



Ean Machinery
郑州易之安机械设备有限公司



Focus on tissue paper industry
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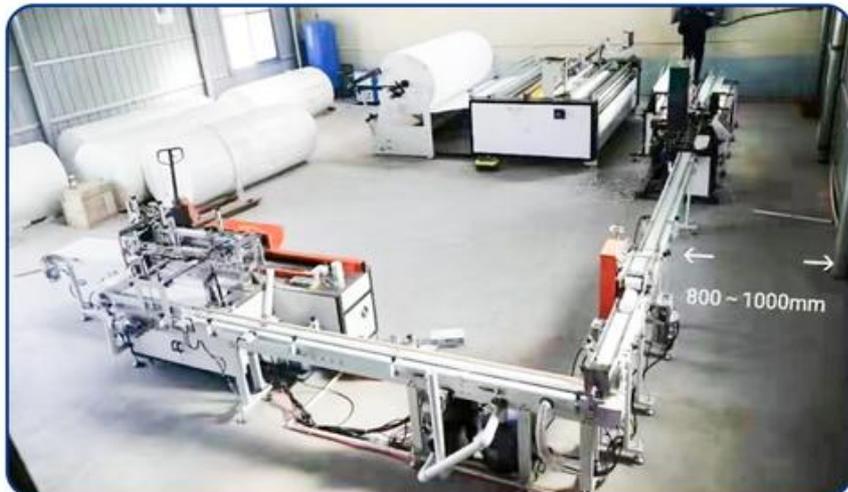
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卫生纸/厨房纸
 Toilet Rolls-Kitchen Towel



卫生纸生产线
 Toilet Rolls-Kitchen Towel Production Line



餐巾纸
 Paper Napkin



餐巾纸生产线
 Paper Napkin Production Line



抽纸
 Facial Tissue



抽纸生产线
 Facial Tissue Production Line



手帕纸
 Pocket Tissue



手帕纸生产线
 Pocket Tissue Production Line



卫生纸/厨房纸/小盘纸复卷机

Toilet Rolls/ Kitchen Towel/ Maxi Roll Rewinding machine



Description: 描述

该设备用于将大轴纸复卷并切割成长原木卷，成品整洁、整齐、张力均匀。具有结构紧凑、操作简便稳定、耗电少等特点。生产速度180-240m/min。该机型是纸张加工的理想设备。复卷机复卷机由退纸架、压花装置、打孔装置、收卷装置和电气控制组成。生产工艺流程为：放卷→压花→穿孔→收卷。

This equipment is to unwind and cut the jumbo rolls into long logs. The finished product is neat, in good order and with equality tension. It has the feature of compact structure, easy and stable operation, less electricity consumption. The production speed is 180-240m/min. This model is the ideal equipment for paper processing factory. The rewinding machine is consist of stand of raw material, embossing unit, perforating unit, rolling unit, and electricity control. The production process is : un-winding → embossing → perforating → furling.

SPECIFICATIONS FOR FULL AUTOMATIC TOILET ROLL REWINDING MACHINE/全自动卫生纸复卷机参数

Speed 速度	150-240m/min 米/分
Power 功率	5.5kw~15kw (according to model) 3 phase 380V 50HZ
Width of Raw materials 原纸宽幅	max1750 / 2150 / 2750 / 3000mm
Machine size 机器尺寸	6500*3100-4200*1800 (L*W*H)
Weight 重量	3400-8000 KG (according to model)
Pneumatic System 气动系统	The 3 horse air compressor,a minimum pressure of 5kg/cm2Pa 3匹
Perforation Pitch (mm) 打孔	2-6 blades, 150-300mm
Back Stand 后架	Standard TWO layer 常规2个后架
Parameter Setting 参数设置	PLC computer operating system interface PLC 控制
Jumbo Roll Core Diameter 纸管直径	76mm National standard (Other size are available) 76mm 国标, 其他请指定
Jumbo Roll Diameter 原纸直径	With 1200mm Standard (Other size are available) 标准1200mm,其他请指定
Finish Paper Core 成品纸管	Dia20~60mm 直径20-60mm
Finished Roll Diameter 成品直径	Dia50~200mm (Adjustable width and tightness) 直径50-200mm, 跟进宽度和松紧度
Embossing unit 压花装置	Steel to wool (make paper fluffy) 钢对羊毛, Steel to rubber (make paper soft) 钢对胶 Small steel to steel (decoration) 小钢套, Glue lamination (Normally for kitchen towel) 上胶复合
Heating system 加热系统	For embossing part 压花部分
Perforation distance 打孔间距	Fixed or can be adjusted 固定或可调
Drive mode 运行方式	Chain wheel or motor drive 链条带动或电机带动
Perfume unit 加香装置	Perfume unit can be added 加香装置可添加

Type 类型	Capacity (8 hours) 产出 (8小时)	Power Consumption 功率损耗	Weight 重量	Dimension (L*W*H) 机器尺寸	Width of jumbo 原纸宽幅
Ean-1575	1.5-2 t/ day	7.3 KW/h	4200-4400kg	6500*3100*1900mm	Within 1750 mm
Ean-1880	2.5-3 t/ day	7.3 KW/h	4800-5000kg	6500*3500*1800mm	Within 2150 mm
Ean-3000	4-5 t/ day	13 -18 KW/ h	6000-9000kg	8500*4000*1500mm	Within 3000 mm



卫生纸/厨房纸/小盘纸切纸机

Toilet Rolls/ Kitchen Towel/ Maxi Roll Cutting Machine



大回旋 Log saw

大回旋切纸机是用于自动连续切断折叠类和圆卷类的纸巾产品，如抽取式面巾纸或卫生卷纸。整机采用伺服驱动技术和变频调速，增强了切纸的稳定性，并提高了纸巾的切断精准和切断端面的平整。切断长度在本机允许范围内任意可调；自动磨刀砂轮角度固定，保证磨刀的质量。磨刀处采用压缩空气常吹进行冷却，并可配专用冷却液。

The log saw cutter is used to automatically and continuously cut folded and round paper roll products, such as removable facial tissues or toilet rolls. The whole machine adopts servo drive technology and variable frequency speed regulation, which enhances the stability of paper cutting, improves the accuracy of paper cutting and the smoothness of the cutting end surface. The cutting length is adjustable within the allowable range of the machine; the angle of the automatic sharpening wheel is fixed to ensure the quality of sharpening. The sharpening area is cooled by constant blowing of compressed air, and can be equipped with special coolant.

特点:

- 1、自动刀片研磨系统，定期自我润滑。
- 2、砂轮可以根据磨损程度进行磨削。
- 3、两块原木自动上料、下料、推料。
- 4、快捷方式可以从优质的卫生纸上拉开。
- 5、配有两套夹紧通道，更换方便。

Features:

1. Automatic blade grinding system, self-lubrication at regular intervals.
2. Sharpen wheel can grinding according to the wear degree.
3. Two Logs are feeding, cutting then pushing automatically.
4. Shortcuts can be kicked off from the quality toilet paper.
5. Equipped with two sets of clamping channels, easy to change.

全自动带锯: Automatic band saw cutting machine

全自动带锯切纸机致力于减少劳动力，增加切纸过程安全性。此款全自动带锯切纸机主要用于卫生纸卷纸的切割，具有结构简单紧凑、自动化程度高、原始锯机伺服控制、PLC电脑编程、变频调速、断锯条自动停机、自动理料、自动上料、自动切割、自动定长短、气动上纸、自动磨锯条等功能。

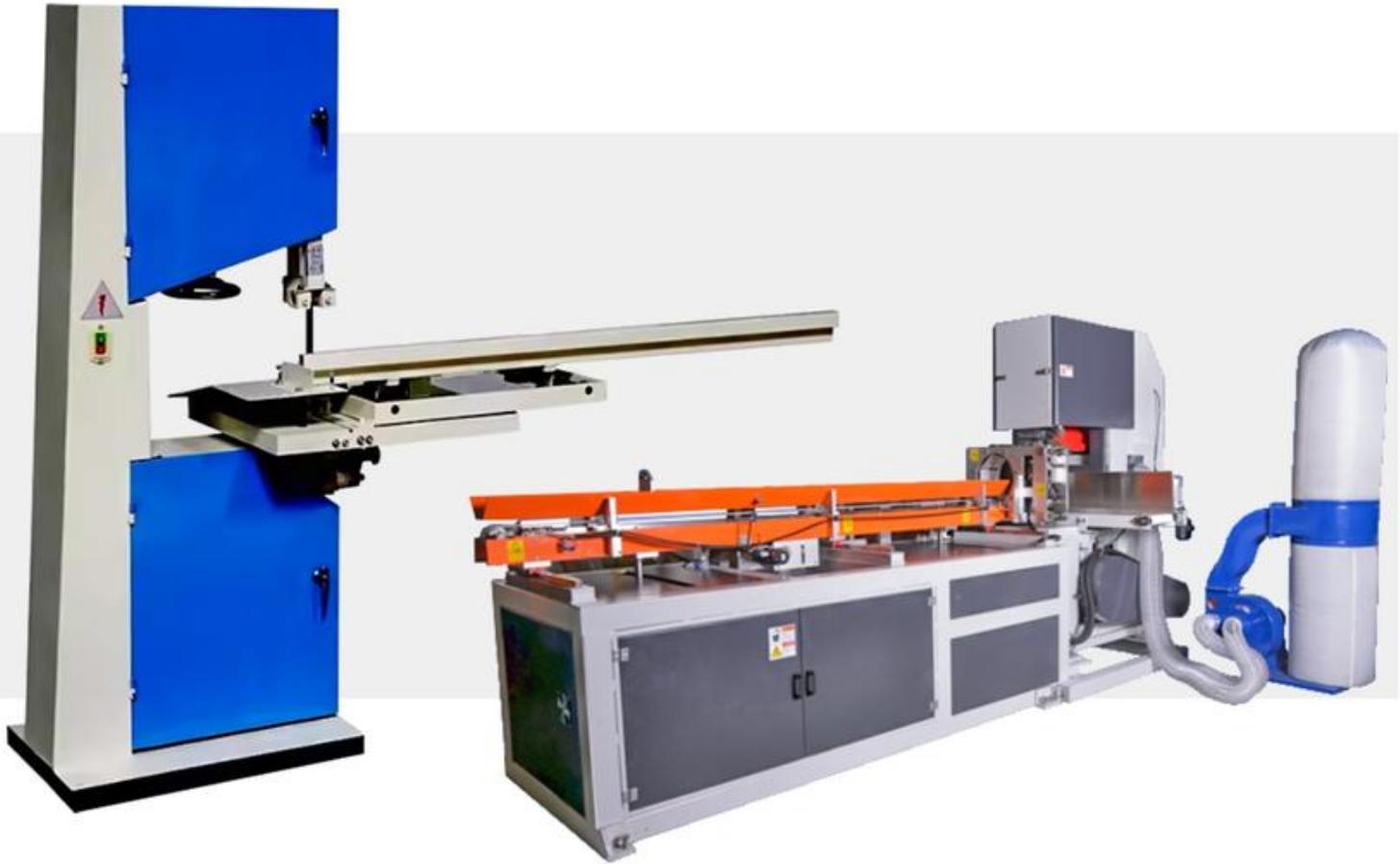
The fully automatic band saw paper cutting machine is dedicated to reducing labor and increasing the safety of the paper cutting process. This fully automatic band saw paper cutting machine is mainly used for cutting toilet paper rolls. It has a simple and compact structure, a high degree of automation, original saw machine servo control, PLC computer programming, variable frequency speed regulation, automatic stop when the saw blade is broken, and automatic material sorting. Automatic feeding, automatic cutting, automatic length setting, pneumatic paper loading, automatic saw blade sharpening and other functions.

特点:

- 1、带锯切纸机切纸长短可按照客户需求调节,每分钟切割速度在80-130卷,经济实惠,一台机器可以省两名人工且永远不会出现切手伤人等安全问题。
- 2、锯条经济实惠,成本低,最小边料切到10mm,可以大大减少人工切边的损耗。
- 3、全自动卷纸立式带锯切纸机完全按照人工切割的原理设计制作,堪称傻瓜机,操作简单,易学,安全性高,是卫生纸加工行业首选安全切纸设备。

Features:

1. The cutting length of the band saw paper cutter can be adjusted according to customer needs. The cutting speed is 80-130 rolls per minute. It is economical and affordable. One machine can save two workers and will never cause safety problems such as cutting hands and hurting people.
2. The saw blade is economical and low-cost. The minimum edge material can be cut to 10mm, which can greatly reduce the loss of manual edge trimming.
3. The fully automatic roll paper vertical band saw cutting machine is designed and manufactured entirely according to the principle of manual cutting. It can be called a fool's machine. It is simple to operate, easy to learn, and has high safety. It is the first choice for safe paper cutting equipment in the toilet paper processing industry.



半自动带锯: Semi-auto band saw cutting machine

半自动带锯可将复卷的长原木卷切割成不同长度的小卫生卷。主要配备气动磨刀、活动台板装置,可以根据客户所需的长度、宽度切成所需的卷纸成品。

Band sawing cutting machine can cut the long log of rewinding into small toilet rolls of different lengths. It is mainly equipped with pneumatic knife sharpening and movable platen devices, which can cut the required rolled paper products according to the length and width required by the customer.

特点:

- 1、操作简单易学。
- 2、它可以用来切割客户定制尺寸的卫生纸卷纸。
- 3、该设备配备气动磨刀功能,且切纸面板可以移动以方便切纸。

Features:

1. Easy to operate and learn.
2. Can be used to cut toilet paper rolls of customized sizes.
3. The device is equipped with a pneumatic sharpening function, and the paper cutting panel can be moved to facilitate paper cutting.

小盘纸带锯切: Maxi roll cutting machine

该设备采用PLC编程控制,大屏幕真彩人机界面操作,精准的伺服控制送料长度,机电一体化控制等国际先进技术,能自动检测每个关键动作,具备完善的故障信息提示系统,使整条生产线达到最佳工作状态。

The equipment is operated by using PLC program control, big screen true color human - computer interface. The precise servo control feed length, electromechanical integration control and other international advanced technology can automatically detect each key action, has good fault information prompt system, make the whole production line achieving the best working state.

Type 类型	Semi-auto band saw cutting machine 半自动带锯切	Auto band saw cutting machine 全自动带锯切	Double channels log saw 双通道大回旋	Band saw for maxi roll 小盘纸带锯切
Capacity/min 速度/分	30-60cuts/min 切/分	90-130cuts/ min 切/分	80-100cuts/ min*2 切/分	25-40cuts/ min 切/分
Cutting Diameter 切纸直径	50-240mm	40-130mm	90-120mm	150-300mm
Power Consumption 功率消耗	1.1W/h	7.5 KW/h	11.9 KW/ h	15 KW/ h
Weight 重量	350kgs	2800kgs	2300-2600kgs	2500kgs
Dimension (L*W*H) 机器尺寸	1600- 2800*700*1800mm	3810- 4750*1679*1770mm	3000*1900*1800mm	5240*1440*2275mm
Voltage 电压	380V, 3phase	380V, 3phase	380V, 3phase	380V, 3phase



卫生纸/厨房纸包装机

Toilet Rolls/ Kitchen Towel Packing Machine



主要性能和机构特点

- 1、全伺服系统控制，全部自主编程，所有控制由软件实现，方便功能调整和技术升级，永远先进。
- 2、人机界面，参数设定方便快捷。
- 3、故障自诊断功能，故障显示一目了然。
- 4、高感度光电眼色标跟踪，数字化输入封切位置，使封切位置更加准确。
- 5、会根据纸巾产品自动识别袋长，机器调节简单。
- 6、定位停机功能，不粘刀，CPP和CPP单面热封膜以及彩色包装膜都可以包装，不浪费包膜。
- 7、传动系统简洁，工作更可靠，维护保养更方便。
- 8、可以与切纸机自动连接，不需人工摆放纸巾，更加节省人工成本。
- 9、切纸机无纸巾输出时包装机不走膜，不会产生空袋。

Features:

1. Full servo control system, all independent programming, all controlled by the software to facilitate the function of restructuring and technological upgrading, advanced.
2. human-machine operation, convenient and quick parameter setting.
3. Fault self-diagnosis function, clear failure display.
4. Sensitivity photoelectric eye tracking, digital input cut position which makes the cutting position more accurate.
5. automatically recognizes the bag length according to tissue products, machine adjustment is simple.
6. Positioned stop function, without sticking knife, CPP and CPP-sided heat sealing film and color packaging films can be packaged, not wasting film.
7. Simple driving system, reliable working, convenient maintenance.
8. It can automatically connect with roll Cutter, without manual working, saving labor costs.
9. No product machine will stop, will not have empty bag, never waste film.

手动封口机 Manual Sealing Machine

特点:

- 1、本机操作方便、封口严密、效率高等。
- 2、本机首创采用水冷原理，使封口部位效果更佳。
- 3、省力、工作稳定。

Features:

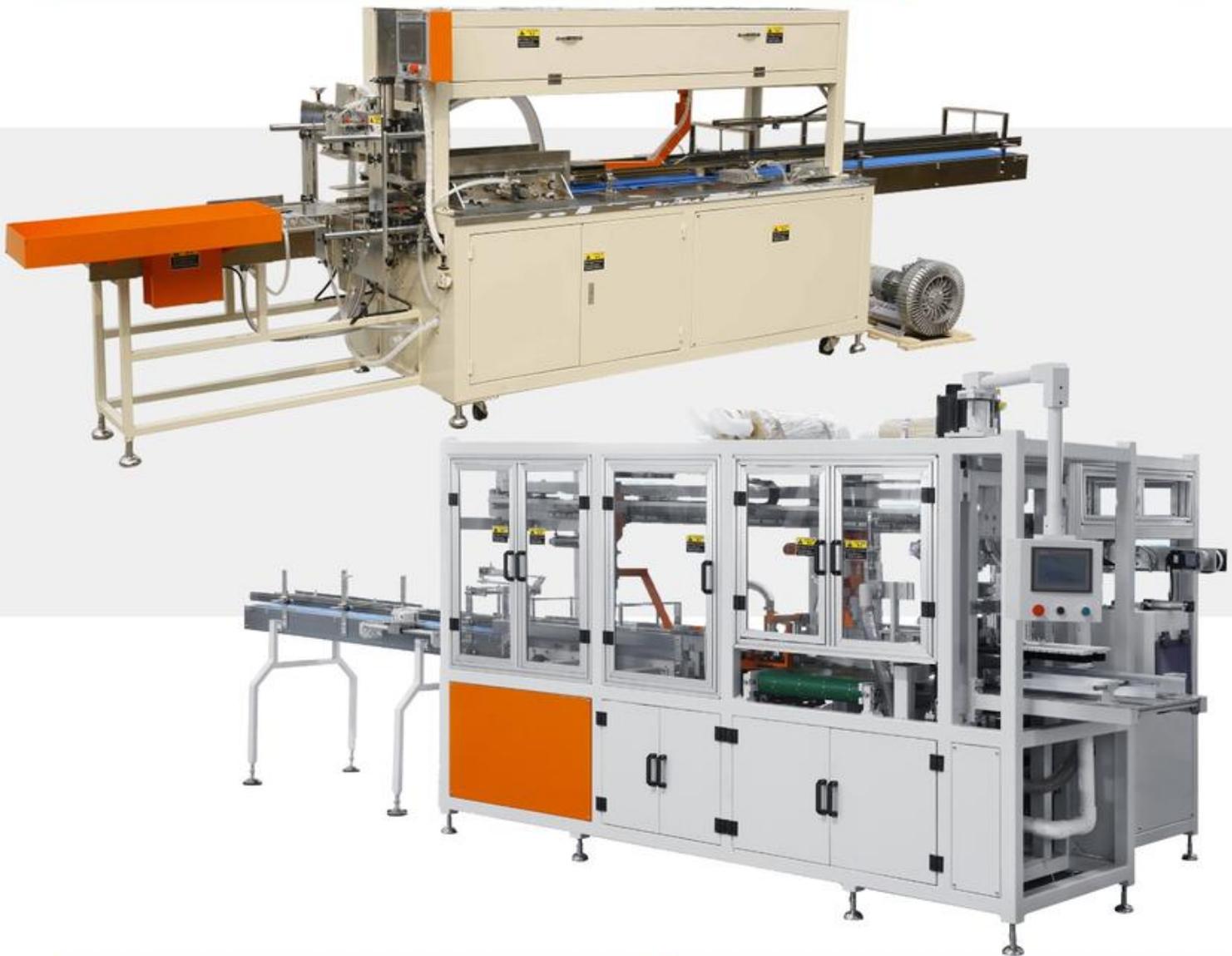
1. Easy to operate, tight sealing and high efficiency.
2. First to adopt the water cooling principle to achieve better sealing effect.
3. Labor-saving and stable work.

单粒包装机 EAN Single Toilet Roll Packing Machine

全自动单卷包装机主要用于卫生纸卷筒纸的独立小卷包装，代替传统人工逐一贴膜封贴，具有速度快，包装整齐美观，节省人力等优势。

The fully automatic single roll packaging machine is mainly used for packaging independent small rolls of toilet paper rolls, replacing the traditional manual film sealing one by one. It has the advantages of fast speed, neat and beautiful packaging, and saving manpower.

Type 类型	Capacity/min 速度/分	Power Consumption 功率消耗	Weight 重量	Dimension (L*W*H) 机器尺寸	Voltage 电压
Manual sealing 手动封口机	8-10bags/min	120W/h	45kg	850*700*800mm	220V, single phase
Automatic single roll packing machine TSP-1 全自动单粒包装机	30-100rolls/min	2.6 KW/ h	720kg	1660*795*1500mm	220V, single phase
Automatic single roll packing machine TSP-2 全自动单粒包装机	80-150rolls/ min	8.5 KW/ h	1500kg	7000*3000*1700mm	220V, single phase
Semi-auto multi-roll packing machine 半自动多粒包装机	8-10 bags/ min	4 KW/h	1000kg	5500x2200x1500mm	380V, 3phase
Automatic multi-roll packing machine 全自动多粒包装机	20bags/ min	21 KW/ h	3000kg	7300*1950*1950mm	380V, 3phase



半自动多粒包装机：Semi-auto multi-roll packing machine

本机适用卫生纸的中装袋封切包装，装袋封口为一体的整体包装机。采用PLC电脑编程控制，液晶文本显示参数。参数设置使机器控制更加和机械运作更稳定。同一台机械只需一套出料口就可以满足包多种不同规格尺寸的产品，可调限度高，调节简易便捷，从而达到了提高生产效率，节省人工及成本的目的。

Semi-auto Multi-roll Packing Machine is suitable for the intermediate bagging, sealing and cutting packaging of toilet paper, and is an integrated packaging machine that integrates bagging and sealing. Adopt PLC computer programming control, LCD text display parameters. Parameter settings make machine control more precise and machine operation more stable. The same machine only needs one set of discharging ports to package products of various specifications and sizes. The adjustable limit is high and the adjustment is simple and convenient, thus achieving the purpose of improving production efficiency and saving labor and costs.

特点：

- 1、人机界面，参数设定方便快捷
- 2、温度独立PID控制，更好适应包装材质
- 3、所有的控制由软件实现，方便功能调整和技术升级，永不落后

Features:

1. Adopt PLC & HMI programming software, easy operating and setting.
2. PID control temperature independently which is more suitable for packing different materials.
3. All control is realized through software, easy to function adjusting, technical upgrade.

全自动多粒包装机：Automatic multi-roll packing machine

全自动中包包装机主要用于卫生纸卷筒纸的中包包装（一般为8-12卷或者更多）。采用PLC电脑编程控制，液晶文本显示参数。该设备是由送膜系统和包装系统动作配合完成的全自动包装设备，取代传统人工装袋或者半自动装袋机，既节省人力又提高了生产效率。

Full-auto Multi-roll Packaging Machine is mainly used for intermediate packaging of toilet paper rolls (generally 8-12 rolls or more). Adopt PLC computer programming control, LCD text display parameters. This equipment is a fully automatic packaging equipment that is completed by the cooperation of the film feeding system and the packaging system. It replaces traditional manual bagging or semi-automatic bagging machines, saving manpower and improving production efficiency.

特点：

- 1、机器调节简单
- 2、可以与切纸机自动连接，更加节省人工成本
- 3、切纸机无纸巾输出时包装机不走膜，不会产生空袋

Features:

1. Machine adjustment is simple.
2. It can automatically connect with roll Cutter, saving labor costs.
3. No product machine will stop, will not have empty bag, never waste film.



Option 1 Semi-auto production line



Need about 3 workers at least

Rewinding machine is automatic, need workers take log from rewinding machine to the semi-auto band saw cutting machine to cut and then workers put the rolls into bag and then use the manual packing machine to pack and seal

Option 2 Semi-auto production line



Need about 5 workers at least, single roll packing speed will be very slowly

Rewinding machine is automatic, need workers take log from rewinding machine to the semi-auto band saw cutting machine to cut and then workers put the single roll into the individual film and use the simple sealing machine to seal then use the manual sealing machine to pack and seal for multi-rolls.

Option 3 Semi-auto production line



Need about 4 workers, single roll packing speed is fast

Rewinding machine is automatic, need workers take log from rewinding machine to the semi-auto band saw cutting machine to cut and then workers put the single rolls on the conveyor belt of the automatic single roll packing machine to do the individual pack then use the manual sealing machine to pack and seal for multi-rolls.





Option 4 Automatic production line



Need about 2 workers at least, single roll packing speed is fast

Rewinding machine, cutting machine, single roll packing machine are automatic, after single roll pack, workers need to put single roll into the bag and use themanul packing machine to seal for multi-rolls.

Option 5 Automatic production line



Need about 2 workers, single roll packing speed is fast

Rewinding machine, cutting machine, single roll packing machine are automatic, after single roll pack, workers need to put the multi-roll bag at the end of the multi-roll packing machine.

Option 6 Automatic production line



Need about 1-2 workers

The full production line is automatic

Option 7 Automatic production line



Need about 2 workers

Rewinding machine, cutting machine are automatic, after cutting to the small rolls, workers need to put the multi-roll bag at the end of the multi-roll packing machine.



餐巾纸折叠机

Paper napkin folding machine (serviette)



Description: 描述

餐巾纸折叠机以大卷为原纸，加工各种尺寸的餐巾纸。该机从原料进料、压花、折叠、切断形成一条线，然后包装。产品卫生、清洁。如果客户需要生产各种规格(180至500)的餐巾纸，客户需要订购机器。以Ean-275为例，该机可生产275mmx275mm的展开餐巾纸。而Ean-330，该机可生产330mmx330mm的展开餐巾纸。其他人也是如此。我们还根据客户的要求接受订单。

It uses jumbo rolls as raw paper to process various sizes of napkin paper. The machine start from raw material feeding, embossment, folding and cutting to form to be one line, and then packaging. The product is of sanitation and cleanness. If the customer need to produce various kind sizes (180 to 500) of napkin paper, the customer need to order the machine. Take Ean-275 for example, this machine can produce the unfolded napkin paper is 275mmx275mm. While Ean-330, this machine can produce the unfolded napkin paper is 330mmx330mm. So do others. We also accept orders according to clients' request.

SPECIFICATIONS FOR PAPER NAPKIN FOLDING MACHINE 餐巾纸折叠机参数

Speed 速度	400-500sheets/min 片/分 800-1000sheets/min 片/分
Power 功率	"2.75-4.75kw (according to model) 跟进型号 3 phase 380V 50HZ"
Width of Raw material 原纸宽幅	180-450mm (according to your choice) 可指定
Machine size 机器尺寸	5860*1210*1610mm(L*W*H)
Weight 重量	1500 KG (according to model) 根据型号
Pneumatic System 气动系统	The 3 horse air compressor, a minimum pressure of 5kg/cm2Pa 3匹空压机
Folding type 折叠方式	1/4, 1/6, 1/8, C folding etc 1/4, 1/6, 1/8, C折叠等
Jumbo Roll Core Diameter 原纸纸管直径	76mm National standard (Other size are available) 国标76mm.其他请指定
Jumbo Roll Diameter 原纸直径	With 1200mm Standard (Other size are available) 宽幅1200mm 其他请指定
Layers of the paper 层数	1-2 layers 15 - 21 g/ m ² , 1 layer paper need ≥19g 1-2层, 15-21克/平米, 1层≥19g
Embossing 压花	Steel to wool 钢对羊毛
Option 其他	
Color printing 印刷	1-4 color Need specify 1-4色 需指定
Web guide 纠偏	Need specify 需指定
Heating unit 加热	Need specify 需指定



晚餐巾折叠机和分叠机

Dinner napkin machine and separator machine



SPECIFICATIONS FOR DINNER NAPKIN FOLDING MACHINE 晚餐巾折叠机参数

Speed 速度	600-650sheets/min 片/分 280m/min 米/分
Power 功率	10.5kw 3 phase 380V 50HZ
Finished product (open size) 成品展开尺寸	420*380mm
Raw materials 原纸	Width: 380mm, diameter: within 1200mm 宽幅: 380mm, 直径: 1200mm以内
Pneumatic System 气动系统	Air source pressure not less than 0.5mpa (by buyer) 气源气压不低于0.5MPA(需方自备)
Folding type 折叠方式	1/8
Jumbo Roll Core Diameter 原纸纸管直径	76mm National standard (Other size are available) 国标76mm,其他请指定
Layers of the paper 层数	16- 22 g/m2 1-2层, 16-22克/平米
Embossing 压花	Steel to wool 钢对羊毛

SPECIFICATION FOR SPEARATOR 分叠机参数

Separating pcs 分叠张数	Adjustable 20-200 pulls (according to the height) 20-200片
Product height after folding 分叠高度	Adjustable 50-120mm 50-120mm



餐巾纸包装机

Paper Napkin Packing Machine



Automatic packing machine 全自动包装机

机器主要特点:

- 1、高速全自动圆巾纸单包装机适用于V折擦手纸、面巾纸、餐巾纸的自动包装。
- 2、纸巾排列、送料采用变频控制方式。包装膜打孔、拉膜定位、薄膜切断、纸巾中心送出等动作均由伺服电机控制。该机操作配置齐全，工作效率高，操作方便、尺寸适用范围广、换尺寸快捷、维护方便、使用成本低等。
- 3、基本操作功能配置：具有自动纸巾整形、自动纸巾速度检测及减速、双纸巾送入或卡住自动报警并停止、纸巾高度自动检测、高度错误报警并停止、薄膜自动检测等功能卷量、放膜装置卡住自动报警及自动停止、纸巾钩整形、点动操作、联动操作等。
- 4、最高稳定生产速度为100包/分钟。

Machine main features:

1. High speed fully automatic facial tissue single wrapping machine is suitable for automatically packing V fold hand towel, facial tissue and napkin.
2. Tissue arraying and feeding adopt variable frequency control modes. Packaging film hole punching, film pulling & position, film cutting off, tissue center sending and other actions are controlled by servo motors. This machine has advantages of complete operation configuration, high working efficiency, easy to operation, wide sizes application range, quickly for size changing, easy to maintenance and low cost for using etc.
3. Basic operation function configuration: Has functions of Auto tissue shaping, auto tissue speed detection and speed decline, auto alarm and stop for twin tissue feeding or get stuck, auto detection for tissue height, alarm and stop when height error, auto detect for film roll volume, auto alarm and stop when film release unit get stuck, tissue hook shaping, inching operation, link operation etc.
4. Max. stable production speed is 100 packs/min.

Semi-auto packing machine 半自动包装机

主要特点

- 1、本机适用于餐巾纸、方包纸的单包包装，输送皮带自动输送，入纸、装袋、封切为一体的整体包装机。(自动推成品)
- 2、采用先进的PLC电脑编程控制，液晶文本显示参数，设置简便，温度控制精确，更有效保护发热丝和耐高温胶布。
- 3、包装速度：8-14包/分钟。软抽，餐巾纸须选定尺寸订制。
- 4、整机结构合理，性能稳定，材料坚固，更经久耐用。

Characteristics

1. Suitable for packing single facial tissue or napkin packing. Multi function: automatic conveying, single head operation, auto feeding, auto sealing.
2. Adopting the advanced PLC computer programming control, double frequency conversions control and the liquid crystal text to display parameters, it is very easy to set the machine. Moreover, the temperature controlling is more precise so that heating wires and tapes with thermo stability can be protected more efficiently.
3. Packing speed: 8-14bags/min. Facial tissue, paper napkin should be customized according to the size.
4. Comprehensive design, rigid frame, allows our machine to work steadily, efficiently, and long lasting too.

Type 类型	Capacity/min 速度/分	Power Consumption 功率消耗	Weight 重量	Dimension (L*W*H) 机器尺寸	Voltage 电压
Semi-auto packing machine 半自动包装机	12-14 bags/ min 袋/分	1.2 KW/h	500kg	2700*1050*1050 mm	220V, single phase
Automatic packing machine 全自动包装机	100 bags/ min 袋/分	6 KW/h	3000kg	4650*3650*1800mm	380V, 3phase



Option 1 Semi-auto production line



Need about 4 workers at least

Folding machine is automatic, need workers take the paper napkin from the folding machine to the manual packing machine then use the manual sealing machine to seal.

Option 2 Semi-auto production line



Need about 2 workers at least

Folding machine is automatic, need workers take the paper napkin from the folding machine to the semi-auto packing machine then worker put the the bag in the end of the packing machine to pack and seal.

Option 3 Semi-auto production line



Need about 1-2 workers at least

Folding machine is automatic, need workers take the paper napkin from the folding machine to the auto packing machine to pack and seal automatically.

Option 4 Auto production line



Need about 1 workers at least

The full production line is automatic, the process is folding machine-separator machine-packing machine.



V折抽纸和擦手纸折叠机

Facial tissue and hand towel V folding machine



Description: 描述

抽纸机采用先进的控制程序，自动计数分量，自动化程度高，工作稳定可靠。将分切后的原纸经螺旋刀辊剪切，互扣式折叠成链式的长方形面巾纸。设备采用真空吸附式自动裁切计数功能，具有速度快，折叠整齐，操作简便。并且生产出来的纸的宽度可依据需求来调整，设备还配有张力调节装置三处，以保证折叠的成品尺寸精度。

功能和特点：

- 1、电控气动，操作方便；
- 2、螺旋刀体剪切，真空吸附折叠；
- 3、自动计数分位整排输出；
- 4、产品宽度可调节，方便客户营销；
- 5、无级调速放卷，可适应高低张力的原纸；

一般形状是V折，一张扣一张，装盒后即可成为抽取式纸巾，使用时一张接一张的从盒中抽出，方便省事。如果把纸盒换成塑料袋，则是软抽，也是可以一张接一张抽出的。

The paper pumping machine adopts advanced control procedures, automatically counts and stacks, has a high degree of automation, and works stably and reliably. The slit raw paper is cut by a spiral knife roller and interlockingly folded into chain-like rectangular facial tissues. The equipment adopts vacuum adsorption type automatic cutting and counting function, which has high speed, neat folding and easy operation. The width of the produced paper can be adjusted according to needs. The equipment is also equipped with three tension adjustment devices to ensure the dimensional accuracy of the folded finished product.

Functions and features:

1. Electronically controlled pneumatic, easy to operate;
2. Spiral cutter body shearing, vacuum adsorption and folding;
3. Automatic counting and full row output;
4. The product width is adjustable to facilitate customer marketing;
5. Stepless speed-adjustable unwinding, adaptable to high and low tension base paper;

The general shape is a V-fold, with one folded and one folded. After being packed into a box, it can become a removable tissue. When in use, one can be pulled out of the box one by one, which is convenient and trouble-free. If you replace the paper box with a plastic bag, it will be soft and can be pulled out one by one.



SPECIFICATIONS FOR FACIAL TISSUE AND HAND TOWEL V FOLDING MACHINE V折抽纸和擦手纸折叠机参数

Specification 参数	200, 210, 220, 230mm (pls specify) 请指定
Speed 速度	80-120m/min 米/分 (500-1000sheets/line 张/排)
Applicable roll quantity 克重	12~18GSM (2ply/3 ply) tissue paper 抽纸
Main Power 主功率	30-40GSM (1ply) hand towel 擦手纸
Power of blower 风机功率	"3-15kw (according to model) 3 phase 380V 50HZ"
Width of raw material 原纸宽幅	"5.5-30kw (according to model) 3 phase 380V 50HZ"
Counting 计数	400-2050mm (according to your choice) 跟进型号
Pneumatic System 气动系统	Mismatch or dot ink counting 错位或点墨计数
Folding type 折叠方式	The 3 horse air compressor, a minimum pressure of 5kg/cm2Pa 3匹V folding V折
Jumbo Roll Core Diameter 原纸纸管直径	76mm National standard (Other size are available) 国标76mm,其他请指定
Jumbo Roll Diameter 原纸直径	With 1200mm Standard (Other size are available) 宽幅1200mm 其他请指定
Embossing 压花	Edge or full embossed pattern 边压或者全压
Option 其他	
Embossing unit 压花装置	Steel to steel 钢对钢; Steel to wool (make paper fluffy) 钢对羊毛; Steel to rubber (make paper soft) 钢对胶
	Small steel to steel (decoration) 小缸套; Glue lamination 上胶复合
Perfume unit 香水装置	Perfume unit can be added 香水装置可添加
Drive mode 传动方式	Chain wheel or motor drive 链条或者电机传动



切纸机

Cutting machine



Description: 描述

大回旋抽切纸机是一台特别设计、用于自动连续切断折叠类的,不同长度、不同高度以及不同宽度的抽纸。本机采用高端PLC电脑编程技术控制,配置有触摸式多画面人机界面系统。

The log saw is specially designed for automatic continuous cutting folding, different lengths, different heights and different widths of the facial tissue. This machine adoptshigh-end PLC computer programming technology control, and is equipped with touch-type multi-screen man-machine interface system.

Type 类型	Capacity/min 速度/分	Power Consumption 功率损耗	Weight 重量	Dimension (L*W*H) 机器尺寸	Voltage 电压
Facial tissue log saw	50-120cuts/ min 切/分	6.6KW/ h	1500kg	2100*1600*1700mm	380V, 3phase
抽纸回旋切	130-200cuts/min 切/分				



抽纸包装机

Facial tissue packing machine (for bags)



Automatic packing machine 全自动包装机

机器主要特点:

- 1、高速全自动面巾纸单包机适用于V折擦手纸、面巾纸、餐巾纸的自动包装。
- 2、纸巾排列、送料采用变频控制方式。包装膜打孔、拉膜定位、薄膜切断、纸巾中心送出等动作均由伺服电机控制。该机操作配置齐全，工作效率高，操作方便、尺寸适用范围广、换尺寸快捷、维护方便、使用成本低等。
- 3、基本操作功能配置：具有自动纸巾整形、自动纸巾速度检测及减速、双纸巾送入或卡住自动报警并停止、纸巾高度自动检测、高度错误报警并停止、薄膜自动检测等功能卷量、放膜装置卡住自动报警及自动停止、纸巾钩整形、点动操作、联动操作等。
- 4、最高稳定生产速度为100包/分钟。

Machine main features:

1. High speed fully automatic facial tissue single wrapping machine is suitable for automatically packing V fold hand towel, facial tissue and napkin.
2. Tissue arraying and feeding adopt variable frequency control modes. Packaging film hole punching, film pulling & position, film cutting off, tissue center sending and other actions are controlled by servo motors. This machine has advantages of complete operation configuration, high working efficiency, easy to operation, wide sizes application range, quickly for size changing, easy to maintenance and low cost for using etc.
3. Basic operation function configuration: Has functions of Auto tissue shaping, auto tissue speed detection and speed decline, auto alarm and stop for twin tissue feeding or get stuck, auto detection for tissue height, alarm and stop when height error, auto detect for film roll volume, auto alarm and stop when film release unit get stuck, tissue hook shaping, inching operation, link operation etc.
4. Max. stable production speed is 100 packs/min.

Semi-auto packing machine 半自动包装机

主要特点

- 1、本机适用于餐巾纸、方包纸的单包包装，输送皮带自动输送，入纸、装袋、封切为一体的整体包装机。(自动推成品)
- 2、采用先进的PLC电脑编程控制，液晶文本显示参数，设置简便，温度控制精确，更有效保护发热丝和耐高温胶布。
- 3、包装速度：8-14包/分钟。软抽，餐巾纸须选定尺寸订制。
- 4、整机结构合理，性能稳定，材料坚固，更经久耐用。

Characteristics

1. Suitable for packing single facial tissue or napkin packing. Multi function: automatic conveying, single head operation, auto feeding, auto sealing.
2. Adopting the advanced PLC computer programming control, double frequency conversions control and the liquid crystal text to display parameters, it is very easy to set the machine. Moreover, the temperature controlling is more precise so that heating wires and tapes with thermo stability can be protected more efficiently.
3. Packing speed: 8-14bags/min. Facial tissue, paper napkin should be customized according to the size.
4. Comprehensive design, rigid frame, allows our machine to work steadily, efficiently, and long lasting too.

Type 类型	Capacity/min 速度/分	Power Consumption 功率消耗	Weight 重量	Dimension (L*W*H) 机器尺寸	Voltage 电压
Semi-auto packing machine 半自动包装机	12-14 bags/ min 袋/分	1.2 KW/h	500kg	2700*1050*1050 mm	220V, single phase
Automatic packing machine 全自动包装机	100 bags/ min 袋/分	6 KW/ h	3000kg	4650*3650*1800mm	380V, 3phase



抽纸包装机 (盒)

Facial Tissue Packing Machine



| Semi-auto packing machine 半自动包装机

半自动封盒包装机是把各类型包装纸盒进行封口粘合。该机采用机电一体化技术，具有性能稳定、操作简单、自动化程度高等优点，绝对是提高纸盒包装效率及包装质量的首选设备。

The box sealing and packaging machine is used to seal and glue various types of packaging cartons. This machine adopts electromechanical integration technology and has the advantages of stable performance, simple operation, and high degree of automation. It is definitely the first choice equipment to improve the efficiency and quality of carton packaging.

Type 类型	Semi-auto box packing machine 半自动封盒机	Automatic box packing machine E-01 全自动封盒机	Automatic box packing machine E-02 全自动封盒机
Capacity/min 速度/分	30-50box/ min 盒/分	35box/ min 盒/分	100bags/ min 盒/分
Power Consumption 功率消耗	3 KW/h	5 KW/ h	6 KW/ h
Packing size 包装尺寸	(100-230)*(100-130)*(40-100)mm	(110-230)*(100-120)*(40-90)mm	L(100-240)×W(100-120)×H(20-90)mm
Dimension (L*W*H) 机器尺寸	1600*1000*1500 mm	2650*2600*1500mm	4650*3650*1800mm
Voltage 电压	220V, single phase	380V, 3phase	380V, 3phase



Automatic box packing machine E-01

介绍

本机为盒装纸巾机，将面巾纸插入纸盒并封口，经济实惠，可与2线3线4线折页机等小型折页机配套。

特征

- 1、采用伺服、步进电机驱动，三菱PLC控制，自动吸盒、开盒、充纸巾、涂盒、封盒。
- 2、光电自动跟踪，无纸巾送纸时不吸盒，避免盒浪费。
- 3、箱体尺寸转换方便、快捷。无需更换多个尺寸模块，只需更换盒式吸盘架即可。
- 4、采用智能温控仪和大触摸屏，参数设置方便，操作简单。
- 5、PLC控制系统预设自动启停功能。如果控制面板框架上的手动按钮出现任何故障，用户可以使用自动启动/停止功能立即继续正常生产。
- 6、任何没有经验的人都可以快速学习并熟悉调试和操作。
- 7、前端纸巾折叠机、纸巾切割机单独使用或配合组成全自动生产线。

Introduction

This machine is box tissue machine, insert facial tissue into carton and sealing the carton, It's economy and can match the small folding machine like 2 line 3 line 4 line folding machine.

Feature

1. Driven by servo and step motor, controlled by Mitsubishi PLC for automatic box sucking, box opening, tissue filling, box gluing and sealing.
2. With auto photocell tracking, no box suction when without tissue feeding, avoiding box wasting.
3. Convenient and quick in changeover of box size. No need to change many size modules but replace the box sucker rest only.
4. With intellectual temperature controller and large touch screen, easy parameters setting and simple operation.
5. Auto Start/Stop functions are preset in the PLC control system. In case of any trouble with the manual buttons on the control panel frame, user can use the Auto Start/Stop function to continue the normal production right away.
6. Any inexperienced person can quickly learn and get familiar with the debugging and operation.
7. Individually use or work with front-end tissue folding machine and tissue cutting machine as a full auto production line.

本设备用于单粒装盒机包装,采用伺服传动及PLC控制系统,存储纸盒平台,自动取盒至输送机构并开盒成型然后送至撑盒机构;然后模具将产品推入纸盒,纸盒行进过程中自动喷胶机封盒并送出包装机。

Automatic packing machine 全自动包装机

设备性能:

- 1、采用自动送料、开盒、喷胶、封盒等包装形式，结构紧凑合理，操作调整简单。
- 2、采用伺服电机和触摸屏，PLC可编程控制系统，人机界面显示更清晰，自动化程度高，更具人性化。
- 3、采用自动理料输送机构，方便与自动生产线联动生产，可大量降低劳动力成本。
- 4、采用光电眼自动检测跟踪系统，空包不下盒，最大限度地节约了包装材料。
- 5、包装范围大，调节方便，各种规格尺寸之间可实现快速转换。
- 6、更换规格无需大量更换模具，只需调节或更换个别配件即可实现。
- 7、采用纸巾进盒不到位自动停机 and 主传动电机过载保护装置，使用更安全可靠。

This equipment is used for single-grain cartoning machine packaging. It adopts servo transmission and PLC control system. It stores the carton platform, automatically takes the carton to the conveying mechanism, opens the box and forms it, and then sends it to the carton support mechanism; then the mold pushes the product into the carton. While the carton is traveling, the automatic glue spraying machine seals the box and sends it out to the packaging machine.

2. Equipment performance:

1. It adopts automatic feeding, box opening, glue spraying, box sealing and other packaging forms, with compact and reasonable structure and simple operation and adjustment.
2. Using servo motors, touch screens, and PLC programmable control systems, the human-machine interface display is clearer, highly automated, and more humane.
3. The automatic material sorting and conveying mechanism is used to facilitate production in conjunction with the automatic production line, which can greatly reduce labor costs.
4. Using photoelectric eye automatic detection and tracking system, empty packages cannot be removed from the box, which saves packaging materials to the maximum extent.
5. Large packaging range, easy adjustment, and quick conversion between various specifications and sizes.
6. Changing specifications does not require a large number of mold changes. It can be achieved by adjusting or replacing individual parts.
7. It adopts automatic shutdown and main drive motor overload protection device if the paper towel does not enter the box in place, making it safer and more reliable to use.



Option 1 Semi-auto production line



Need more than 4 workers 🧑🧑🧑🧑 Folding machine is automatic, need workers take the facial tissue from the folding machine to the manual packing machine then use the manual sealing machine to seal.

Option 2 Semi-auto production line



Need more than 3 workers 🧑🧑🧑 Folding machine is automatic, need workers take the facial tissue from the folding machine to the semi-auto packing machine then worker put the the bag in the end of the packing machine to pack and seal.

Option 3 Semi-auto production line



Need more than 3 workers at least 🧑🧑🧑 Folding machine is automatic, need workers take the facial tissue from the folding machine to the auto packing machine to pack and seal automatically.

Option 4 Auto production line

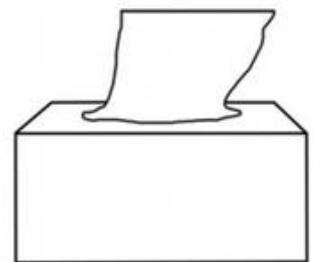
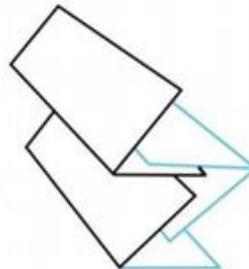
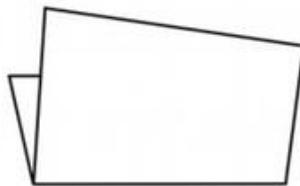
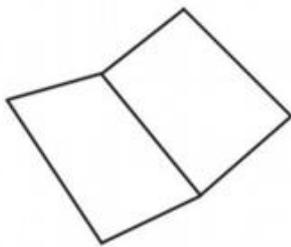


Need about 2 workers at least 🧑🧑 The full production line is automatic, the process is folding machine-separator machine-packing machine.

Option 4 Auto production line



Need about 1 workers at least 🧑 The full production line is automatic, the process is folding machine-separator machine-cutting machine-packing machine.



You can extract it one by one



擦手纸折叠机

Hand towel folding machine



全自动Z型折叠擦手纸机

- 1、自动计数并按顺序输出。
 - 2、采用螺旋车刀切断，真空吸附折叠
 - 3、采用无级调速，可固定不同张力的原纸。
 - 4、气动与电动控制，操作方便。
 - 5、配备钢对钢压花装置，压花清晰。
 - 6、生产幅宽范围广，方便用户销售。
 - 7、机器可根据需要配备PLC。
- 我们可以根据客户的要求制作2线、3线、4线、5线、6线、7线、8线机器。

Automatic Z Folded Paper Hand Towel Machine

1. Count automatically and output in order.
2. Adopt screw turning knife to cut and vacuum absorption to fold
3. Adopt step-less adjusting speed unreal which may fix different tension of raw paper.
4. Control pneumatic with electric convenient to operate.
5. Equip with steel to steel embossing unit, embossing is clear.
6. Have a wide range of production width for user to sale conveniently.
7. The machine can equip with PLC according to requirement.

We can make the machine with 2lines,3lines,4lines,5lines,6lines,7lines and 8lines according to customer's requirement.

SPECIFICATIONS FOR HAND TOWEL N FOLDING MACHINE N折擦手纸折叠机参数

Specification 参数	200, 210, 220, 230mm (pls specify)
Speed 速度	80-120m/min 米/分
Applicable roll quantity 克重	30-40GSM (1ply) hand towel 擦手纸1层 Glue hand towel 16-17gsm double layers 上胶复合2层
Main Power 主功率	"3-15kw (according to model) 3 phase 380V 50HZ"
Power of blower 风机功率	"5.5-30kw (according to model) 3 phase 380V 50HZ"
Width of raw material 原纸宽度	400-1800mm (according to your choice) 跟进选择
Counting 计数	Mismatch or dot ink counting 错位或点墨计数
Pneumatic System 气动系统	The 3 horse air compressor, a minimum pressure of 5kg/cm2Pa 3匹空压机
Folding type 折叠方式	N/Z folding N/Z折叠
Jumbo Roll Core Diameter 原纸纸管直径	76mm National standard (Other size are available) 国标76mm,其他请指定
Jumbo Roll Diameter 原纸直径	With 1200mm Standard (Other size are available) 宽幅1200mm 其他请指定
Embossing 压花	Edge or full embossed pattern 压边或者压花



擦手纸切纸机

Hand Towel Cutting machine



擦手纸切纸机

主要特点:

1. 该设备操作简单, 噪声小, 运行稳定, 生产效率高
2. 整机采用PLC程序控制, 变频调速控制, 触摸屏操作 - 三菱牌
3. 伺服电机驱动
4. 伺服电机控制送料, 提供正确的切割长度
5. 单通道输送带
6. 1.5米输送带用普通电机传动
7. 通道规格: 长1650mm, 宽135-330mm, 高70-110mm (其他规格可订做)
8. 配置先进的光电检测系统
9. 自动磨刀装置(国家专利), 人机界面控制自动磨刀进给, 保持刀锋利, 磨刀角度面板程控
10. 刀耗小
11. 切割速度, 长度通过触摸屏设定, 推进、切割更加流畅和连续
12. 切割长度误差小, 切口平整, 准确性高

Main features:

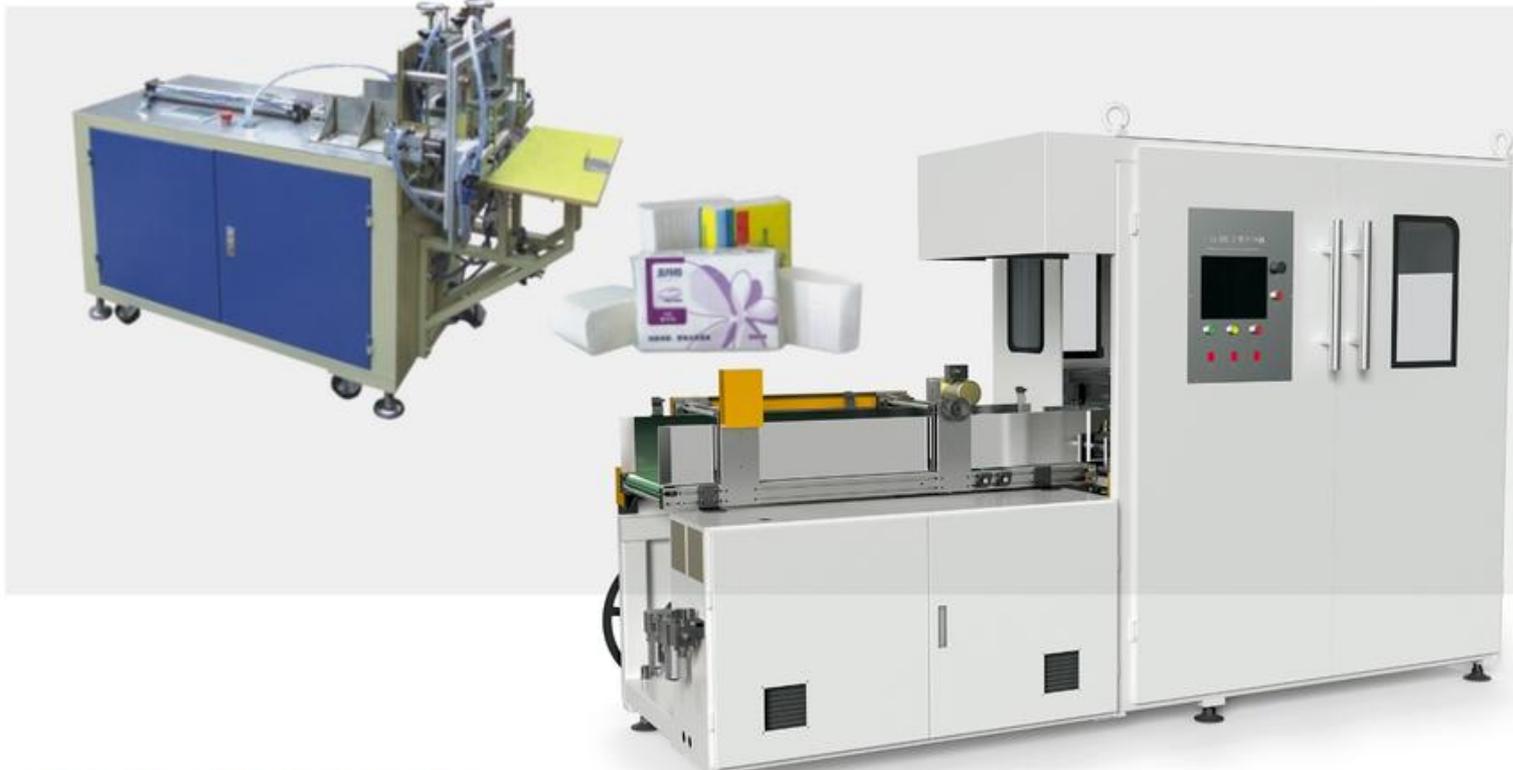
1. The equipment is easy to operate, with low noise, stable operation, and high production efficiency.
2. The whole machine is controlled by PLC program, variable frequency speed regulation control, and touch screen operation - Mitsubishi brand.
3. Servo motor drive.
4. Servo motor controls the feeding to provide the correct cutting length.
5. Single-channel conveyor belt.
6. 1.5-meter conveyor belt is driven by a common motor.
7. Channel specifications: length 1650mm, width 135-330mm, height 70-110mm (other specifications can be customized).
8. Equipped with advanced photoelectric detection system.
9. Automatic grinding knife device (national patent), human-machine interface control automatic grinding knife feed, to keep the knife sharp, and the grinding knife angle is programmed on the panel.
10. Low knife consumption.
11. Cutting speed, length can be set through the touch screen, and the propulsion and cutting are more smooth and continuous.
12. The cutting length error is small, the cut is flat, and the accuracy is high.

Type 类型	Capacity/min 速度/分	Power Consumption 功率消耗	Cutting size 切纸尺寸	Dimension (L*W*H) 机器尺寸	Voltage 电压
Hand Towel cutting machine 擦手纸切纸机	30-90cuts/ min 切/分	7.5KW/ h	(170-23)*(135-330)*(70-11)mm	3500*1100*2000mm	380V, 3phase



擦手纸包装机

hand towel packing machine



Semi-auto hand towel packing machine

本机适用擦手纸、餐巾纸袋袋封口包装，袋袋封口为一体的整体包装机。采用先进PLC电脑编程控制，液晶文本显示参数，参数设置简单，控制更加精确，机械运作更稳定。同时配有水冷装置，使易损件-发热丝和耐高温胶布更加耐用，包装封口效果更美观。同一台机械只需一套出料口就可以满足包多种不同规格尺寸的产品，调节更简易便捷，从而达到了提高生产效率，节省人工及成本的目的。整机结构合理，性能稳定，材料坚固，经久耐用。

Semi-automatic hand towel packaging machine

This machine is suitable for bagging and sealing packaging of hand wipes and napkin, and it is an integrated integral packaging machine for bagging and sealing. It adopts advanced PLC computer programming control, and the parameters are displayed on the LCD text, the parameter setting is simple, and the control is more precise, and the mechanical operation is more stable. At the same time, it is equipped with a water cooling device, which makes the vulnerable parts - the heating wire and the high-temperature resistant tape more durable, and the packaging sealing effect is more beautiful. With only one set of discharge ports on the same machine, it can meet the packaging of a variety of products with different specifications and sizes, and the adjustment is more simple and convenient, so as to achieve the purpose of improving production efficiency, saving labor and costs. The whole machine has a reasonable structure, stable performance, solid materials, and durability.

Machine main advantage

- 1.擦手纸包装机适合于N折擦手、V折纸巾、方巾纸、餐巾纸枕式袋形式的包装。
- 2.纸巾的排列、计数、灌包充填、拉袋、送袋均采用伺服驱动，操作简单、维护方便。
- 3.采用负压站集中管理模式，有效降低能耗。
- 4.全套采用智能温控，对各种经过电烫的包装袋均能进行有效热封。确保包材适应性强、封口美观、运行稳定。
- 5.标准配置预制袋定位检测功能；气源管理功能；故障报警显示功能；伺服过载保护功能。
- 6.预制筒料卷膜，伺服驱动控制送膜；

Machine main advantage:

- 1.Paper towel packaging machine is suitable for automatically packing N fold hand towel paper, V fold facial tissue, napkin pillow type packaging.
- 2.Adopts servo control for paper arrangement, counting, filling, bag pulling and bag sending, easy to operate and maintenance.
- 3.Adopts central vacuum station management mode, can effectively reduce power consumption.
- 4.Adopts intelligent temperature controlling, suitable for different types packaging material and nice sealing effect.
- 5.Standard equipped with bag positioning detection, air source management, alarm display and servo overload protection function.
- 6.Film tube roll with gusset as packaging material, servo drive controlling for film feeding.

Type 类型	Capacity/min 速度/分	Power Consumption 功率消耗	Packing size 包装尺寸	Dimension (L*W*H) 机器尺寸	Voltage 电压
Semi-auto packing machine 半自动包装机	8-12 bags/ min 袋/分	0.4 KW/h	(100-250)*(150-200)*108mm	2000*1300*1400 mm	220V, single phase
Automatic packing machine 全自动包装机	30-40bags/ min 袋/分	11KW/ h	(100-250)*(110-250)*(70-110)mm	4650*3650*1800mm	380V, 3phase



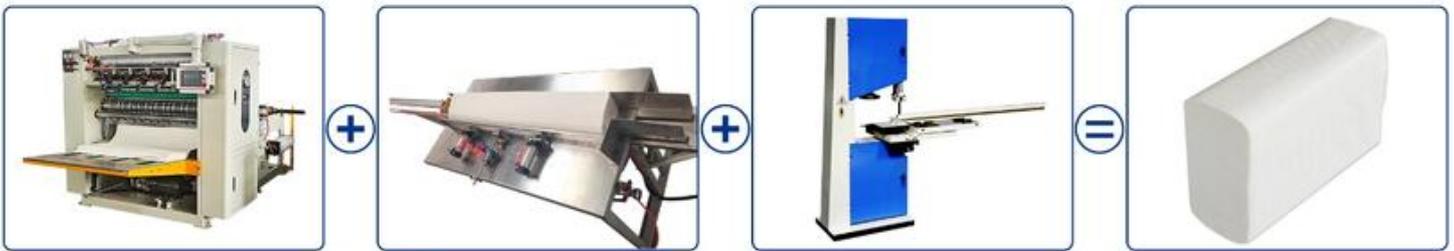
Option 1 Semi-auto production line



Need more than 4 workers 

Folding machine is automatic, need workers take the facial tissue from the folding machine to the manual packing machine then use the manual sealing machine to seal.

Option 2 Semi-auto production line



Need more than 3 workers 

Folding machine is automatic, need workers take the facial tissue from the folding machine to the semi-auto packing machine then worker put the the bag in the end of the packing machine to pack and seal.

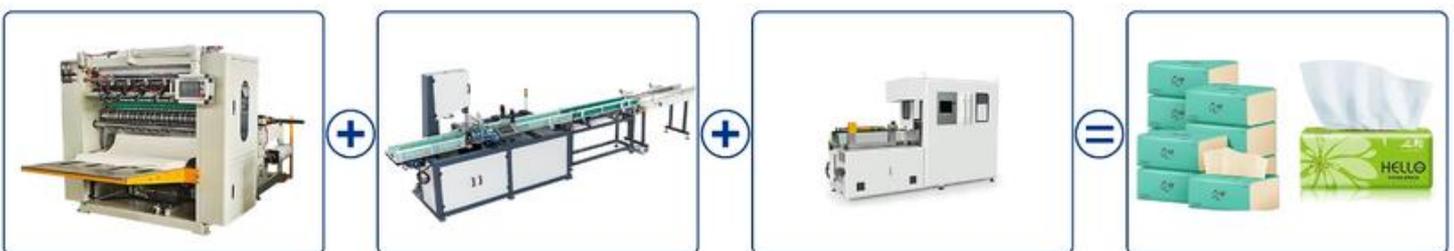
Option 3 Semi-auto production line



Need more than 3 workers at least 

Folding machine is automatic, need workers take the facial tissue from the folding machine to the auto packing machine to pack and seal automatically.

Option 4 Auto production line



Need about 2 workers at least 

The full production line is automatic, the process is folding machine-separator machine-packing machine.



手帕纸生产线

Pocket tissue production line (handkerchief)



Pocket tissue folding machine (handkerchief)

主要特点

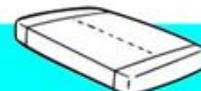
- 1、整机运行由台达PLC电脑程序控制，人机界面操作
- 2、完善的故障检测跟踪系统，高精度光电跟踪系统
- 3、传动系统采用先进的变频调速控制
- 4、具有智能分片系统，实现自动分叠，降低生产成本
- 5、采用齿轮速比系统，消除下纸与包装机推料杆碰撞达到高效生产
- 6、采用独立运行控制系统，无需对包装机器进行改造，具有高度兼用性
- 7、采用吸附式折叠，确保外型美观准确控制产品规格

Main feature

- 1.Adopt Delta PLC control the machine running and operate it on touch screen.
- 2.Adopt complete trouble alarm and tracing system, easy to fix the error.
- 3.Transmission system adopt advance frequency control.
- 4.Intelligent separate system, achieve auto transfer, reduce the cost for customer.
- 5.Adopt the gear speed rate system, fix the tissue hit the pushing rod when machine put down the tissue achieve production efficiently.
- 6.Adopt independent running control system, no need to change the packing machine, it is highly versatile.
- 7.Adopt adsorption folding, to keep the good shape of the finish product can control the specification precisely.

SPECIFICATIONS FOR POCKET TISSUE FOLDING MACHINE 手帕纸机参数

Speed 速度	70pack/min 70包/分
Power 功率	*2.2kw (main power)+5.5kw (air pump power) 3 phase 380V 50HZ*
Width of jumbo roll 原纸宽幅	180-210mm
Dia. of the jumbo roll 原纸直径	1200mm
Dia. Of the inner core 内纸管直径	76mm
Unfolding size 展开尺寸	200/205/210mm
Folding size 折叠尺寸	(65-115)*(50-53)mm
Embossing 压花	Steel to Steel, Steel to rubber(Optional) 钢对钢, 钢对胶 (可选)
Pcs/bag 片/包	2008/9/10
Machine size 机器尺寸	3850*692*1360(L*W*H)
Weight 重量	1000 KG



Single bag packing machine 单包机

主要特点

- 1、整机运行由西门子PLC电脑程序控制，人机界面操作
- 2、完善的故障自动跟踪和报警系统，高精度光电跟踪系统
- 3、传动系统采用先进的变频调速控制、各周期定位由精密的分度机执行
- 4、采用自动注油循环润滑系统，大大延长整机使用寿命
- 5、采用特有的抗静电技术，使包装性能更加稳定
- 6、采用智能型温控表，使温度控制随心所欲
- 7、纸巾包装膜撕口为自动打孔，并能配置安装各种不同外型撕口的自动打孔装置
- 8、生产日期、生产批号等字符内容实现色带打码机自动打印，并可上下左右调节字符打印位置。
- 9、外包装膜圆弧撕口不干胶标签实现同步自动粘贴

Main Feature

1. Adopts Advance control of SIEMENS' PLC programming and touch screen to set up.
2. Adopt trouble tracing and alarm system, the trouble can be found and solved more easily.
3. With stepping motor, has the features of accurate control and locating compact matched movement.
4. With automatic oil-filling circular lubricating system, the use life of the machine parts have been extended greatly.
5. With adopting static electricity removing device, the packing effect is more perfectible
6. With the intelligent tem-controller, the temperature adjustment is flexible.
7. Can be equipped with auto-perforating device, which is for various tear-off outside.
8. Automatically print production date and the location can be adjusted from up to down, from left to right.
9. Automatic adhere the label

Multi-bags packing machine

主要特点

1. 整机运行由西门子PLC电脑程序控制，人机界面操作
2. 完善的故障自动跟踪和报警系统，高精度光电跟踪系统
3. 传动系统采用先进的变频调速控制、各周期定位由精密的分度机执行
4. 采用自动注油润滑系统，大大延长整机使用寿命
5. 采用特有的抗静电技术，使包装性能更加稳定
6. 采用智能型温控表，使温度控制随心所欲

适用范围

适用于3*2、5*2、6*2、3*3、5*3、6*3、3*3*2包装等

Main feature

1. Adopts advance control of SIEMENS' PLC programming and touch screen to set up.
2. Adopts trouble tracing and alarm system, the trouble can be found and solved more easily.
3. Adopts the intelligent feeding system, valid to enhance the produce efficiency.
4. With the oil-filling lubricating system, the use life of the machine parts have been extended greatly.
5. Adjust feeding part to produce different sizes productions. The adjustment is flexible.
6. With the intelligent tem-controller, the temperature adjustment is flexible.

Application

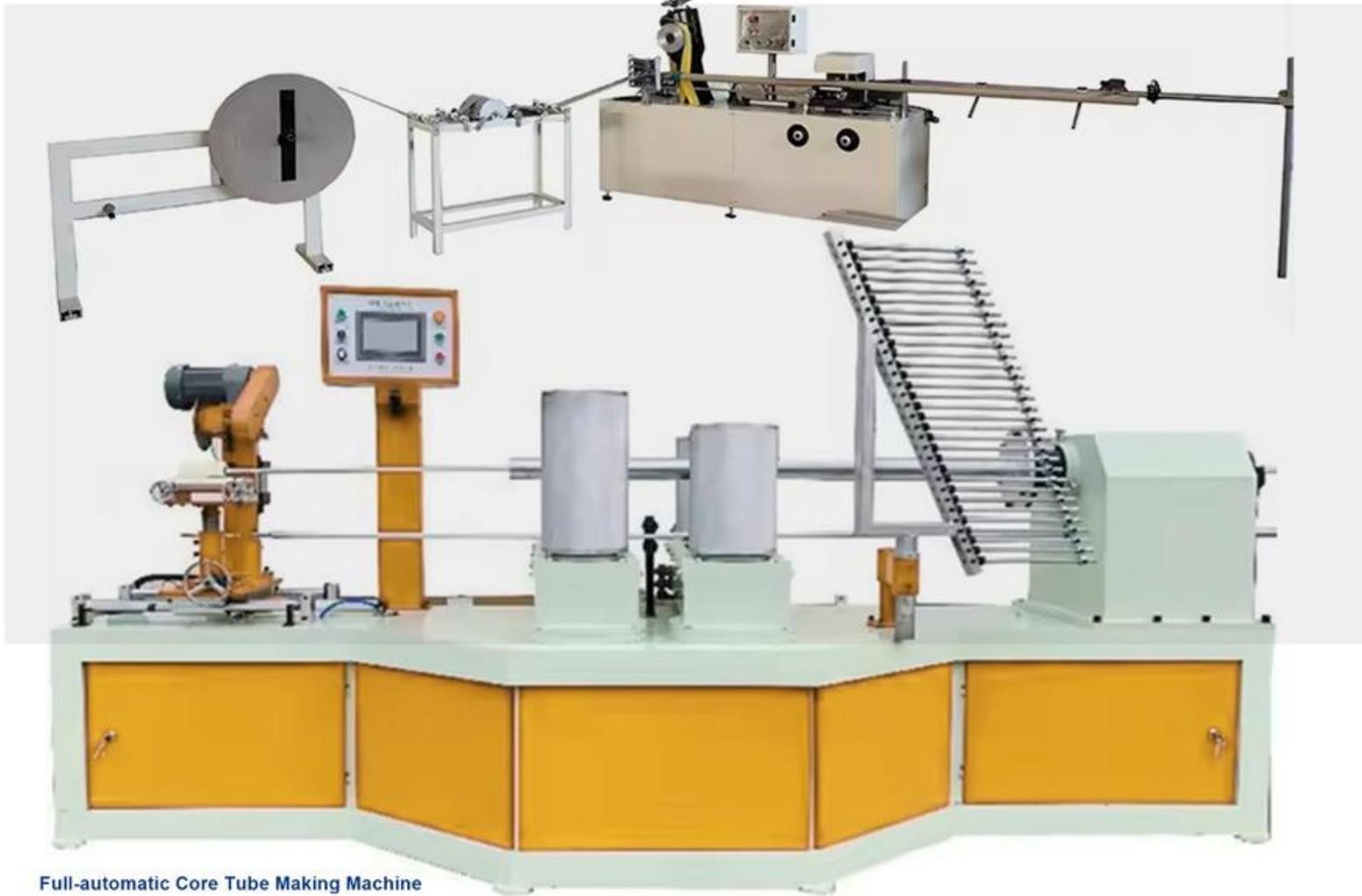
Use to pack 3*2 5*2 6*2 3*3 5*3 6*3 3*3*2.

Type 类型	Capacity/min 速度/分	Packing size 包装尺寸	Power Consumption 功率消耗	Weight 重量	Dimension (L*W*H) 机器尺寸	Voltage 电压	Packing materials 包装材料
Single bag packing machine 单包机	90-100bags/ min	(70-110)L*(50-55)W*(20-28)H mm	4.68KW/h	1650kg	2840*2650*1720 mm	380V, 3 phase, 50HZ	Cpp,PE double heating sealing film and so on
Multi-bag packing machine 多包机	10bags/ min	(150-330)L*(70-150)W*(20-84)H mm	3.5 KW/h	1200kg	2500L*3200W*1550H mm	380V, 3 phase, 50HZ	Cpp,PE double sides heating sealing film and so on



纸管机

Core tube making machine



Full-automatic Core Tube Making Machine

Description:

纸管机是一种生产纸管的机器设备,纸管用于卫生纸和厨房纸等生活用纸内芯。

Paper tube machine is a kind of machine equipment for producing paper tubes which can be used inside the toilet rolls, kitchen towels and daily use papers.

Features:特征

- 1、主体采用厚重型钢板经数控切割后焊接而成,机架稳重不易变形,振动小。
 - 2、主传动采用硬齿面全油浴链条传动,低噪声,低发热,高转速,大转矩。
 - 3、采用PLC控制系统,提高切割响应速度,切割长度控制比以往更加准确。
 - 4、成品管材用于卫生纸、塑料制品、纺织等行业。
1. The main body is made of thick heavy-duty steel plates that are welded after numerical control cutting. The frame is stable, not easily deformed, and has little vibration.
 2. The main drive adopts hard tooth surface full oil bath chain drive, which has low noise, low heat, high speed and large torque.
 3. Adopt PLC control system to improve cutting response speed, and cutting length control is more accurate than before
 4. The finished pipes are used in the toilet paper ,plastic firm and textile etc.

SPECIFICATIONS FOR CORE TUBE MAKING MACHINE CMM1 纸管机参数 CMM1

Winding paper layers 卷绕纸张层数	3-16layers 层
Roll core diameter 纸管直径	35-60mm
Thickness of the roll core 纸管厚度	0.5-8mm
Production speed 生产速度	3-20m/min
Main power 主功率	5.5kw
Overall size 机器尺寸	3200*2000*1950mm (L*W*H)
Weight 重量	2800kgs
Working space 生产空间	16*7.5m (L*W)

SPECIFICATIONS FOR CORE TUBE MAKING MACHINE CMM3 纸管机参数 CMM3

Production Speed 生产速度	10-20 m/min 米/分
Specification of Roll Core 纸管参数	core diameter: \varnothing 28- \varnothing 60 mm (2-4 layers), length 1.2-1.96 m 纸管直径 \varnothing 28- \varnothing 60 mm (2-4 层), 长度 1.2-1.96 m
Specification of Jumbo Roll 原纸参数	300-400 g/m ² width 宽度50-90 mm
Installed power 安装功率	4.5Kw (380V 50Hz)
Overall Size of Equipment (L*W*H m) 机器尺寸	3000*800*1600mm



纸管分切机

Core tube slitting machine



Core tube slitting machine 纸管分切机

主要特点

纸管分切机可按照客户需求将纸管分切成不同的长度。

The core tube slitting machine can cut core tubes into different lengths according to customer needs.

特点:

- 1、运转平稳：原纸收卷牢固，两侧平整。
- 2、噪音低：“轴承钢”双刀轴永久不弯。
- 3、实用性强：双刀可在2 - 1700mm之间任意调节宽度。
- 4、操作方便：分切后的纸带两边光滑平整，不带毛刺。

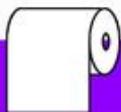
Features:

1. Smooth operation: the base paper is firmly rolled up and both sides are flat.
2. Low noise: the "bearing steel" double-knife shaft will never bend.
3. Highly practical: the width of the double knives can be adjusted arbitrarily between 2 - 1700mm.
4. Easy to operate: both sides of the cut paper tape are smooth and flat without burrs.



SPECIFICATIONS FOR CORE TUBE SLITTING MACHINE 纸管分切机参数

Slitting speed 分切速度	300mm
Slitting ability 分切能力	80-600g
Slitting width 分切宽幅	40mm
Finished diameter 分切后直径	900mm
Raw material width 原纸宽幅	1600mm
Raw material diameter 原纸直径	1200mm
Power 功率	380V, 3phase, 50Hz, 4kw
Working space 工作空间	2700*2300*1500mm (L*W*H)



大轴纸

Jumbo roll



Jumbo roll 1



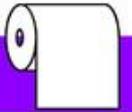
Jumbo roll 2



Core raw materials



colour jumbo roll



Packing materials





专业 专注 专心

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