牙 可选 |
| 其他规格可以定制 Other specifications are customizable | | | |
| 机械尺寸 Size | | 200 × 90×160mm | 1900 × 1800×1600mm |
| 机械重量 Weight | | 20kg | 1200kg |



JY025



JY028

JY029 全自动勺型吸管成型机

JY029 Automatic spoon-straw making machine

简介 Introduction:

JY029 全自动勺型吸管成型机是吸管的二次加工设备,可以将直吸管的一端加工成调羹状(勺型)的设备。主转盘可携带12根吸管连续不断地运行,自动切割成型。

JY029 machine is a special straw making machine in the straw secondary processing. It can cut one end of the straight drinking straws to be spoon-shape. The machine can run with 12 straws in a continuous manner and cut it to be spoon-shaped at the same time.

主要特点 Features:

1. 自动化程度高,连续运行可靠。High degree of automation. Reliable when continuous operation.
2. 连切连烫,勺型一致。Cutting and heating in continues. The shape is consistent.

技术参数 Specifications:

| | | |
|--|---|----------------------------|
| 驱动马达 Driving motor | 1.5kw (变频调速 control by frequency converter | |
| 生产能力 Capacity | 100~150 支/分钟 pcs/min | |
| 吸管规格 Specifications drinking straws | 内径 Inner diameter | Φ6~8mm choice one diameter |
| | 长度 Length | 200~270mm |
| | 壁厚 Thickness | 0.15~0.25mm |
| 其他规格可以定制 Other specifications are customizable | | |
| 机械尺寸 Size | 1000 × 1000×1600mm | |
| 机械重量 Weight | 500kg | |





JY035 高速单支吸管纸(膜)包装机

JY035 High speed individual drinking straw paper (film) packing machine

简介 Introduction:

JY035系列全自动高速单支纸(膜)包装机是一种将单支饮料吸管用纸或者薄膜独立包装的设备。该机引进全套意大利技术,具有很高的自动化程度和生产速度,纸包装具有精美多色印刷功能。

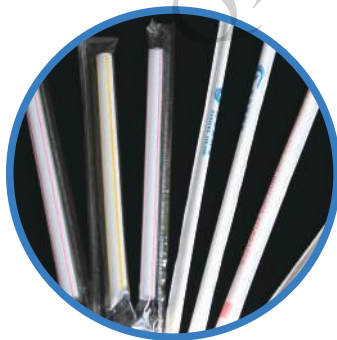
JY035 series machine is a kind of equipment that can pack the single drinking straw with paper or BOPP film. With complete set of Italian technology, the machine is highly automatic, and has high packing speed. Also it can make delicate printing on wrapping paper.

主要特点 Features:

- 1.单支包装,充填、包装一次完成。Single packing. Filling, packaging in one operation.
- 2.纸包装具有无、单、双色、多色精美印刷可供选择。None, single, double color, multi-colors printing can be choose on the wrapped paper.
- 3.自动计数、可方便二次包装。Automatic counting. In favor of secondary packaging.
- 4.包装速度可调。The packing speed is adjustable.

技术参数 Specifications:

| | | |
|---|--|------------------------------|
| 驱动马达 Driving Motor | 0.75kw (变频调速 control by frequency converter) | |
| 生产能力 Capacity | 直管 Straight straws : 600~700支/分钟 pcs/min | 印刷(纸)with printing (Paper) |
| | 弯管 Flexible straws:400~500支/分钟 pcs/min | 300 ~400支/分钟 pcs/min |
| 包装方式 Packing mode | 三面封 Three sides sealing | |
| 包装材料 Packing material | 纸 Paper 、 BOPP膜 film | |
| 包装吸管规格 Specifications of the packed drinking straws | 直径 Diameter | Φ3 ~ 7mm |
| | 长度 Length | 150 ~ 240mm |
| 其他规格可定制 Other specifications are customizable | | |
| 机械尺寸 Size | 1500 × 800 × 1300mm | |
| 重量 Weight | 400kg | |



JY038 全自动直型饮料吸管独立包装单支冷切机

JY038 Individual drinking straw cooling cutting & packing machine

简介 Introduction:

JY038 全自动直型饮料吸管独立包装单支冷切机是一种将饮料吸管自动包装入袋并单支分切的设备。包装不同长短吸管不需要更换模具,只需调整热封装置。

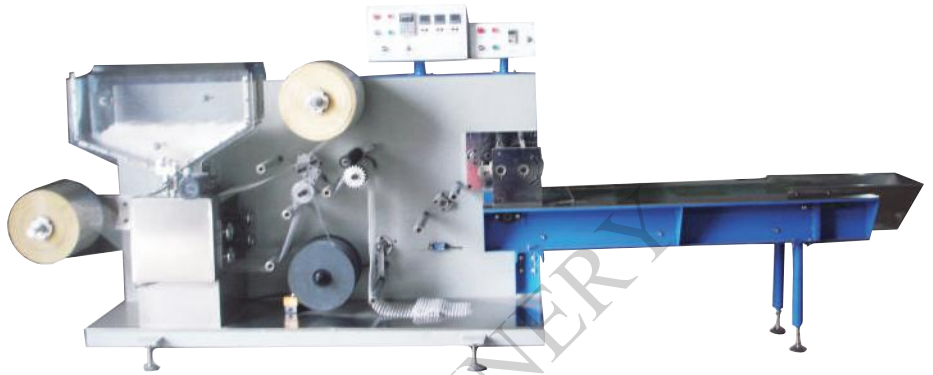
JY038 series individual drinking straw cooling cutting & packing machine is to pack the drinking straws and cut them separately. Therefore, when packing straws with different lengths, we only need to adjust the heat-sealing device instead of changing the mold.

主要特点 Features:

1. 单支连排包装, 充填、包装一次完成。Single packaging. Filling, packaging in one operation.
2. 自动计数、到达设定值可报警。Automatic counting. Alarm when the preset value is reached.
3. 包装速度可调。The packing speed is adjustable.

技术参数 Specifications:

| | | |
|---|--|------------------------|
| 驱动马达 Driving Motor | 0.75kw (变频调速 control by frequency converter) | |
| 生产能力 Capacity | 直管 Straight straws | 600~700 支/分钟 pcs/min |
| | 弯管 Flexible straws: | 350~450 支/分钟 pcs/min |
| 包装方式包装物 Packing style & material | 四面封 (锯齿状) Four sides sealing (Serrate) | |
| | 材料 Material | Bopp film 等可热封材料 |
| | 膜厚 Thickness | 15 μ - 20 μ |
| | 卷径 Roll diameter | 最大 Max 340mm |
| | 纸管内径 Diameter of the roll | 75mm |
| | 膜幅宽 Width of the Bopp | 最大 Max : 280mm |
| 包装形态 Packing shape | 15mm (节距 P) \times 96~250mm (宽 W) | |
| 制品规格 Specifications of the packed drinking straws | 直径 Diameter | Φ 2.5~ Φ 7mm |
| | 厚度 Thickness | 0.15~0.35mm |
| | 长度 Length | 90~255mm (常规 normal) |
| 其他规格可定制 Other specifications are Customizable | | |
| 机械尺寸 Size | 2000 \times 900 \times 1600mm | |
| 机械重量 Weight | 400kg | |





JY030 全自动多支饮料吸管边式包装机

JY030 Multi-drinking straws sides sealing packing machine

简介 Introduction:

JY030 设备是一种将多支饮料吸管自动包装入袋的设备,特别适合多支支数小于 15 支吸管的包装。具有很高自动化程度,包装速度可代替 10 名以上人工操作,节省包装材料和人员成本。

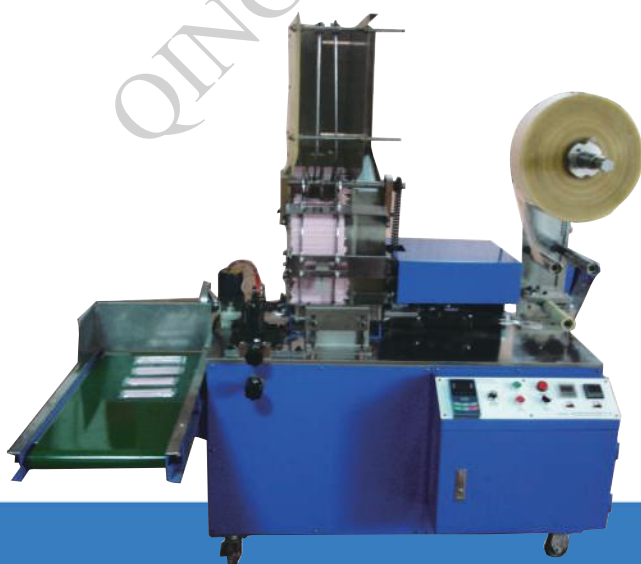
JY030 series machine is a kind of equipment that can pack multi-pieces drinking straws into one packet, which is especially fit for multi-pieces(less than 15/package), with high degree of automation. Also it can save packing material and staff cost as its packing speed equals to 10 workers'.

主要特点 Features:

- 1.多支吸管充填、成袋、包装一次完成。Group packing. Filling, packaging in one operation.
- 2.自动计数可方便二次包装。Automatic counting. In favor of secondary packaging.
- 3.包装速度可调。The packing speed is adjustable.
- 4.包装支数从 1 支到 35 支任意调节。The quantity of packed drinking straws can be adjusted from 1 to 35pcs.

技术参数 Specifications:

| | | |
|--|---|---------------------------|
| 驱动马达 Driving Motor | 0.75kw 变频调速 control by frequency converter 电压 : 220V | |
| 生产能力 Capacity | 1 ~ 16 支/包 pcs/package | 60 ~ 100 包/分钟 package/min |
| | 16 ~ 35 支/包 pcs/package | 30 ~ 60 包/分钟 package/min |
| 包装方式 Packing method | 三面封 three sides sealing | |
| 包装材料 Packing material | BOPP 膜 film | |
| 包装材料宽度 width of the packing material | 按客户支数自行定制 According to the size of the packed drinking straws | |
| 制品规格 Specifications of the drinking straws | 直径 Diameter | Φ 2.5 ~ 12mm |
| | 长度 Length | 85 ~ 210mm |
| 机械尺寸 Size | 1100×770×1200mm | |
| 重量 Weight | 300kg | |



JY036 系列全自动多支饮料吸管枕式包装机

JY036 Multi-drinking straws pillow-shape packing machine

简介 Introduction:

JY036 系列全自动多支包装机是一种将多支饮料吸管自动包装入袋的设备。枕式包装特别适用于多支支数大于15支以上包装,生产速度可代替10名以上人工操作,包装外观美观。节省材料和人员成本。

JY036 series machine is a kind of equipment that can pack multi-pieces drinking straws into one packet, which is especially fit for multi-pieces (more than 15pcs/package), with high degree of automation. Also it can save packing material and staff cost as its packing speed equals to 10 workers'.

特点 Features:

1. 多支吸管充填、成袋、包装一次完成。Multi-pieces packing. Filling, packaging in one operation.
2. 自动计数可方便二次包装。Automatic counting. In favor of secondary packaging.
3. 包装速度可调。The packing speed is adjustable.
4. 包装支数从2支到100支任意可调,包装长度可实现无级调整。The quantity of packed drinking straws can be adjusted from 2 to 100pcs. The length of the packed drinking straws can be adjusted freely.

技术参数 Specifications:

| | | |
|---|---|---------------------------|
| 驱动马达 Driving Motor | 0.75kw 变频调速 control by frequency converter 电源: 220V | |
| 生产能力 Capacity | 2支 ~ 16支/包 pcs/package | 60包 ~ 100包/分钟 package/min |
| | 16支 ~ 100支/包 pcs/package | 20包 ~ 60包/分钟 package/min |
| 包装方式 Packing method | 三面封(枕式或背式)(切口有锯齿可选) Three side sealing(pillow shape) The edge has two shape can be choose: smooth、sawtooth | |
| 包装材料 Packing material | BOPP膜 Film | |
| 包装材料宽度 width of the packing material | 按客户支数自行定制 According to the size of the packed drinking straws | |
| 制品规格 Specifications of the drinking straws | 直径 Diameter | Φ3 ~ 12mm |
| | 长度 Length | 80 ~ 250mm |
| 机械尺寸 Size | 1200×700×1200mm | |
| 重量 Weight | 400kg | |





JY036-II 系列单支联排吸管二次包装机

JY036-II Belt pack I-shape straws double group packing machine

简介 Introduction:

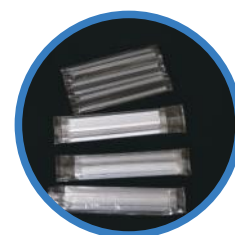
JY036-II 系列全自动单支联排吸管多支二次包装机是一种将独立包装好的单支联排吸管多支二次自动包装入袋的设备。

JY036-II packing machine is a kind of equipment than can double pack the I-shape straws that packed by JY032 packing machine.

特点 Features:

- 1、联排吸管多支充填、成袋、包装一次完成。
Group packing. Filling, packaging in one operation.
- 2、包装速度可调。The packing speed is adjustable.

技术参数 Specifications:



| | | |
|---|---|-------------------------|
| 驱动马达 Driving Motor | 0.75kw 变频调速 control by frequency converter 电源:220V | |
| 生产能力 Capacity | 5支 ~ 40支/包 pcs/package | 10 ~ 40包/分钟 package/min |
| 包装方式 Packing method | 三面封(枕式或背式) Three side sealing(pillow shape) | |
| 包装材料 Packing material | BOPP膜 Film | |
| 包装材料宽度 width of the packing material | 按客户支数自行定制 According to the size of the packed drinking straws | |
| 制品规格 Specifications of the drinking straws | 直径 Diameter | Φ3 ~ Φ7mm |
| | 长度 Length | 80 ~ 220mm |
| 机械尺寸 Size | 1200 × 700 × 1200mm | |
| 重量 Weight | 400kg | |

JY069 全自动伸缩吸管成型、包装机

JY069 Automatic telescope straw making and packing machine

简介 Introduction:

JY069 全自动伸缩吸管成型机用于可伸缩吸管的制造和连排单支包装。该机具有较高的自动化程度和包装生产速度,下管、走膜、包装、分切、出料一次完成。可适用于利乐砖等无菌包装饮料、保健品等配套。The JY069 machine is used for making and packaging of telescopic straw. The machine has a high degree of automation and a high speed of making and packaging capacity. All of the processes including tube inputting, film transmitting, packaging, cutting, and product outputting are finished in just one time.



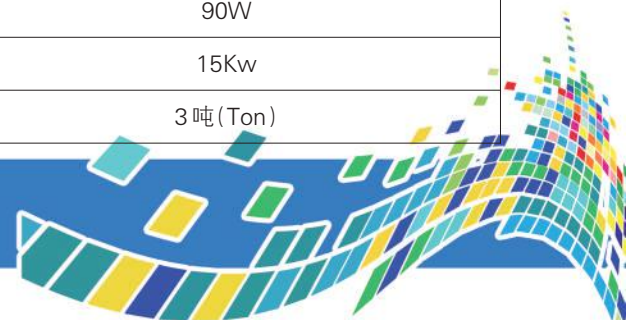
特点 Features:

1. 自动化程度高,包装速度可调 high automaticity, making and packing speed is adjustable.
2. 配备次品剔除后连排修复装置 . Have the repair system.
3. 自动计数、批量报警 Automatic counting Alarm when the pre-set value is reached.
4. 变频调速,运行可靠稳定、变速均匀,过载自动停机 control by frequency converter, automatic shutdown when



技术参数 Specifications:

| | | |
|--|----------------------|---|
| 适用吸管规格 Specification of the straw | 长度 Length | 收缩后 Shrined: 101mm ~ 105mm |
| | 管径 Diameter | Inner straw: ID 4.5mm OD:5.1mm Otter straw: ID5.8mm OD:6.2mm |
| 生产能力 speed | | 200 ~ 400pcs/min |
| 包装材料 Specification of Wrapping material | 材料 Wrapping material | 热封膜 BOPP can be hot sealed Such as BOPP |
| | 卷径/Dia. of roll | 最大 (maximum) 340mm |
| | 膜幅宽/Width of film | 最大 (maximum) 190mm |
| 包装成品规格 Specification of the final product | 形状 Outer shape | I 型连排包装 I-shape packing |
| | 吸管间距 Pitch | 15mm (also can be customizable) |
| 设备尺寸 Machine size | L × W × H | 5000mm × 1600mm × 1500mm |
| 电气功率 Power capacity | 主电机 Main motor | 2. 2Kw |
| | 下料电机 Feeding Motor | 90W |
| | 加热总功率 Heating power | 15Kw |
| 设备重量 Weight | | 3吨 (Ton) |





JY033 U型利乐包可弯吸管连排包装机

JY033 U-shape Tetra-pak flexible drinking straw packing machine

简介 Introduction:

JY033 U-型利乐吸管连排包装机是一种将可弯饮料吸管折弯后自动包装成U型单支连排吸管的设备。U型吸管主要配套于利乐砖、康美包等无菌包装饮料。

JY033 series U-shape Tetra-pak flexible drinking straw packing machine is for bending flexible drinking straws to be U-shaped straws and automatically packing. U-shaped straws are used for aseptic-packing beverage, such as Tetra-pak.

主要特点 Features:

1. 操作简单, 速度可调, 自动故障停车。Easy to operate. Packing speed is variable. Automatic stop when fault.

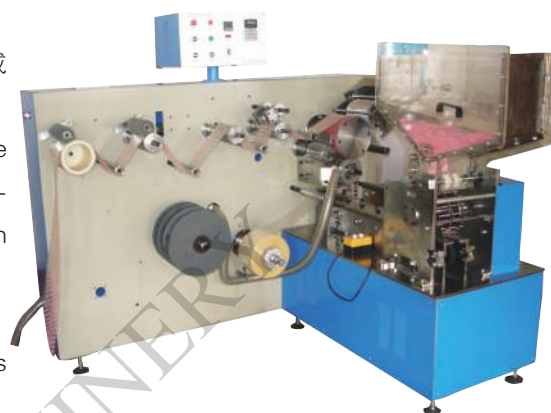
2. 自动切斜口, 并能保证斜口方向一致, 配有自动吸收废料装置。Perform sharp end cutting on the straws, ensuring all sharp ends are packed in the same direction, with automatic absorbing waste device.

3. 产品自动计数, 到达设定值可报警。Automatic counting. Alarm when the preset value is reached.

4. 包装速度可调。Packing speed is adjustable.

技术参数 Specifications:

| | | |
|---|---------------------------------------|---|
| 驱动马达 Driving Motor | 1.5kw 变频调速控制 by frequency converter | |
| 生产能力 Capacity | 500~700 支/分钟 pcs/min | |
| 包装方式 packing method | 四面封 four sides sealing | |
| 包装物 Specifications of the packing material | 材料 Material | BOPP 等热封材料 can be hot sealed such as Bopp |
| | 形状 Shape | 卷状 Roll |
| | 卷径 Roll diameter | 最大 Max :280mm |
| | 纸管内径 Internal diameter of paper tubes | 76mm |
| | 膜幅宽 Width of BOPP film | 最大 Max:180mm |
| | 膜厚 Thickness of BOPP film | 15 μ -20 μ |
| 包装形态 Packing shape | 节距 Pitch : 22mm/25mm/28.5mm | |
| 吸管规格 Straws specifications | 内径 inner diameter | Φ 3.8mm Φ 4.8mm Φ 7mm |
| | 厚度 Straw thickness | 0.19~0.25mm |
| U形凹膜长度 Length of U-shape model | 90mm(小号 S) 、105mm(中号 M) 、128mm(大号 L) | |
| 其他规格可定制 Other specifications are Customizable | | |
| 机械尺寸 Size (L×W×H) | 3000 × 1800×1600mm | |
| 机械重量 Weight | 1100kg | |



JY032 利乐直型吸管单支连排包装及分切机

JY032 I-shape Tetra-pak connected straw packing & cutting machine

简介 Introduction:

JY032 利乐直型吸管连排包装机及分切机是一种将直型饮料吸管自动包装成单支连排状态(四面封)的设备,同时可以单支分切。也可选配切片机按支数分片。

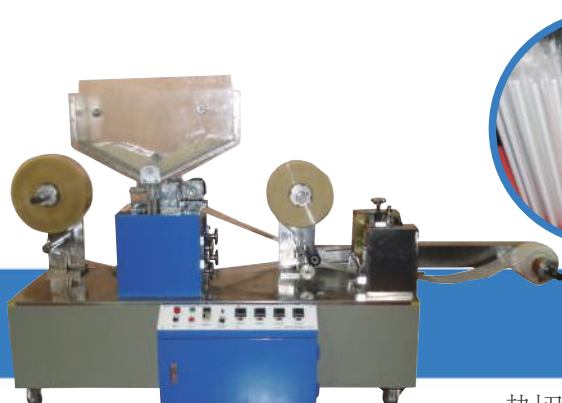
JY032 series I-shape Tetra-pak connected straw packing & cutting machine can pack the straight drinking straws into BOPP film. This machine can cut the packed straws piece by piece and to be connected. It also can be equipped JY-F4 slicer, the straw number of a slice can be setted by customers.

主要特点 Features:

1. 操作简单,速度可调,自动故障停车。Easy to operate. Packing speed is variable. Automatic stop when fault.
2. 产品自动计数,到达设定值可报警。Automatic counting. Alarm when the preset value is reached.
3. 包装速度可调。Packing speed is adjustable.

技术参数 Specifications:

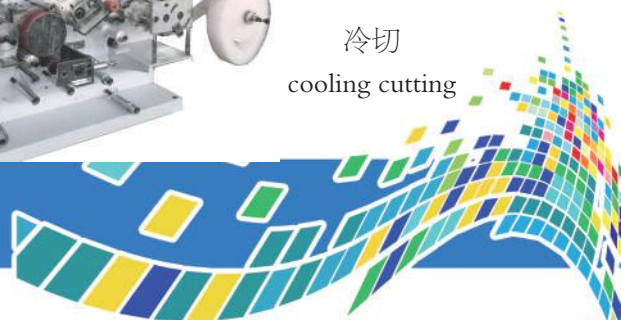
| | | |
|--|---|---|
| 驱动马达 Driving Motor | 0.75kw 变频调速 control by frequency converter | |
| 生产能力 Capacity | 500~600 支/分钟 pcs/min | |
| 包装方式 packing method | 四面封 four sides sealing | |
| 包装物 Specifications of the packing material | 材料 Material | BOPP 等热封材料 can be hot sealed such as Bopp |
| | 形状 Shape | 卷状 Roll |
| | 卷径 Roll diameter | 最大 Max :340mm |
| | 纸管内径 Internal diameter of paper tubes | 75mm |
| | 膜幅宽 Width of BOPP film | 最大 Max:230mm |
| | 膜厚 Thickness of BOPP film | 15 μ -20 μ |
| 包装形态 Packing shape | 热切 hot cutting : 10、12、15mm(p 节距) \times 96~230mm(w 宽) 冷切 cool cutting : 15mm(p 节距) \times 96~230mm(w 宽) | |
| 吸管规格 Straws specifications | 内径 inner diameter | ϕ 3~14mm |
| | 厚度 Straw thickness | 0.15~0.25mm |
| | 长度 Straw Length | 90~210mm (常规 Normal) |
| 其他规格可定制 Other specifications can be customizable | | |
| 机械尺寸 Size (L \times W \times H) | 2000 \times 900 \times 1600mm | |
| 机械重量 Weight | 400kg | |



热切
hot cutting



冷切
cooling cutting





JY068 塑料勺子单支连排包装机

JY068 individual plastic spoon connected packing machine

简介 Introduction:

JY066 塑料勺子单支联排包装机是一种将塑料勺子(直型、折叠型)通过人工放料后,自动单支包装成联排状的设备。成品可以上自动贴标机,也可以配备分切机实现单支分切。

JY066 individual plastic spoon connected packing machine is used to pack the individual plastic spoon (folding or straight) and to be connected by manual feeding. The packed plastic spoon can be on the automatic applicator, also can equip the cutter to be piece by piece.

主要特点 Features:

1.人工放料,工位可达120个。Feeding by manual, feeding station can be 120pcs.

1.操作简单,速度可调,自动故障停车。Easy to operate. Packing speed is variable. Automatic stop when fault.

3.产品自动计数,到达设定值可报警。Automatic counting. Alarm when the preset value is reached.

技术参数 Specifications:



| | | |
|--|---|---------------|
| 驱动马达 Driving Motor | 1.5kw 变频调速 control by frequency converter | |
| 生产能力 Capacity | 120~180 支/分钟 pcs/min | |
| 包装方式 packing method | 四面封 four sides sealing | |
| 包装物 Specifications of the wrapping material | 材料 Material | BOPP |
| | 形状 Shape | 卷状 Roll |
| | 卷径 Roll diamtere | 最大 Max :280mm |
| | 纸管内径 Internal diameter of paper tubes | 76mm |
| | 膜幅宽 Width of BOPP film | 最大 Max:180mm |
| | 膜厚 Thickness of BOPP film | 15 μ -20 μ |
| 包装形态 Packing shape | 31.5mm/ 37.8mm(p 节距) × 80~140m(w 宽) | |
| 勺子规格 Spoons specifications | 根据客户样品 According to samples from customer | |
| 凹膜 Length of U-shape model | 根据客户样品 According to samples from customer | |
| 机械尺寸 Size (L × W × H) | 2500 × 1100 × 1600mm | |
| 机械重量 Weight | 500kg | |

JY036-M 全自动医用多棱管多支枕式包装机

JY036-M multi-piece multi-edge medical straw packing machine

简介 Introduction:

JY036-M 系列枕式多支多棱管(口服液吸管)包装机是一种将多支多棱管以及助插器自动包装入袋的设备。包装速度可代替15名人工操作,节省人工和包装材料。

JY036-M series multiple polygon straws (straws for oral solutions) packing machine is to put several polygon straws and the inserting-assisting device into the package. It can instead of 15 labors, saving labor cost as well as packaging material.

主要特点 Features:

1、多支管材以及助插器包装、成袋、充填一次成型。Packing, bagging, and filling for multiple straws and the inserting-assisting device.

2、自动计数,可二次包装。Automatic counting, and allows secondary packing.

3、包装支数和袋长可调节。The packing quantity and bag can be adjusted.

技术参数 Specifications:

| | | |
|---|--|--------------------------|
| 驱动马达 Driving Motor | 0.75kw 变频调速控制 by frequency converter 电压:220V | |
| 生产能力 Capacity | 2 ~ 12 支/包 pcs/package (不含助插剂 no inserting-assisting device) | 50 ~ 60 包/分钟 package/min |
| | 2 ~ 16 支/包 pcs/package (含助插剂 with inserting-assisting device) | 30 ~ 40 包/分钟 package/min |
| 包装方式 Packing method | 枕式背式封 Pillow-shape sealing | |
| 包装材料 Packing material | BOPP 膜 film | |
| 包装材料宽度 width of the packing material | 按客户支数自行定制 According to the size of the packed drinking straws | |
| 制品规格 Specifications of the drinking straws | 直径 Diameter | $\Phi 2 \sim \Phi 3$ mm |
| | 长度 Length | 80 ~ 115mm |
| 机械尺寸 Size | 1200 × 700 × 1300mm | |
| 重量 Weight | 400kg | |





JY030-M 全自动医用多棱管多支包装机

JY030-M multi-piece multi-edges medical straws packing machine

简介 Introduction:

JY030-M 系列多支多棱管(口服液吸管)包装机是一种将多支多棱管以及助插器自动包装入袋的设备。包装速度可代替 15 名人工操作,节省人工和包装材料。

JY030-M series multi-edges medical straws (straws for oral solutions) packing machine is to put several polygon straws and the inserting-assisting device into the package. It can instead of 15 labors, saving labor cost as well as packaging material.

主要特点 Features:

1. 多支管材以及助插器包装、成袋、充填一次成型。Packing, bagging, and filling for multiple straws and the inserting-assisting device just at one time.
2. 支数由 2 支到 16 支任意可调。The amount of straws is adjustable from 2 to 16 pcs.
3. 自动计数,可二次包装。Automatic counting, and allows secondary packing.

技术参数 Specifications:

| | | |
|--|--|---------------------------|
| 驱动马达 Driving Motor | 0.75kw 变频调速 control by frequency converter 电压: 220V | |
| 生产能力 Capacity | 2 ~ 16 支/包 pcs/package(不含助插剂 no inserting-assisting device) | 50 ~ 100 包/分钟 package/min |
| | 2 ~ 16 支/包 pcs/package(含助插剂 with inserting-assisting device) | 30 ~ 40 包/分钟 package/min |
| 包装方式 Packing method | 三面封 three sides sealing (切口有锯齿可选 The edge has two shape: smooth、sawtooth) | |
| 包装材料 Packing material | BOPP 膜 film | |
| 包装材料宽度 width of the packing material | 按客户支数自行定制 According to the size of the packed drinking straws | |
| 制品规格 Specifications of the drinking straws | 直径 Diameter | Φ2 ~ 3mm |
| | 长度 Length | 80 ~ 210mm |
| 机械尺寸 Size | 1100×770×1200mm | |
| 重量 Weight | 300kg | |



JY039 全自动医用多棱管单支连排包装机

JY039 I-shape multi-edges medical straws packing machine

简介 Introduction:

JY039 直型多棱管单支连排包吸管连排包装机是一种将口服液多棱吸管自动包装成单支连排状态(四面封)的设备,同时可以单支分切。也可选配切片机按支数分片。

JY039 series I-shape multi-edges medical straws packing machine is used for packing the polygon straw (straws for oral solutions) into the BOPP film. It can cut the packed straws piece by piece, or according to the customer's requirements.

技术参数 Specifications:



| | | |
|--|--|--|
| 驱动马达 Driving Motor | 0.75kw 变频调速 control by frequency converter | |
| 生产能力 Capacity | 400~500 支/分钟 pcs/min | |
| 包装方式 packing method | 四面封 four sides sealing | |
| 包装物 Specifications of the packing material | 材料 Material | BOPP 等热封材料 can be hot sealed such as Bopp |
| | 形状 Shape | 卷状 Roll |
| | 卷径 Roll diamtere | 最大 Max :340mm |
| | 纸管内径 Internal diameter of paper tubes | 75mm |
| | 膜幅宽 Width of BOPP film | 最大 Max:230mm |
| | 膜厚 Thickness of BOPP film | 20 μ -30 μ |
| 包装形态 Packing shape | 10mm(p 节距) × 96~230mm(w 宽) | |
| 吸管规格 Straws specifications | 内径 inner diameter | Φ2~3mm |
| | 厚度 Straw thickness | 0.15~0.25mm |
| | 长度 Straw Length | 80~120mm (常规 Normal) |
| 其他规格可定制 Other specifications can be customizable | | |
| 机械尺寸 Size (L×W×H) | 2000 × 900×1600mm | |
| 机械重量 Weight | 400kg | |





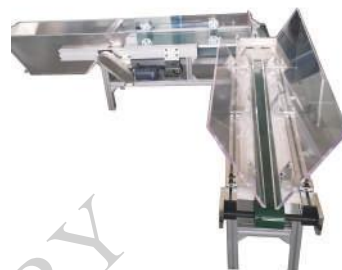
F-1 系列 L 型理管机

F-1 series L-shape automatic drinking straw gathering machine

简介 Introduction:

F-1 L 型理管机是直管挤出机(配备C-1 牵引切割机的)辅助设备,可代替原先的人工理管,降低人工成本。解决了C-1 牵引切割机人工理管易折管、弯管的问题。

F-1 series L-shape straw-gathering machine (equipped with C-1 traction and cutting machine) is auxiliary equipment for straight straw extrusion machine. It can reduce labor cost by taking up the jobs used to be done by direct labors, and solve the problems about bending the straws when they are organized by people.



技术参数 Specifications:

| | |
|----------------------|---|
| 驱动马达 Driving motor | 0.75kw 380V 变频调速 control by frequency converter |
| 生产能力 Capacity | 700~1000 支/分钟 |
| 操作方式 Operating model | 全自动理管 Automatic gathering the straws |
| 机械尺寸 Size | 1950×1560×720mm |
| 重量 Weight | 300kg |

F-2 全自动切管机 F-2 Full automatic straws cutting machine

简介 Introduction:

F-3 全自动切管机是直管挤出机的辅助设备,用于将挤出机生产的直管一切为二,可以保证直管的尖头方向一致,并且自动理管,便于下道工序的使用。刀口平整,无毛刺,解决了老式切割机生产尖头吸管时尖头方向不一致的问题。特别适用于生产多棱管(长度小于110mm),要求尖头方向一致的情况。

F-3 series full automatic straw cutting machine is auxiliary equipment of drinking straw extrusion machine, which is used to cut the long straight straw to be two short straws while keeping the same direction of the point of the straight straws and gathering the straws, so as to prepare for the next process. The cut-end is very even with no burr, while solving the problem of in-uniform direction for the points of the straws when using old cutting machines, especially when producing polygon straws.



技术参数 Specifications:

| | |
|-------------------------------------|---|
| 驱动马达 Driving motor | 0.4kw 变频调速 control by frequency converter 380V |
| 生产能力 Capacity | 700~1000 支/分钟 |
| 管胚长度 Straw length | 180~420mm |
| 管长误差 Length error of the straws | ±1mm |
| 理管方式 method of gathering the straws | 自动理管 切尖头方向一致 automatic gathering the straws and keep the same direction of the point of the straight straws |
| 吸管直径 Straw diameter | φ 2~12mm |
| 机械尺寸 Size | 1500×1100×1400mm |
| 重量 Weight | 300kg |

F-3 连排管材切片机

F-3 row-connecting slicer

简介 Introduction:

F-3 连排吸管切片机是 JY032 的辅助设备, 可将单支连排吸管进行二次加工, 按照客户需求按支数要求进行分片。该机有较高的生产效率并且操作简单。

F-3 series row-connecting slicer is auxiliary equipment for JY032. It can be used for secondary-processing for row-connecting straws. Therefore, slicing can be done according to the requirements of various clients. The machine boasts high production efficiency and is easy to operate.

技术参数 Specifications:

| | |
|--------------------------------|---|
| 驱动马达 Driving motor | 0.4kw(皮带机 belt conveyer) |
| 生产能力 Capacity | 100~200 片/分钟 (slice/min) |
| 片数可选 The slice can be selected | I 型 : 2、4、5、10、20 pcs/slice II 型 : 2、3、4、6、8、12、24 pcs/slice |
| 操作方式 Operation method | 半自动 Semi-automatic |
| 机械尺寸 Size | 1500×1100×1400mm |
| 重量 Weight | 200kg |





JY059 全自动吸管(折叠勺)装箱机

JY059 Tetra-pack straws (folding spoon) mega-boxing machine

简介 Introduction:

JY059 U-型联排吸管(勺)全自动摆箱机是U型吸管包装机或连排勺子包装机的辅助设备,用于实现全自动摆箱。全自动摆箱大大降低了工人的劳动强度,而且解决了因人工摆箱造成的整理不齐,吸管(勺子)有重叠、压折等现象。整台设备用PLC控制,性能稳定可靠且操作简单。

Model JY059 Tetra-pak U-shape straws (folding spoons) mega-boxing machine is an auxiliary equipment of the U-shape drinking straw packing machine or the folding spoons packing machine. This equipment can box the U-shape straws or folding spoons automatically, it replace manual packaging greatly improving work efficiency. Replacement will reduce the amount of performance malfunctions created by manual labor. The entire of machinery is controlled through PLC. which has a stable performance and is easily operable.



技术参数 Specifications:

| | | |
|-----------------------|----------------------|-----------------------------|
| 驱动马达 Driving motor | 升降机构 Up-down | 0.75kw PLC控制 control by PLC |
| | 牵管机构 Straws traction | 60w PLC控制 control by PLC |
| | 摆管机构 Straws Swing | 60w 变频控制 control by PLC |
| | 移箱机构 Box moving | 0.37kw 变频控制 control PLC |
| 生产能力 Capacity | 600~700 支/分钟 pcs/min | |
| 操作方式 Operating method | 全自动 Automatic | |
| 机械尺寸 Machine size | 1600 × 1200 × 2000mm | |
| 重量 Machine weight | 800kg | |

其他类似吸管产品设备系列

Other straw similar products machine series

小型管材挤出机

Small diameter straw extrusion machine

简介 Introduction:

JY01 系列挤出机也可以用于棒棒糖棒、咖啡搅拌棒、棉签棒以及其它工业应用小型管材的生产,如圆珠笔芯等。

The JY01 series drinking straw extrusion machines are also suitable for extruding the lollipop sticks, coffee stirring rods, cotton swab sticks and the other small diameter straws for the industry.

Such as: ball-point pen's refill, etc.



棒棒糖棒

Lollipop sticks



咖啡搅拌棒

Coffee stirring rods



棉签棒

Cotton swab sticks



枕头芯

Pillow core

包装机 The packing machine

简介 Introduction:

JY03 系列包装机经过部分改进可用于牙签、棉签等吸管类似物的包装。

JY03 series packing machine also can pack the straw similar products, such as the toothpick and the cotton swab.



牙签包装

Packed toothpick



棉签包装

packed cotton swab





质量控制 Quality Control

检测设备 testing instrument

公司配备了专用的检测设备对所有零部件进行质量控制,如硬度检测仪、齿轮跳动检测仪、平面度检测仪等等,严格的零部件检测确保了整机设备的质量。

The company have the dedicated testing instrument for all parts, such as hardness tester, gear beating tester, flatness tester etc. strict parts testing can ensure the quality of all machines.



设备配置 Configuration

SIEMENS

主电机 Main Motor

DELTA

变频器 Inverter

SMC

气动元件 Pneumatic Components

SKF MOTION & CONTROL
NSK

关键轴承 Bearing

螺杆材质 screw material: Material: 38CrMoAl 合金钢 Alloy steel

减速机 Gear reducer: 硬齿面 Hard surface