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玉田元创包装机械制造有限公司
Yutian UANCHOR Packaging Machinery Co., Ltd.

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企业简介
COMPANY PROFILES

玉田元创包装机械制造有限公司成立于2009年，占地53.36亩，总建筑面积25000多平方米；公司现有员工110人，注册资金3000万元，年产值6000多万元。我公司是"河北省高新技术企业"、"省级企业技术中心"、"A级研发机构"、"河北省科技型中小企业"。

玉田元创包装机械制造有限公司是国内第一个研制扑克牌生产设备的专业厂家。现主要产品包括全自动卡片生产线、高速喷码检品机系列、高速裱纸机系列、裁切线系列、全自动清废机系列、纸堆整理机系列等6大系列近20个品种的光机电一体化设备。

公司产品服务于国内外印刷中、高端市场并远销美国、德国、巴西、匈牙利、韩国、日本、印度、印尼、马来西亚等30多个国家和地区。

公司位于京津唐"金三角"中心位置，处于京津1小时、唐山半小时经济圈，毗邻四大港口和两大国际机场，紧邻京哈等多条高速，交通便利。

公司坚持"科技开元，创新发展"的经营理念，以服务客户、服务社会为宗旨，诚信经营广交四海朋友。

Yutian UANCHOR Packaging Machinery Co.,Ltd was established in 2009, covering an area of 53.36 mu with a total construction area of more than 25,000 square meters.UANCHOR has 110 employees, registered capital is RMB 30 million and annual output value is more than RMB 60 million.Our company is "Hebei High-tech Enterprises", "Provincial Enterprise Technology Center", "A-level R&D institutions", "Hebei Science and Technology SMEs".

Yutian UANCHOR Packaging Machinery Co.,Ltd. is the first professional manufacturer to develop poker card production equipment in China.At present, the main products including 6 series of nearly 20 kinds of optoelectronic integrated equipment, including automatic card production line, pile turner series, high-speed laminating machine series, automatic blanking machine series, Uanchor cutting and collecting line series, digital inkjet printing and inspection machine series and so on.

Our products serve the domestic and abroad printing medium and high-end market and are exported to more than 30 countries and regions such as the United States, Germany, Brazil, Hungary, Korea, Japan, India, Indonesia, Malaysia and so on.

Our company is located in the center of the "Golden Triangle" of Beijing, Tianjin and Tangshan which is in the economic circle of one hour to Beijing and half an hour to Tianjin. It is near by four major ports and two international airports,it is also near by many high-speed roads with convenient transportation, such as Beijing and Harbin high-speed roads.

Our company insist on the business philosophy of "science and technology, innovation and development" with the purpose of serving customers and society, and makes friends all over the world in good faith.

资质荣誉
COMPANY HONOR

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目录 Contents

FQ1020 全自动卡片分切机

Automatic Card Slitting&Collating Machine

该设备可将单张纸分切成各种规格的卡片，同时完成整理和切边角，保证前后印刷顺序不变。主要应用于扑克牌、卡片的自动化生产，能够代替人工配牌、配卡，节约人力，提高生产效率，是牌、卡片行业的理想的生产设备。

The equipment can be used to cut paper/plastic sheets into cards of all sizes, finishing and punching at the same time to ensure that the order of printing is unchanged. The utility model is mainly used for automatic production of playing cards and game cards. The utility model can replace manual card matching and card collating, saves manpower and improves production efficiency, and is an ideal production equipment for the playing card and game card industries.

技术参数 / Technical Parameters

最大纸张	Max.paper size	1020 x 850mm
最小纸张	Min.paper size	470 x 360mm
精度	Accuracy	±0.15mm
最大卡片尺寸	Max.card size(customizable)	120 x 150mm
最大工作速度	Max.speed	4000sheets/h
纸张厚度	Paper thickness	180~450g/m²
电源	Power supply	3P 380V AC 50Hz
总功率	Total power	16.47kw
整机净重	Net weight	9.5T
外形尺寸	Dimension(L x W x H)	6200 x 6330 x 1850mm

操作速度依纸张品质情况而定。
具体数据如有改动，恕不另行通知，以实际机器为准。

Machine production speed depend paper quality and thickness.
Design and Specification are subject to change without notice,photos for reference only.

功能特点 / Features

1.效率高 / High efficiency

◆采用独特的上、下分层输送通道，双站点收集，生产速度达到3000张/小时。

◆独特的收集方式和伺服出牌系统保证牌、卡的顺序不乱、不丢，直接整齐有序输送到清角机完成清角，效率更高。

◆With a unique upper and lower layers of transport channel, double site collection, production speed of 3000sheets / hour.

◆Unique collection method and servo card system ensure that the order of cards and cards is not confused and not lost, and the order is directly and orderly transported to the cleaning machine to complete the cleaning angle, and the efficiency is higher.

2.稳定性好 / Good stability

◆机器的关键部件如墙板、凸轮等均选用优质钢材，加工中心制作。

◆机器高速运转部件如轴、辊等均选用优质钢材加工，并全部经过调质、定性、动平衡处理，保证机器长期高速运转的稳定性。

◆电机、输送带、链条等关键部件均选用国内知名品牌，轴承选用人本品牌、关键部位轴承选用NSK品牌.

◆气动元件均选用日本SMC品牌。

◆电器件均选用欧姆龙、施耐德、和泉、台达等名优产品。

◆伺服系统选用日本安川产品。

◆液压元件选用国内最好的华德品牌。

◆The key components of the machine such as wall and the cam are made of high quality steel, machining center.

◆The machine components such as shaft, roller are made of high quality steel processing, and all through conditioning, qualitative and dynamic balance, ensure the stability of long-term high speed operation of the machine.

◆The motor, belt, chain and other key components of domestic well-known brands, the key parts of bearings choose NSK brand.

◆The selection of Japanese SMC brand pneumatic components.

◆The electric parts are used famous products, such as OMRON, Schneider, Delta.

◆The servo system adopts Japan Yaskawa products.

◆The hydraulic components choose the best domestic brand howard.

3.精度高 / High accuracy

◆采用独特定位装置，纠偏范围大，调整方便。

◆ With unique positioning device, the range of rectification is large and the adjustment is convenient.
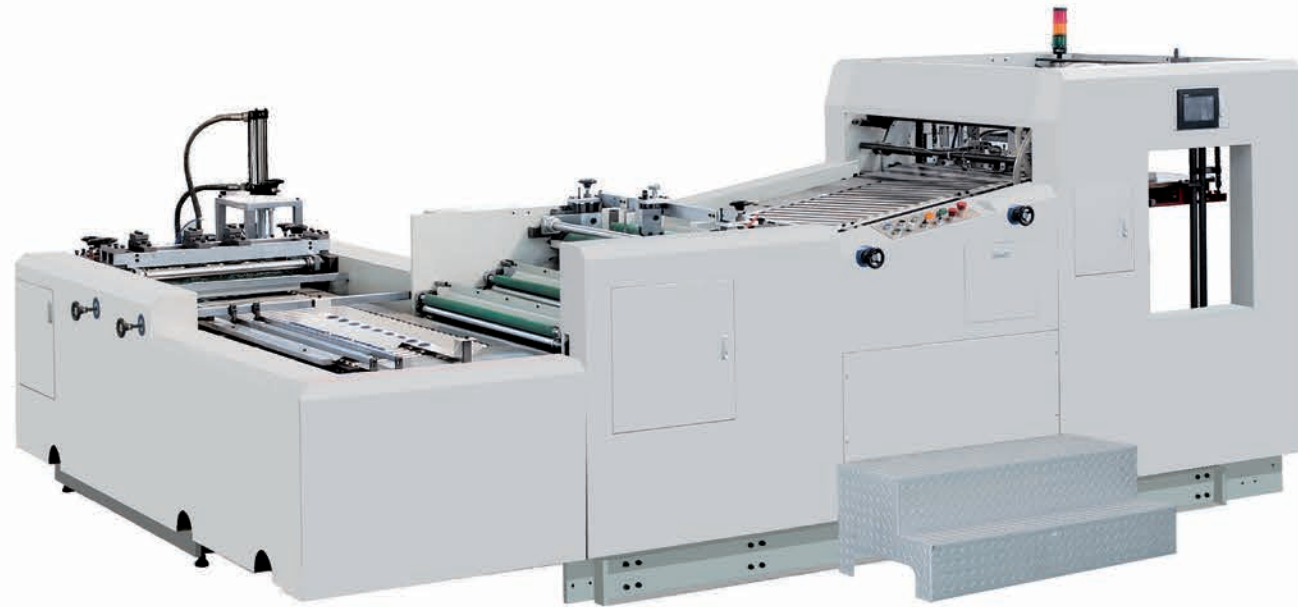
4.自动化程度高 / High degree of automation

◆此机可单独作为生产扑克或卡片的生产设备，也可连接本公司的光电分检机、裹包机实现分切、清角、分检、裹包（或透明纸包装）全部自动化联线生产，节省大量中间周转人员，减少了大量的劳动力，降低了生产成本，提高了企业的经济效益。

◆ This machine can be used as the production of poker or card production equipment, can also be connected to the company's photoelectric sorting machine, wrapping machine for cutting, cleaning, sorting, wrapping angle (or transparent paper packaging) all automated line production, save a large number of intermediate turnover personnel, reducing the amount of labor, reduce the the production cost, improve the economic efficiency of enterprises.

5.安全性、方便性 / Safety and convenience

◆可编程控制器PLC集中控制，配合人机界面，用以显示机器的操作状态、故障及其描述、操作要求。按照人机界面上的提示，触动相应的功能键就可以进行相应设置。

◆多处设有传感器和安全装置，保障机器正常工作和人身安全。各种故障进行动态监控，使排除故障及操作非常方便。

◆The programmable controller PLC centralized control, man-machine interface, to display the machine's operation status, fault and its description and operation requirement. According to the prompt on the man-machine interface, the corresponding functional keys can be correspondingly set.

◆It has many sensors and safety devices, guarantee the normal operation of the machine and personal safety. Various faults are monitored dynamically so that troubleshooting and operation are very convenient.

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Product Manuals
产品手册

FQ1020B 全自动卡片分切机（单层）

Automatic Card Slitting&Collating Machine（single）

该设备可将单张纸分切成各种规格的卡片，同时完成整理和切边角，保证前后印刷顺序不变。主要应用于扑克牌、卡片的自动化生产，能够代替人工配牌、配卡，节约人力，提高生产效率，是牌、卡片行业的理想的生产设备。

The equipment can be used to cut sheet sheets into cards of all sizes, finishing and trimming angles at the same time to ensure that the order of printing is unchanged. The utility model is mainly used for automatic production of playing cards and cards. The utility model can replace manual card matching and card matching, saves manpower and improves production efficiency, and is an ideal production equipment for the card and card industries.

技术参数 / Technical Parameters

最大纸张	Max.paper size	1020 x 850mm
最小纸张	Min.paper size	470 x 360mm
精度	Accuracy	± 0.15mm
最大卡片尺寸	Max.card size(customizable)	120 x 150mm
最大工作速度	Max.speed	2000sheets/h
纸张厚度	Paper thickness	200~450g/m²
电源	Power supply	3P 380V AC 50Hz
总功率	Total power	13.5kw
整机净重	Net weiht	8.1T
外形尺寸	Dimension(L x W x H)	4460 x 4280 x 2000mm

操作速度依纸张品质情况而定。
具体数据如有改动，恕不另行通知，以实际机器为准。

Machine production speed depend paper quality and thickness.
Design and Specification are subject to change without notice,photos for reference only.

功能特点 / Features

1.效率高 / High efficiency

◆采用独特的输送通道收集，生产速度达到1500张/小时。

◆独特的收集方式和伺服出牌系统保证牌、卡的顺序不乱、不丢，直接整齐有序输送到清角机完成清角，效率更高。

◆With a unique layers of transport channel collection, production speed of 1500 / hour.

◆Unique collection method and servo card system ensure that the order of cards and cards is not confused and not lost, and the order is directly and orderly transported to the cleaning machine to complete the cleaning angle, and the efficiency is higher.

2.稳定性好 / Good stability

◆机器的关键部件如墙板、凸轮等均选用优质钢材，加工中心制作。

◆机器高速运转部件如轴、辊等均选用优质钢材加工，并全部经过调质、定性、动平衡处理，保证机器长期高速运转的稳定性。

◆电机、输送带、链条等关键部件均选用国内知名品牌，轴承选用人本品牌、关键部位轴承选用NSK品牌.

◆气动元件均选用日本SMC品牌。

◆电器件均选用欧姆龙、施耐德、和泉、台达等名优产品。

◆伺服系统选用日本安川产品。

◆液压元件选用国内最好的华德品牌。

◆The key components of the machine such as wall and the cam are made of high quality steel, machining center.

◆The machine components such as shaft, roller are made of high quality steel processing, and all through conditioning, qualitative and dynamic balance, ensure the stability of long−term high speed operation of the machine.

◆The motor, belt, chain and other key components of domestic well−known brands, the key parts of the selection of bearings bearing brand, choose NSK brand.

◆The selection of Japanese SMC brand pneumatic components.

◆The electric parts are used, and, OMRON, Schneider, Delta and other famous products.

◆The servo system adoptsjapan Yaskawa products.

◆The selection of hydraulic components of the best domestic brand howard.

3.精度高 / High accuracy

◆采用独特定位装置，纠偏范围大，调整方便。

◆ With unique positioning device, the range of rectification is large and the adjustment is convenient.

4.自动化程度高 / High degree of automation

◆此机可单独作为生产扑克或卡片的生产设备，也可连接本公司的光电分检机、裹包机实现分切、清角、分检、裹包（或透明纸包装）全部自动化联线生产，节省大量中间周转人员，减少了大量的劳动力，降低了生产成本，提高了企业的经济效益。

◆This machine can be used as the production of poker or card production equipment, can also be connected to the company's photoe−lectric sorting machine, wrapping machine for cutting, cleaning, sorting, wrapping angle（or transparent paper packaging）all autom−ation line production, save a large number of intermediate turnover personnel, reducing the amount of labor, reduce the the production cost, improve the economic efficiency of enterprises.

5.安全性、方便性 / Safety and convenience

◆可编程控制器PLC集中控制，配合人机界面，用以显示机器的操作状态、故障及其描述、操作要求。按照人机界面上的提示，触动相应的功能键就可以进行相应设置。

◆多处设有传感器和安全装置，保障机器正常工作和人身安全。各种故障进行动态监控，使排除故障及操作非常方便。

◆The programmable controller PLC centralized control, man−machine interface, to display the machine's operation status, fault and its description and operation requirement. According to the prompt on the man−machine interface, the corresponding functional keys can be correspondingly set.

◆It has many sensors and safety devices, guarantee the normal operation of the machine and personal safety. Various faults are monitored dynamically so that troubleshooting and operation are very convenient.

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Product Manuals
产品手册

FJ5787 光电分检机
Automatic Cards Sorting Machine

机械的实际工作速度受诸多因素的影响，如纸张印刷后表面情况，与裹包机联线情况等等。机械只有在各种因素都处于最佳状态的情况下，才能达到最高速度。

The actual working speed of the machine is affected by many factors, such as the surface condition after paper printing, the connection with the wrapping machine and so on. Machinery can only reach the highest speed only when various factors are in their best condition.

技术特点 / Technical characteristics

1. 主要完成扑克牌（卡片）的自动输送、分点、工位移转等系列生产过程，实现了扑克牌（卡片）的自动分检。
2. 输送部采用脉冲输入型伺服电机有效控制停停，运动准确，平稳，配以高弹耐磨输送皮带，确保输送顺畅，无划伤现象。
3. 高感度光电计数准确，同时配以视觉检测系统确保分捡准确无误。
4. 人机界面参数设置方便快捷，故障自诊断功能，故障显示一目了然。
5. 工位移转采用高精准伺服减速电机控制运动，配以轻质机构设计，高速运转到位更准确。

1. mainly complete the automatic production of cards (cards), the transfer of points, stations and other production processes, the realization of Poker (cards) automatic inspection.
2. the conveyor adopts pulse input type servo motor to effectively control the stop and stop movement. The movement is accurate and stable. It is equipped with high elastic and wearable conveyor belt to ensure smooth transportation and no scratch.
3. high sensitivity photoelectric count, and with visual inspection system to ensure accurate sorting.
4. machine interface parameter setting is convenient and quick, the fault self diagnosis function, the fault display is clear.
5. position transfer adopts high precision servo motor to control movement, and it is designed with light mechanism. It is more accurate to operate at high speed.

技术参数 / Technical Parameters

工作速度	Work speed	2400 decks/Hour
电源	Power Supply	400V 50Hz TN 三相五线制 Three-phase five wire system
总功率	Total power	6kw
其中	Among	
主伺服电机	Main servo motor	3kw
点牌电机	Point motor	0.12kw
伺服电机	Servo motor	0.75kw（两个）（two）
废牌电机	Unlicensed motor	0.4kw
输送电机	Conveying motor	0.4kw
外型尺寸	Overall size	1380 x 1240 x 1700mm（单机主机）（stand-alone host）
		2200 x 620 x 680mm（联接架）（connecting rack）
整机净重	Net Weight of Machine	0.8T

操作速度依纸张品质情况而定。
具体数据如有搞懂，恕不另行通知，以实际机器为准。

Machine production speed depend paper quality and thickness.
Design and Specification aresubject tochange without notice,photos for reference only.

GB5787 全自动裹包机
Automatic Wrapping Machine

技术特点 / Technical characteristics

该设备是用来包装扑克的一种机器，它采用机械和电气一体化的先进模式。该机器运用了全球著名的传动装置、精确的胶水喷射系统和频率速度调节系统，从而保证了设备可靠的包装性能和稳定运作性能。

PLC可编程控制器建立了人机对话窗口界面，实现了操作简易化，高度自动化，生产高速化及产品质量可信度的提高。故障容易被检查，从而保证了生产的安全，促成了成本的降低，并且有效的提高了生产效率。

整机包括：扑克输送、折合裹包、牌盒输送、包裹输出、热熔胶封盒五个工作部分，所有传动部件都经过了抗氧化处理，并安装有安全防护门窗保证设备运转持久安全。

The equipment is a kind of machine used to pack poker. It adopts the advanced mode of mechanical and electrical integration. The machine uses the world's most famous transmission, precise glue injection system and frequency speed regulation system, thus ensuring the reliable packaging performance and stable operation performance of the equipment.
PLC programmable logic controller has set up the man-machine dialogue window interface, and has realized the simple operation, highly automated, high-speed production and product quality reliability improvement. The failure is easy to be inspected, thus ensuring the safety of production, contributing to the reduction of cost, and effectively improving the production efficiency.
The machine includes: conveying, wrapping, folding poker card box, package conveying output, hot melt adhesive sealing box five working parts, all drive components have been installed and anti-oxidation treatment, security doors and windows ensure equipment operation lasting security.

技术参数 / Technical Parameters

扑克尺寸	Poker size	87 x 57 x 16mm（可根据你的要求使用特别的规格） (you can use special specifications according to your requirements.)
单张扑克的厚度	The thickness of a single Poker	0.29mm（可根据你的要求使用特别的规格） (you can use special specifications according to your requirements.)
最快包装速度	Fastest packing speed	92付/分钟　　92 decks/min
整机功率	Power	4.2kw
加热功率	Heating power	2.5kw
熔合温度	Fusion temperature	160±5℃
机器外型尺寸	Machine size	3300 x 1850 x 2100mm
总重量	Total weight	3T

操作速度依纸张品质情况而定。
具体数据如有搞懂，恕不另行通知，以实际机器为准。

Machine production speed depend paper quality and thickness.
Design and Specification aresubject tochange without notice,photos for reference only.

透明纸包装机（内包/外包）

The File Wrapper Machine(inside/outside)

功能特点 / Features

透明纸包装机采用透明玻璃纸、BOPP薄膜对包装盒进行包装。

特点：

包装后的物品美观、大方，并对包装物起到防潮、防干燥，便于储存。广泛应用于食品、医药、日用化妆品、音像制品、娱乐等行业。

本机操作、维护简便，包装速度为40-180包/分钟，即可单机使用，也可与其它设备联机使用。本机具备拉线开包功能。通过包装透明纸，可提高商品的档次，增加经济效益。

本机与同类型的对比：

1.节省材料：本机单盒包装可以节省8-10%的透明膜；（见附图以扑克牌包装为例）；

2.速度快：本机的包装速度是同类机的1.6倍；

3.包装效果好，包装后外光平整美观，美容器具有停机排包功能的专利产品；

4.成品合格率高，与同类产品相比废品率下降5-10%；

5.本产品具有左右对称机型，连线生产操作简便，节省人力；

6.本产品性能稳定，可以长期高速连续运转。

Transparent paper packing machine is made of cellophane and BOPP film to pack the packing box.

Characteristic：

The articles after packing are beautiful and generous, and the packages are moisture-proof, dry proof and easy to store. Widely used in food, medicine, daily cosmetics, audio-visual products, entertainment and other industries.

The machine is easy to operate and maintain, and the packing speed is 40-180 packs per minute. It can be used by single machine and can be used on-line with other equipments. This machine has the function of wire pulling and unpacking. Through packing The paper can improve the grade of the commodity and increase the economic benefit.

This machine is in contrast to the same type：

1.saving materials: This machine can save 8-10% transparent film with single box packaging. (see figure for example, poker packaging)

2.speed: the machine's packaging speed is similar to the machine 1.6 times;

3.packing effect is good, after packing, the light is smooth and beautiful, and the beauty device has the patent product of stopping the package function;

4.the qualified rate of finished products, compared with similar products, waste rate decreased by 5-10%;

5.this product has symmetrical left and right models, wiring production, easy operation, save manpower;

6.the product performance is stable, can long-term high speed continuous operation.

连线方案：

①FQ1020全自动卡片分切机1台+光电分检机2台+裹包机1台+透明纸外包机1台

②FQ1020B全自动卡片分切机1台+光电分检机1台+裹包机1台+透明纸外包机1台

③FQ1020全自动卡片分切机1台+光电分检机2台+透明纸内包机1台

④FQ1020B全自动卡片分切机1台+光电分检机1台+透明纸内包机1台

Connection program：

①FQ1020 Automatic Card Slitting & Collating Machine 1 set + Automatic Cards Sorting Machine 2 sets + Wrapping machine 1set + The film wrapper machine(outside) 1 set

②FQ1020B Automatic Card Slitting & Collating Machine 1 set + Automatic Cards Sorting Machine 1 set + Wrapping machine 1set + The film wrapper machine(outside) 1 set

③FQ1020 Automatic Card Slitting & Collating Machine 1 set + Automatic Cards Sorting Machine 2 sets +The film wrapper machine(inside) 1set

④FQ1020B Automatic Card Slitting & Collating Machine 1 set + Automatic Cards Sorting Machine 1 set + The film wrapper machine(inside) 1 set

技术参数 / Technical Parameters

包装速度	Packing speed	40-180包/分钟(无极变速) 40-180 packs per minute (stepless speed change)
包装尺寸	Packing size	long 70-150mm wide 42-85mm high 8-40mm
整机功率	Power	2.7kw
外形尺寸(含传送带)	Overall dimensions (including conveyor belts)	3060 x 739 x 1600mm(长 x 宽 x 高) (L x W x H)

操作速度依据张品质情况而定。

具体数据如有搞懂，恕不另行通知，以实际机器为准。

Machine production speed depend paper quality and thickness.

Design and Specification aresubject tochange without notice,photos for reference only.

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Product Manuals
产品手册

PM1040 高速高精度喷码机
Digital Inkjet Printing Machine

收纸部
Delivery part

鱼鳞收纸
Scale delivery

烘干部
Drying part

在线监测系统
On-line inspection system
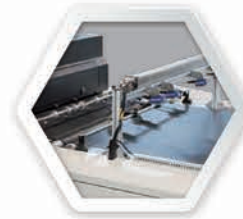
UV 喷印系统
UV Inkjet printing system

纠编定位部
Unique side guide part

自动给纸部
Automatic feeding part
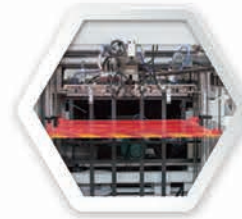
机械用途 / Briefing

主要应用于单张纸喷印一维码、二维码、文字及图形等可变信息数据的解决方案，适合医药包装、食品包装、烟酒包装等有可变信息监控的包装行业，彩票、门票、票据、制卡等领域。

For printing continually variable signal such as one-dimension code, two-dimension code , words and graph on sheet. It is for variable signal supervising industry such as pharmaceutical packaging, food packaging and other industry such as lottery, entrance ticket, bills and cards.

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Product Manuals 产品手册

功能特点 / Features

1.效率高 / High efficiency

◆采用印刷机飞达头，送纸机速度最快可达12000张/小时。
◆平台最高运转速度可达150m/min，满足未来更高喷印需求。
◆根据纸张大小可方便调整送纸张间距，提高机器效率。
◆纸堆高度与前后工序一致，保证高效率生产。
◆副给纸可实现不停机给纸。
◆Printing feeder, speed is up to 12000pieces/hour.
◆Platform maximum speed can reach 150m/min, to meet the needs of higher of higher jet printing in the future.
◆The distance of two sheets is adjustable according to paper size.
◆The pile height is the same as front and after process.
◆ Secondary feeding ensure the non-stop feeding.

2.稳定性好 High stability

◆输纸平台采用25毫米厚钢板结构，整体框架经抗震、减震优化设计，保证真空平台在运转过程中更稳固。
◆采用整幅宽幅进口输送皮带，保证纸张高速输送过程中平稳。
◆机器的关键部件如墙板、凸轮等均采用优质钢材，加工中心制作。
◆机器高速运转部件如轴、辊等均采用优质钢材加工，并全部经过调质、定性、动平衡处理，保证机器长期高速运转的稳定性。
◆输送带、链条等关键部件均采用国内知名品牌，轴承选用人本品牌，关键部位轴承选用NSK品牌。
◆电器均采用欧姆龙、施耐德、和泉、台达、西门子等著名产品。
◆减速电机均采用台湾城邦品牌。
◆Transportation platform is steel structure with thickness 25mm. The structure is shock resistance designed and tested to ensure the stability of running.
◆The transportation belt is one piece imported wide one to ensure the stability of the high speed sheets.
◆All the key steel parts, like steel wall plates, camshaft are high grade steel ones and machined in machining center.
◆High speed operation parts, like shafts, rollers are high grade steel ones and after thermal refining, and dynamic balance processing to make sure the stability when running in high speed.
◆Motors, conveyors, chains and so on are famous brand in domestic and overseas. Bearings are mostly from C&U Group, and other Key bearings from NSK.
◆Pneumatic parts are from SMC,Japan.
◆Electric parts are Omron, Schneider, IDEC, Delta, SIMENS and so on.
◆Servo Motor is from CPG,Taiwan.

3.精度高 High precision

◆采用独特定位装置，纠偏范围大，定位精度高，调整方便。
◆真空平台吸附区域达2600mmx1100mm，确保最大纸张在真空平台内吸附平整。
◆整机喷印精度前后左右，高达±0.1mm。
◆Unique positioning device provides large correction range and easily adjusting.
◆Vacuum sorption table is up to 2600mmx1100mm to ensure the sheet sorption flat.
◆Spray printing precision up to ±0.1mm.

4. 宽适应性 Wide adaptability

◆可适合薄纸、厚纸等喷码应用，纸张克重范围80~450g/m²，宽适应性。
◆最大纸张1040x1040mm，横竖走纸自由选择，国内首选。
◆Suitable for paper weight range 80~450g/m² .wide adaptability.
◆Maximum paper 1040x1040mm.free choice of paper direction.

5.稳定的喷印系统 Stable inkjet printing system

◆全进口工业压电式喷头，全金属设计，高寿命，低维护。
◆易学易用，调用简单方便。
◆采用工业级计算机，工业模块化标准设计，维护方便。
◆除粉装置：采用毛刷辊+电热压辊双重除粉，能有效地去除印刷时喷在纸品上的粉尘，并不对制品产生擦伤。调节轻松，以提高喷印质量和减少喷头的堵塞。
◆在线条码检测系统：对喷印的条码在线检测、报警、剔除。
◆Imported industry piezoelectric nozzle, full metal design, long service life, low maintain cost.
◆Easy to learn and use, the operation is easy.
◆Industrial computer, industrial modular standardization design makes maintenance easily.
◆Powder removing device:brush roller and electric hesting press roller, two power removing systems will remove the powder in the sheets and do not scratch it. Adjusting and operation is easy, improving the printing quality and reduce the jams of nozzle.
◆Online bar code checking system, checking the printed bar code online, alarm and get rid of it.

6.安全性、方便性 Safe and easy operation

◆可编程控制器PLC集中控制，配合人机界面，用以显示机器操作状态、故障及其描述、操作要求。按照人机界面上的提示，触动相应的功能键就可以进行相应设置。
◆多处设有传感器和安全装置，保障机器正常工作和人身安全。各种故障进行动态监控，使排除故障及操作非常方便。
◆可选配：除粉、上光及预码纸等装置，满足更多个性化需求。
◆PLC controlled together with man-machine interface to display the operation state, malfunction and its description and operation requirement. All the settings are displayed in the screen and changed by the function button according to instruction in the man-machine interface.
◆Many sensors and safe device, to make sure the machine runs well and safety of worker, All the malfunction will be displayed in the screen, it is easy to eliminate the problem.
◆Optional: powder removing part, polishing and pre stack of paper and other parts to meet more personalized needs.

技术参数 / Technical Parameters

喷墨系统主要技术指标 Technical parameters of inkjet system

设备型号	YC600R-UV	YC600M-4UV
喷头型号	日本理光Ricoh Gen5	日本柯美MEMS喷头，型号：M600SH
喷头使用寿命	喷印5亿个电子监管码以上	正常使用寿命3年以上
打印最大宽度	54毫米	43毫米
支持条码	各种常见一维条码和二维条码 二维码尺寸最小4mm，最大50mm	各种常见一维条码和二维条码 二维码尺寸最小4mm，最大42mm
打印最大长度	1000毫米	1000毫米
打印单元数	1-8组	1-8组
打印精度（DPI）	横向600DPI，纵向200-800DPI无级可调	横向600DPI，纵向200-900无级可调
最高速度	150米/分钟	160米/分钟
最佳工作速度	80-120米/分钟（因分辨率、承印物、UV固化能力的不同而有差异）	110-130米/分钟（因分辨率、走纸平台、承印物、UV固化能力的不同而有差异）
最佳工作分辨率	600x300 DPI / 600x400 DPI	600x300 DPI / 600x400 DPI / 600x600 DPI
每升墨水打印条码	200-300万个（对应9mm x 9mm的QRCode条形码）	300万个以上（对应9mm x 9mm的QRCode条形码）
条码级别	A级	数字、字母、图形；各种常见一维条码和二维条码：二维码支持QR-CODE、D-Matrix、PDF417等格式；二维码尺寸最小5mm，最大42mm
打印软件	易码喷专用排版打印软件	易码喷专用排版打印软件
接口类型	千兆以太网	千兆以太网
适合打印材质	各种纸张、金银卡纸、塑料、PVC/PP.PE薄膜等	各种纸张、金银卡纸、塑料、PVC/PP/PE薄膜等
墨水类型	环保型LEDUV固化油墨	环保型LEDUV固化油墨
打印颜色	单色	单色
喷头墨点大小		3.5-14 pl
打印材质方式		卷材或单张

UV-LED固化系统 UV-LED curing system

产品名称	LED UV 固化系统-日本理光喷头	LED UV 固化系统
UV=灯珠产地	LG	美国（英国）原装进口LED灯珠
单元照射宽度	75x85mm	散热功率：176W
灯组功率	≤500w	680W
紫外紫外光功率	6000mw	5100mW
控制技术	功率无级可调，与平台联动。	功率无级可调；与平台联动。
安全保护	超温报警并自动断电，高度电平，PLC控制	超温报警并自动断电。
驱动电路	衡流	采用进口电路驱动,确保输出衡流稳定,延长灯珠寿命。
散热	水冷/风冷散热系统	水冷/风冷散热系统
80米/分钟速度下累计能量密度		不小于30mj/cm²

在线检测系统主要技术指标 Technincal parameters of on-line inspection system

产品名称	Model	SE600m
最高检测速度	Max.detection speed	150米/分钟
CCD成像精度	CCD Imaging accuracy	0.063mm
可检测条码规格	Detectim code type	所有常见一维条码和二维码
产品最小间距	Min.spacing	5cm
支持条码种类	Types of supported codes	支持所有常见一维条码和二维码
读码检测	Detecton content	错码、漏码、重码报警剔除
显示剔度	Auto-reject wasted products	支持剔度功能
数据存储	Data storage	数据自动存储备份
操作系统	Operating system	WinXP或WIN7操作系统

亦可选激光检测头，只能检测一维码。Optional:laser detection,for one-dimeension

高速高精度输纸平台 High speed and high precision delivery platform

工作速度	Work speed	40-150m/min可调
最大纸张尺寸	Max.paper size	1040x1040mm
最小纸张尺寸	Max.paper size	400x360mm
纸张厚度	Thickness of paper	80-450g/m²
定位精度	Positioning accuracy	±0.1mm
总功率	Total power	12.5kw(含喷印固化功率)
整机净重	Weight	9.6T
电源	Power supply	3P 380V/50HZ N PE
外形尺寸	Dimension(L x W x H)	10200x2000x1800mm（不含踏板）
其他	Other	采用印刷机飞达、选配预码纸、除尘等装置

具体数据如有改动，恕不另行通知，以实际机器为准。
Design and Specification are subject to change without notice,photos for reference only.
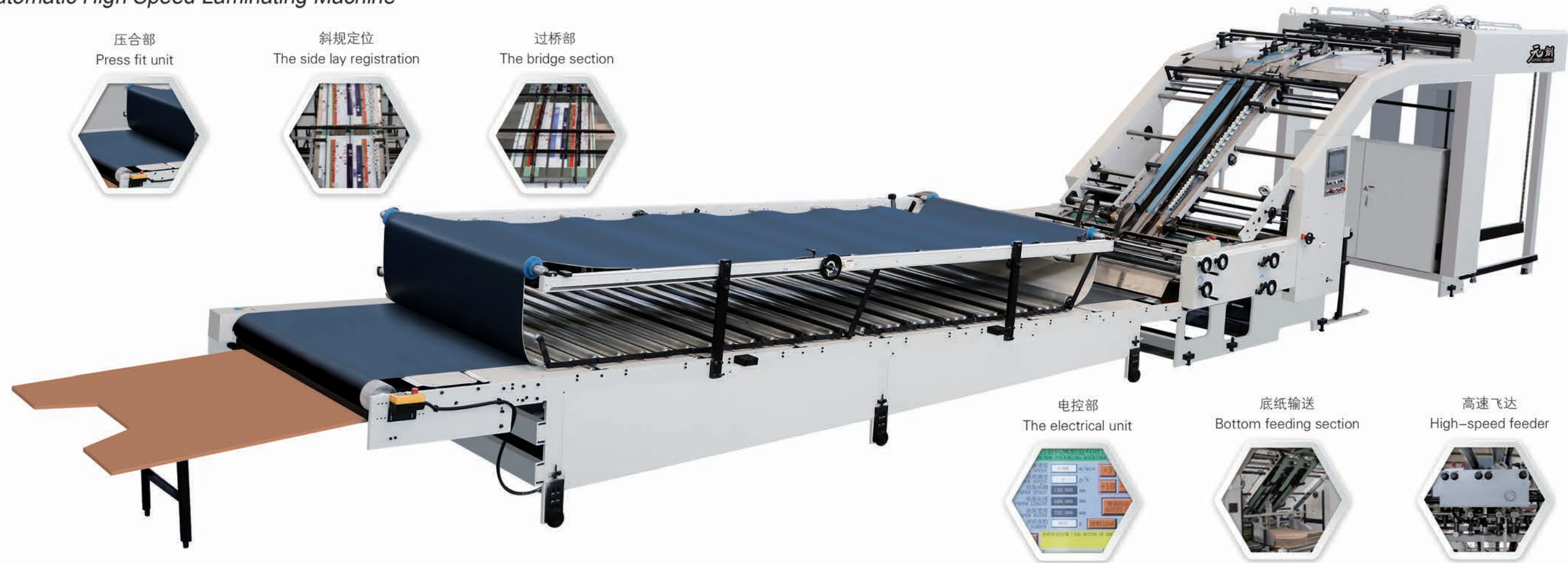
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Product Manuals 产品手册

YC146/166

全自动高速裱纸机
Automatic High Speed Laminating Machine

压合部
Press fit unit

斜规定位
The side lay registration

过桥部
The bridge section

电控部
The electrical unit

底纸输送
Bottom feeding section

高速飞达
High-speed feeder

技术特点 / Technical Characteristics

★ 裱纸最高速度160米/分钟；

★ 面纸定位纠偏采用独特的侧规装置（专利），快速、稳定；

★ 纸张尺寸自动调整；

★ 四个伺服电机通过运动控制器以总线控制方式实现联动，精准、高速、可靠。

★ Maximum speed of laminating: 160m/min;

★ The paper adopts unique side guide device (patent), which is fast and stable;

★ Automatic adjustment of paper size;

★ Four servo motors realize linkage by bus control through motion controller, which is precise, high-speed and reliable.
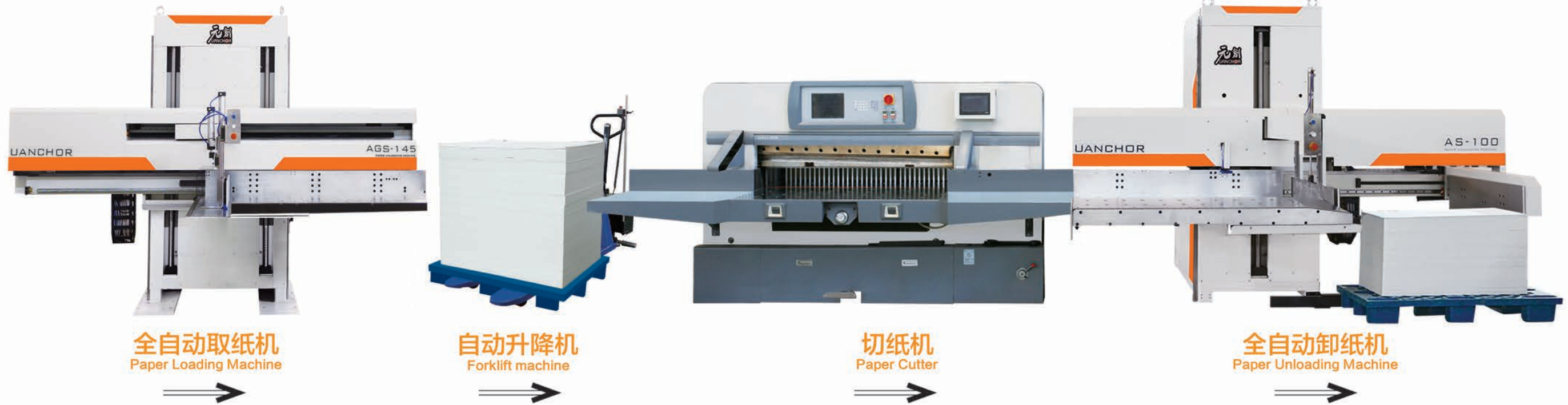
技术参数 / Technical Parameters

设备型号	Model	YC146	YC166
最大纸张尺寸	Max.sheet size	1450x1450mm	1650x1650mm
最小纸张尺寸	Min.sheet size	400x360mm	400x360mm
面纸厚度	Thickness of surface paper	180–450g/m²	180–450g/m²
适应底纸	Bottom paper	A、B、C、E、F型瓦楞纸板，厚度 ≤10mm	
最高速度	Max.speed	12000sheets/hour, 160m/min	12000sheets/hour, 160m/min
贴合精度	Laminating precision	±1.5mm	±1.5mm
功率	Power	20.75kw	24.85kw
重量	Weight	8000kg	9000kg
外形尺寸（不含预码纸）	Dimension(L x W x H) (pedal not included)	14x2.2x2.6m	14.4x2.4x2.6m

操作速度依纸张品质情况而定。

具体数据如有改动，恕不另行通知，以实际机器为准。

Machine production speed depend paper quality and thickness.

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Product Manuals 产品手册

AGS/AS
裁切配套系统
Cutting And Collecting Sheet System

全自动取纸机
Paper Loading Machine

自动升降机
Forklift machine

切纸机
Paper Cutter

全自动卸纸机
Paper Unloading Machine

全自动取纸机 Paper Loading Machine

全自动取纸机：适应于不同类型的纸堆自动取纸上机功能。在纸张裁切前解决人工上纸问题中被广泛应用，可迅速自动将纸堆中的纸张转移到工作平台上。纸张适应范围广、自动化程度高。应用"人机界面"显示机器的工作状态；对可编程控制器的输入点、输出点及各种故障进行动态监控，使排除故障及操作非常方便。极大的减少操作工人劳动强度，提高工作效率。

Paper Loading Machine adapts to different types of paper stack function.It is widely used to solve the problems of manual paper feeding before paper cutting,it can quickly and automatically transfer the paper to the working platform.Paper has a wide range of applications and high degree of automation.Applying interface to display the working state of the machine;dynamic monitoring input point、output point and various faults of PLC,make trouble clearing and operation very convenient.It greatly reduces the labor intensity of operators and improves the work efficiency.

技术参数 / Technical Parameters

设备型号	Model	AGS145	AGS165
最大纸张尺寸	Max.sheet size	1450x1100mm	1650x1320mm
最小纸张尺寸	Min.sheet size	560x450mm	560x450mm
一次装纸重量	Max.loading	≤200kg	≤250kg
取纸时间	Loading.time	25–60s/time	25–60s/time
最大纸堆高度（含托盘）	Max.staking.height	1600mm	1600mm
整机功率	Machine power	5.85kw	6kw
重量	Weight	2.9T	3.2T
外形尺寸	Dimension(L x W x H)	3270x2500x2400mm	3800x2700x2400mm

全自动卸纸机 Paper Unloading Machine

卸纸机：全自动卸纸能够自动的将纸张堆放整齐，操作者只需将切完的纸张放在卸纸机的工作台上，卸纸机会自动将纸张整齐的放在托盘上。全自动卸纸机可以提高工作效率，减轻操作者的劳动强度。全自动卸纸机不单只是提高裁切产量，堆纸整齐的功能给后续上机工作流程带来很大的方便。

Paper Unloading Machine: Automatic paper unloading can automatically stack the paper neatly. The operator only needs to place the cut paper on the worktable and the unloading machine automatically places the paper on the tray neatly. Paper Unloading Machine can improve work efficiency and reduce the labor intensity of operators.Paper Unloading Machine not only improves the cutting output, but also brings great convenience to the following work flow.

技术参数 / Technical Parameters

设备型号	Model	AS100	AS145	AS165
最大纸张尺寸	Max.sheet size	1200x900mm	1450x1100mm	1650x1250mm
最小纸张尺寸	Min.sheet size	400x400mm	450x450mm	450x450mm
最大码纸高度	Max.pile height	1650mm（含木托）	1650mm（含木托）	1650mm（含木托）
单次卸纸高度	Single unloading height	40–160mm	40–160mm	40–160mm
最大纸堆重量	Single max.unloading weight	150kg	250kg	300kg
卸纸时间	Paper unloading time	18–42s/time	22–46s/time	26–50s/time
最小离地高度	Min.terrain clearance	150mm	150mm	180mm
功率	Power	2.7kw	4.2kw	5kw
重量	Weight	1100kg	1600kg	3000kg
外形尺寸	Dimension(L x W x H)	3000x2200x2200mm	3570x2430x2200mm	3960x2510x2220mm

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Product Manuals
产品手册

QF1080B+S+M

全自动清废机+机械手+自动码垛机
Automatic Blanking Machine(Robot Arm、Automatic Stack Loader)

自动升降机 Forklift Machine

1、具备普通液压叉车和自动升降机的双重功能，使用位置可根据需要随意移动。
2、配备光电式纸堆高度自动追踪系统，确保取纸后纸堆自动上升至设定高度。
3、采用多级伸缩式液压缸，可自动升降，稳定可靠无噪音。
4、货叉最大高度800mm，额定承载能力750kg，蓄电池容量/电压：60Ah/12V。

1、It has dual functions of common hydraulic forklift and automatic lift, and its position can be moved according to need.
2、Equipped with photoelectric automatic height tracking system to ensure that the stack automatically rises to the set height after taking out the paper.
3、Equipped with multi-stage telescopic hydraulic cylinder, it can automatically lift, stable, reliable and noise-free.
4、Electric lifting, manpower moving,a charge can be used for a long term.

技术参数 / Technical Parameters

额定承载能力	Max.loading	1000kg
货叉最大高度	Max.height	800mm
货叉最低高度	Min.height	90mm
泵站功率	Pumping station power	800W/12V
蓄电池容量/功率（Ah/V）	Capacity/power	60Ah/12V
叉子宽度	Fork width	540mm
叉子长度	Fork length	1160mm
叉子间距	Fork spacing	220mm
托盘最低离地高度	Min.height of pallet off the ground	100mm
净重(kg)	Net weight	160kg
外形尺寸	Dimension(L x W x H)	1750x600x1250mm

操作速度依张纸品质情况而定。
具体数据如有改动，恕不另行通知，以实际机器为准。
Machine production speed depend paper quality and thickness.
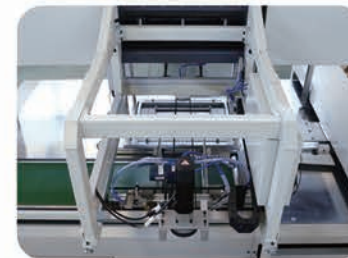Design and Specification are subject to change without notice,photos for reference only.

局部说明 / Partial Description

机械手、自动码垛机的特点
提高劳动效率、降低劳动强度、节约人力成本。

Characteristics of Robot Arm and Automatic Stack Loader Improve labor efficiency, reduce labor intensity and save labor costs.

技术参数 / Technical Parameters

机械手	Robot Arm	QF1080S
最小取纸尺寸	Min.paper size	70x70mm
最大取纸尺寸	Max.paper size	300x300mm
功率	Power	1.5kw
自动码垛机	Automatic Stack Loader	QF1080M
收纸整版尺寸	Paper receiving size	920x900x1100mm
码垛厚度(单次)	Palletizing thickness (single)	60–100mm
功率	Power	3.7kw
外形尺寸	Dimension(L x W x H)	3000x2500x2200mm
空气压缩机	Air compressor	排气量＞0.1m³/分钟; 工作压力:0.8MP(用户自备)

操作速度依张纸品质情况而定。
具体数据如有改动，恕不另行通知，以实际机器为准。
Machine production speed depend paper quality and thickness.
Design and Specification are subject to change without notice,photos for reference only.

QF1080B 全自动清废机
Automatic Blanking Machine

技术参数 / Technical Parameters

设备型号	Model	QF1080B
最大压力	Max.pressure	7Mpa
速度	Speed	Blanking Speed 500~1500 times/hour
最大清废尺寸	Max.blanking size	520x380mm
最小清废尺寸	Min.blanking size	30x30mm
最大工作厚度	Max.blanking thickness	Thickness 60mm~120mm(50~200张)
操作系统	Operation system	PLCcontrolled
最大纸张幅面	Max.paper size	1080x780mm
最小纸张幅面	Min.paper size	540x410mm
外形尺寸	Dimension(L x W x H)	3300x1750x1900mm
整机功率	Machine power	4.2kw

操作速度依纸张质量情况而定。
具体数据如有改动，恕不另行通知，以实际机器为准。

Machine production speed depend paper quality and thickness.
Design and Specification are subject to change without notice,photos for reference only.

特点说明 / Brief Introduction

全自动清废机：主要用于印刷厂纸类及PP类吊牌，烟包、药包、食品包装、化妆品包装盒、纸盒等模切后的清废，压力大，精度高，速度快。

Automatic Blanking Machine: This machine is used for blanking the finished cardboard, plastic and leathers which processed by die cutting machine. With compact structure, high pressure and precision, it is easy for operation with reliable quality to lower the working intensity and labor cost. This machine is suitable for printing, packaging and plastic industry, high speed.

QF1080C 全自动清废机
Automatic Blanking Machine

技术参数 / Technical Parameters

设备型号	Model	QF1080C
最大压力	Max.pressure	7Mpa
速度	Speed	Blanking Speed 500~1500 times/hour
最大清废尺寸	Max.blanking size	520x380mm
最小清废尺寸	Min.blanking size	30x30mm
最大工作厚度	Max.blanking thickness	Thickness 60mm~120mm(50~200张)
操作系统	Operation system	PLCcontrolled
最大纸张幅面	Max.paper size	1080x780mm
最小纸张幅面	Min.paper size	540x410mm
外形尺寸	Dimension(L x W x H)	4310x1750x1950mm
整机功率	Machine power	6.7kw

操作速度依纸张质量情况而定。
具体数据如有改动，恕不另行通知，以实际机器为准。

Machine production speed depend paper quality and thickness.
Design and Specification are subject to change without notice,photos for reference only.

产品亮点：本设备适用于对叉产品和一张板上有两种不同形状或尺寸不同的产品
This machine is suitable for cross products and products with two kinds of different shapes or different sizes.

特点说明 / Brief Introduction

全自动清废机：主要用于印刷厂纸类及PP类吊牌，烟包、药包、食品包装、化妆品包装盒、纸盒等模切后的清废，压力大，精度高，速度快。

Automatic Blanking Machine: This machine is used for blanking the finished cardboard, plastic and leathers which processed by die cutting machine. With compact structure, high pressure and precision, it is easy for operation with reliable quality to lower the working intensity and labor cost. This machine is suitable for printing, packaging and plastic industry, high speed.

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Product Manuals
P产品手册

FZS1200 (Full Automatic)
FZ1200 / 1200A / 1450 / 1700
纸堆整理机
Pile Turner

除尘 Dedusting
齐纸 Aligning
松纸 Loosing
翻转 Turning

FZ 1200
PAPER STACKING AND FINISHING MACHINE

专利号（Patent No）：ZL 2010 20104025.3

机械用途 / Briefing

该设备主要应用于印刷、包装加工行业，对纸堆进行除尘、松纸、齐纸、翻转等整理工作。是提升印刷、印后流程效率必不可少的设备，**纸堆整理机（翻转机）行业标准制定者。**

This machine is mainly used in printing and packaging industry, for pile turning, aligning, dust removal etc. It is a necessary equipment to improve the work efficiency and printing quality.

局部说明 / Unit Description

高压鼓风机
High Pressure Air Blower
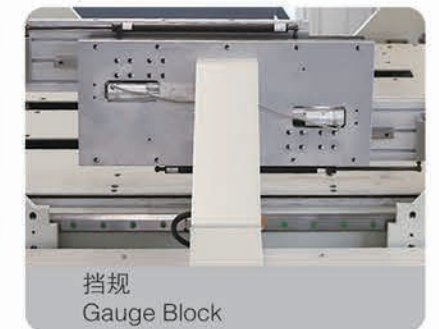
翻转机构
Turning Unit

进口液压缸
Imported Hydraulic Cylinder

振动托盘
Vibration Tray

液压站
Hydraulic Station

挡规
Gauge Block

功能特点 / Features

1、除粉尘 Dust removing

◆ 可清除纸毛、纸屑、纸尘、印刷喷粉等杂质。

◆ 印刷前使用，可清除纸毛、纸屑、纸尘等杂质，改善待印纸张的表面质量，提高印刷质量，降低印刷过程中的废品率80％左右。

◆ 印刷后使用，可清除喷粉、加快油墨干燥，防止粘张、背后蹭脏等质量问题的发生。

◆ 减少了纸毛、纸屑等杂质进入印刷机的情况，延长了印刷机的寿命。

◆ It can remove the impurities such as paper fibers, paper scraps, and printing powders.

◆ Before printing: The machine can be used for removing the paper fibers, paper scraps and dust to improve the printing quality and reduce the defection rate about 80%.

◆ After printing: The machine can remove the printing powders, give a fast dry to the ink and prevents sticking together as well as paper back pollution.

◆ It can stop impurities such as paper fibers, paper scraps go into the printing machine to increase the service life of printing machine.

2、松纸 Paper separation

◆ 通过振动、吹风起到松纸作用，减少双张、纸张粘连，减少停机次数，提高生产效率。

◆ After the vibration and air jetting, the pile is filled with air cushion between the sheets by which the mis-feeding and double sheeting be can avoided.

3、齐纸 Aligning

◆ 通过振动托盘和高压吹风装置，可以把整架纸一次性整齐，代替人工码纸。

◆ With the vibration platform and high pressure air jetting,the whole pile paper can be aligned at one time.

4、翻转 Turning

◆ 用于双面印刷的纸堆翻转，极大提高工作效率。人手翻纸对体力消耗非常大，可以将员工从这种繁重的体力劳动中解脱出来，给员工创造较好的工作环境。

◆ For the piles of double-sided printing paper, the pile turning will improve the work efficiency and lower the intensity of work. The working environment will be much better for workers.

5、效率高、操作简便 High efficiency and easy operation

◆ 平均3分钟完成纸堆的翻转、除粉尘、齐纸过程。

◆ 无需专业人员操作。

◆ For average, the processes of pile turning, powder removing, separation of paper and aligning only needs about 3 minutes.

◆ Easy for operaiton. No need of special training for operation.

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Product Manuals
产品手册

技术参数 / Technical Parameters

机械数据 Parameters

型号 Model	FZS1200(Auto)	FZ1200	FZ1200A	FZS1450(Auto)	FZ1700
最大纸堆（含托盘）Max.weight of pile(+pallets)	1200kg	1200kg	1400kg	1600kg	2500kg
最大纸张尺寸 Max.paper size	1200×800mm	1200×800mm	1200×800mm	1450×1100mm	1700×1200mm
夹板间距 Opening width	Max.1600mm	Max.1640mm	Max.1920mm	Max.1640mm	Max.1900mm
	Min.840mm	Min.760mm	Min.920mm	Min.760mm	Min.1200mm

电器数据 Electrical data

功率 Total power	12kw	9kw	9kw	12kw	17kw
电源 Power supply	3P 380V AC 50Hz				

液压 Hydraulic

压力 Pressure	Max. 16MPA
	液压油夏天用46 # 冬天用32 # Hydraulic oil Summer46 # Winer32 #
	液压油箱的容量 12升 Volume of oil tank 12升

一般参数 General parameter

机器净重 Net weight	3050kg	2800kg	3600kg	4000kg	4500kg
外形尺寸 Dimension(LxWxH)	2.5×2×2.1m	2.37×2.09×2.1m	2.9×2.4×2.2m	2.5×2×2.3m	3.17×2.55×2.4m
噪音 Noise	< 80 分贝 decibel				

工作环境 Working environment

温度 Temperature	+ 12℃ ~ + 45℃
湿度 Humidity	干燥通风 相对湿度不超过 50% 无凝露 Ventilantion and dry relative humidity less than 50%
地面 Ground	地面水平、地基坚固 Ground level and ground

操作速度依纸张品质情况而定。
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Machine production speed depend paper quality and thickness.
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合作伙伴