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三五七层瓦楞纸板生产线

3/5/7 ply corrugated cardboard production line



用途与特点：

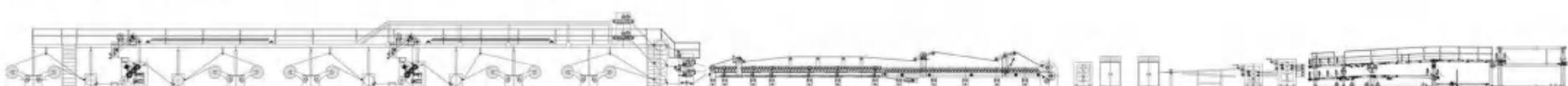
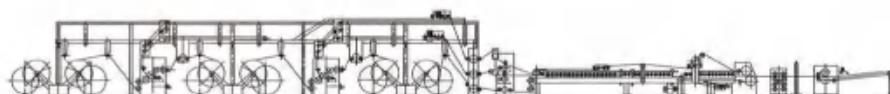
五层瓦楞纸板生产线适合大批量自动化生产。生产出的纸板符合国家标准，生产效率高，纸板质量好，采取集中控制，操作简便，维修方便，安全可靠，大大降低了工人劳动强度。该生产线采用目前国际最新节能方式，用高温导热油给整机提供热源，比其他加热方式节约能源40%以上，大大降低了能耗，有效的压缩了生产成本，是当今经济型的理想产品，适合大中型纸箱厂使用。

- 一、整机总长度40-70米。
- 二、整机总动力约100-200kw。
- 三、有轴支架、无轴支架两种，供客户选择。
- 四、瓦楞机：瓦楞辊直径280mm-406mm，采用电磁调速电机。
- 五、二次涂胶机：调整方便，涂胶均匀。
- 六、烘干机：总长度7.8米，由9-18块加热板组成。
- 七、定型部分：由若干对成型轴组成，总长度约3.8-5米。
- 八、纵、横切机：根据用户要求可选装超薄刀机或普通刀机两种，自动化程度高，操作简便。

Use and Characteristics:

This production line is available in large amount automatic production, which can produce corrugated paperboard correspond to national standard with high quality, and adopted concentrated control, operated and repaired easily, safely, reliable, reducing manpower. This production line adopts international energy saving technology with oil heating, which can saveing 40 percents energy than steam heating. So this can reduce costs effectively. It's an economical production in big, middle paperboard company.

- 1. Total Length: 40-70m
- 2. Total Power: 100-200kw
- 3. Two kind of frame with shaft and frame without shaft, provide the customer with the choice,
- 4. Corrugated paperboard marching: diameter of corrugated rouer: 280-406mm; electric adjust speed motor used,
- 5. Double cylinder gum mounting marching: On the adoption, inside two layers draw the gun, descend to carry the paper lead the paper roller,
- 6. Oven: total length 7.8m, combined with 9-18 heating flocks,
- 7. Setting Part: total length 3.8-5 m, combined with some pairs of symmetrical shafts,
- 8. Horizontal,Lengthways slicing marching: Common knife or superthin knife selected based on customer's demand,high automatically, handy operating,



SF-360E (320E)

抽屉式单面瓦楞机 Cassette single facer



用途与特点:

- 1、360E设计速度：200m/min; 320E设计速度：180m/min
- 2、有效幅宽：1400mm–2200mm
- 3、楞辊：φ360mm/φ320mm。
- 4、采用负压式设计，使芯纸能均匀受压并贴附于瓦楞表面，均匀地涂上胶水，使单面瓦楞纸贴合情况更好。
- 5、快速换辊，10分钟，更换瓦楞辊时以电动台车拖载，送入机器内，固定于机器底座上，快速轻松地完成瓦楞辊更换。
- 6、瓦楞辊、瓦力辊等采用了具有高稳定性的气囊控制系统。
- 7、上胶量控制采用电动调整，隔胶装置电动，涂胶系统在主机停止时可独立运转，防止胶水枯竭。
- 8、移动式的上胶系统，除清洗方便外，更有利于保养，维修工作。
- 9、简单的操作控制系统，触摸屏操作界面，配合彩色画面显示操作状态，操作简便。
- 10、内置预调器带喷雾系统，调节芯纸温度和水分。

Use and Characteristics:

1. 360E design speed: 200m/min 320E design speed: 180m/min
2. Effective width: 1400mm–2200mm
3. Corrugated roller diameter: φ360mm φ320mm
4. Adopt negative pressure type design, so that the core paper can be uniformly pressed and attached to corrugated surface, evenly coated with glue to make the single corrugated corrugated paper better.
5. Fast change roller, 10 minutes, replace the corrugated roller with electric trolley, into the machine, fixed on the machine base, quick and easy to replace the corrugated roll.
6. Corrugated roller and wall-e roller are adopted with high stability air bag control system.
7. The control of glue volume control adopts electric adjustment, the rubber device is electric, and the gluing system can operate independently when the host stops, preventing the glue from drying up.
8. The portable gluing system is more convenient for maintenance and maintenance than cleaning.
9. Simple operation control system, touch screen operation interface, display operation state with color drawing, easy to operate.
10. Built-in preset with spray system to adjust core paper temperature and moisture.

SF-320C (360C)

吸附式单面瓦楞机 Fingerless adsorption single facer



用途与特点:

- 1、SF320C设计速度：150m/min SF360C设计速度：200m/min
- 2、有效幅宽：1400mm–2200mm
- 3、楞辊：φ320mm/360mm
- 4、驱动减速箱采用浸油润滑，减小噪音，万向节传动，隔离动力源（选装）。
- 5、上瓦辊、压力辊、涂胶辊升降，均以气动控制。
- 6、导纸方式采用真空吸附，带风量调节装置，保持高速状态下瓦楞成型的稳定。
- 7、瓦辊、压力辊轴承采用耐高温润滑油润滑。
- 8、涂胶部采用自动循环供胶。
- 9、上下瓦楞辊采用48CrMo优质合金钢，经过热处理，硬度在HV1200以上，表面碳化钨或镀硬铬处理。
- 10、涂胶辊表面经过网纹刻花及镀铬处理。
- 11、手动或电动隔胶装置。
- 12、涂胶部停机可独立运转或不独立运转两种方式。

Use and Characteristics:

1. Design speed of SF320C: 150m/min SF360C design speed: 200m/min
2. Effective width: 1400mm–2200mm
3. Corrugated roller diameter: φ320mm φ360mm
4. Drive the gearbox to lubricate the oil, reduce the noise, the universal joint drive, and isolate the power source (optional).
5. Upper roller, pressure roller and rubber roller lift, all with pneumatic control.
6. The guide paper adopts vacuum adsorption, with air volume adjustment device, to maintain the stability of corrugated and corrugated form at high speed.
7. The roller and pressure roller bearings are lubricated with high temperature resistance grease.
8. The glue is used for adhesive.
9. The upper and lower corrugated roller adopts 48CrMo high quality alloy steel, after heat treatment, hardness is above HV1200, surface carbonized tungsten or hard chromium plating treatment.
10. The surface of the rubber roller is treated with the mesh cut and chrome plating.
11. Manual or electric separation device.
12. The glue department can be operated independently or independently in two ways.

SF-280S

吸附式单面瓦楞机 Fingerless adsorption single facer



用途与特点:

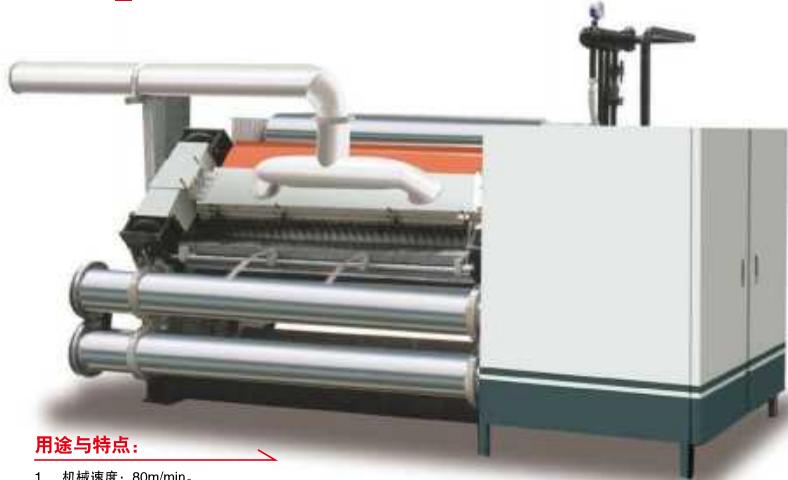
1. 设计速度: 100m/min。
2. 有效幅宽: 1400mm~1800mm。
3. 楔 齿: ϕ 280mm。
4. 驱动减速箱采用浸油润滑，减小噪音，万向节传动，隔离动力源。
5. 上瓦辊、压力辊、涂胶辊升降，均以气动控制。
6. 导纸方式采用真空吸附，带风量调节装置，保持高速状态下瓦楞成型的稳定。
7. 瓦辊、压力辊轴承采用耐高温润滑油润滑。
8. 涂胶部分采用自动循环供胶。
9. 上下瓦楞辊采用48CrMo优质铬钼合金钢，经过热处理，硬度在HRC58~60°表面经研磨。
10. 涂胶辊表面经过网纹刻花及镀铬处理。
11. 手动或电动隔胶装置。
12. 涂胶部停机可独立运转或不独立运转两种方式，主机电变频控制（选装）。

Use and Characteristics:

1. Design speed: 100m/min.
2. Effective width: 1400mm~1800mm.
3. Corrugated roller: ϕ 280mm.
4. The driving reducer adopts oil penetration lubrication, reducing noise, universal joint drive and isolating power source.
5. Upper roller, pressure roller and rubber roller lift, all with pneumatic control.
6. The guide paper adopts vacuum adsorption, with air volume adjustment device, to maintain the stability of corrugated type in high speed.
7. The roller and pressure roller bearings are lubricated with high temperature resistance grease.
8. The gelatinize part adopts automatic circulation for glue.
9. The upper and lower corrugated roller adopts 48CrMo high quality chromium aluminum alloy steel, after heat treatment, the hardness is grinding on the surface of hrc58~60°.
10. The surface of the rubber roller has been treated with the mesh cut and chrome plating.
11. Manual or electric separation device.
12. The machine can operate independently or without independent operation, and the main power converter control (optional).

SF-280A

热交换单面机 Heating exchange single facer



用途与特点:

1. 机械速度: 80m/min。
2. 有效幅宽: 1400mm~1800mm。
3. 采用罩吸式结构，配高压强力风机，吸风配消音装置。
4. 墙板铸铁结构，墙板厚度130mm。独立变速箱，万向轴传动。
5. 瓦楞辊材质采用48CrMo合金钢，经调质、中频淬火，表面磨光镀铬，瓦楞主辊直径 ϕ 280mm，表面硬度HRC58度以上。
6. 瓦楞辊与压力辊采用气囊式加压，缓冲减震，使用寿命长。
7. 气动控制给胶、退胶，涂胶辊直径 ϕ 215mm。表面经磨光后可有凹坑式网纹加工后镀硬铬处理，刮胶辊表面经磨光后镀硬铬处理。
8. 采用四组电热管加热导热油，加热快，不需要加热炉，温度自动控制和分两组控制。
9. 导热油强力闭环循环，系统压力低，无泄漏，热量循环利用，热能损失少。
10. 热辊内安装鼠龙式结构搅拌环，热效率高，滚筒受热均匀，瓦楞成型好。
11. 热交换式单面机经济环保无污染，占地面积小，特别适用于中小型企业生产。

Use and Characteristics:

1. Mechanical speed: 80m/min.
2. Effective width: 1400mm~1800mm.
3. Adopt the hood type structure, with high pressure and powerful fan, and the air absorption and silencing equipment.
4. Wall cast iron structure, wall thickness 130mm. Independent gearbox, universal shaft drive.
5. he material of corrugated roller is 48CrMo alloy steel, which is tempered by adjustment, medium frequency quenching, surface polishing and chrome, the diameter of corrugated main roller is phi 280mm, the surface hardness HRC58 degree above.
6. Corrugated roller and pressure roller adopt airbag type pressure, cushion shock absorption, long service life.
7. Pneumatic control for glue, degumming, gluing roller diameter phi 215mm. After the surface has been polished, it can be treated with the hard chromium plating after the surface of the grooves. The surface of the rubber roller has been polished and treated with hard chromium plating.
8. Four sets of electric heat pipes are used to heat and heat the oil, heating fast, without heating furnace, automatic temperature control and control of two groups.
9. Strong closed-loop cycle of thermal conduction oil, low system pressure, no leakage, heat cycle utilization, less heat loss.
10. The rodent structure stirring ring is installed in the hot roller, the heat efficiency is high, the drum is hot and even, corrugated forming well.
11. The economical and environmental protection of the hot exchange single-side machine is small, which is especially suitable for small and medium-sized enterprises.

ZJ-V5B (V6B)

液压无轴纸架 Hydraulic mill roll stand



用途与特点:

- 采用双辊筒对称四支臂结构，可同时支撑两卷原纸。
- 通过液压传动方式，实现对纸卷的夹紧、升降、纠偏等动作。
- 顶尖尾部采用多点刹车或手动张力制动器，顶尖采用齿形夹头，减少纸张浪费。
- 原纸幅宽从1200mm~2800mm，支承原纸直径1500mm。
- 最大重量：V5B: 2.5T V6B: 3.5T。
- 主轴直径：Φ 242mm/ Φ 270mm



Use and Characteristics:

- Using double - rod cylinder symmetry four arms structure, can support two volumes of original paper at the same time.
- Through the hydraulic transmission mode, the clamping, lifting and deviation of the paper roll are realized.
- The top end adopts multi-point brake or manual tension brake. The top adopts the tooth-shaped chuck to reduce the waste of paper.
- The width of the original paper is from 1200mm to 2800mm and the diameter of the supporting paper is 1500mm.
- Maximum weight: V5B: 2.5t V6B: 3.5t.
- Spindle diameter: Φ 242mm/ Φ 270mm



ZJ-F

电动无轴纸架 Electric mill roll stand

用途与特点:

- 原纸直径1400mm
- 最大重量2T
- 采用单滑道对称四支臂结构，可同时支撑两卷原纸
- 气动单点刹车
- 臂的夹紧、旋转机械设有衡定扭力离合器，操作安全可靠。

Use and Characteristics:

- The diameter of the original paper is 1400mm
- Maximum weight 2T
- Using single slide symmetry four arms structure, two rolls of original paper can be supported at the same time
- single point pneumatic brake
- The clamping and rotating machinery of the arm has a fixed torque clutch, which is safe and reliable.

MH-1100T

多重预热器 Preheater



用途与特点:

- 预热辊直径：Φ 600mm、Φ 900mm、Φ 1000mm、Φ 1100mm任选。
- 有效幅宽：1400mm~2500mm
- 电动包角，调整范围360° 任意旋转，可选配2根包角轴，增大包角面积。
- 各辊表面经精密磨削镀硬铬处理，光洁，耐用。
- 采用碟型封头设计，保证原纸受热均匀。
- 可单层或多层配置。

Use and Characteristics:

- Diameter of preheating roller: phi 600mm, phi 900mm, phi 1000mm, phi 1100mm optional.
- Effective width: 1400mm~2500mm
- Electric Angle, adjusting range of 360 ° arbitrary rotation, optional 2 root Angle shaft, increasing the Angle area.
- The surface of each roll is precision grinding and hard chrome treatment, clean and durable.
- Use disc seal head design to ensure that the original paper is evenly heated.
- Single or multi-layer configuration.

GM-E

重型二层涂胶机 Duplex gluing machine



用途与特点:

- 设计速度250m/min，上浆辊直径320mm
- 每层糊轮的转动均由变频电机单独控制，由变频器控制即保证每层糊轮线速的同步，又可以单独运转。
- 因每层糊轮的转动由变频电机单独控制，故此在上浆辊翻新后仍可以由变频器调控每层糊轮同线速。
- 上糊量和控糊量的控制可分手动和自动两种。
- 手动时根据速度来点动电机达到所需的控糊量。
- 自动时根据速度的变化由编码器和PLC自动控制完成并有人机界面显示数值，确保瓦楞机在高、低速运转时所需要的上糊量保证见坑纸质量的稳定性。
- 停机时，触压辊自动抬起，浆辊（糊辊）将自动空转。
- 可选择压辊加压或弹性触压模加压方式。

Use and Characteristics:

- Design speed of 250m/min, with a diameter of 320mm
- The rotation of each layer of pasting wheel is controlled by the inverter motor, which is controlled by the frequency converter to ensure the synchronization of each layer of paste speed and can be operated separately.
- Since the rotation of each layer of the paste wheel is controlled by the variable frequency motor, it can still be controlled by the frequency converter with the same speed on the same line as the converter.
- The control of the amount of paste and the amount of control can be separated and automatic.
- According to the speed of the moving motor to achieve the required amount of control.
- According to the variation of speed automatically when completed by coder and PLC automatic control and man-machine interface display values, to ensure that the corrugated machine at high and low speed see paste on the amount needed to ensure the stability of the pit of paper quality.
- When the roller stops, the roller will lift automatically, and the roller will be automatically idled.
- Optional roller compression or elastic contact pressure.

SM-E

双面机 Double facer



用途与特点:

- 设计速度: 200~250m/min, 幅宽1800mm~2500mm
- 人机界面PLC自动控制，自动切换加热板数量以及压力大小，以保证适应各种不同克重楞纸的楞峰完好。
- 加热板表面经眼膜处理并镀硬铬。宽600mm。18~22块选择。
- 热段采用热压板结构，可根据生产纸板厚度，分段气动调整压力（选装）。
- 上棉织带采用双气缸S型棉织带张紧装置，选择手动或自动送带纠偏装置。
- 驱动部采用独立变速箱。电磁调速电机或变频电机驱动。
- 驱动辊表面包附耐磨橡胶，呈人字型结构，并带中高，保证纸板平整输出。

Use and Characteristics:

- Design speed: 200~250m/min, width of 1800mm~2500mm
- Automatic control of computer interface PLC, the number of heating plates and the pressure size of automatic switch, so as to ensure the good condition of the corrugated peaks of different grams of heavy corrugated paper.
- The surface of the heating plate is treated with the eye film and hard chromium plated, 600 mm wide, 18~22 block options.
- Thermal pressure plate structure can be used to adjust the pressure (optional) according to the thickness of the production board.
- The upper cotton ribbon is equipped with double cylinder s-type cotton belt tensioning device. Select manual or automatic tape – belt rectifying device.
- The drive department adopts independent gearbox. Electromagnetic speed regulating motor or variable frequency motor drive.
- The driving roller surface is coated with wear-resistant rubber, which has a human font structure and a medium height to ensure the smooth output of the paperboard.

SM-10

双面机 Double facer



用途与特点:

1. 设计速度: 150~180m/min, 幅宽1400mm~2200mm
2. 加热板结构为600mm, 数量可根据生产线速度配置为8~14块, 分段交叉供汽。
3. 热段表面经研磨处理并可镀硬铬, 符合二类压力容器国家标准。
4. 热段采用压力辊结构或热压结构, 可根据生产纸板层数不同, 选择分段气动调整压力。
5. 棉织带采用气缸张紧装置。选择电动或自动输送带纠偏装置。
6. 驱动部采用油浸式变速箱, 可选电磁调速电动或变频电机驱动。
7. 主驱动辊表面耐磨橡胶, 表面呈腰鼓型, 防止输送带走偏。

Use and Characteristics:

1. Design speed: 150~180m/min, width 1400mm~2200mm
2. The heating plate structure is 600mm, and the quantity can be configured to 8~14 blocks according to the production line speed.
3. The surface of hot segment plate is ground and can be plated hard chromium, which meets the national standard of type ii pressure vessel.
4. The hot segment adopts the pressure roll structure or the thermal pressure structure, but according to the number of layers of the production board, the pressure of the section pneumatic adjustment can be selected.
5. Cylinder tensioning device is adopted for cotton belt. Choose electric or automatic conveyor belt rectifying device.
6. The driving part adopts oil - invaded gearbox, which can be driven by electromagnetic speed regulating electric or variable frequency motor.
7. The main drive roller surface wear-resisting rubber, the surface of the waist drum type, preventing the transmission of the deviation.



NCBD

电脑薄刀纵切压痕机 Computer thin blade machine



用途与特点:

1. 机械速度: 250m/min. 有效宽度1400mm~2500mm
2. 可存储999组订单, 实现不停机自动换单或手动换单。
3. 纵切刀、压线轮排单任意伺服控制, 排单快速、精确。
4. 前后两排压线轮配置, 压线轮任意组合实现零压线。
5. 自动跟踪生产线速度, 确保与其同步, 可与生产管理系统连线, 兼容性强。
6. 由高品质的进口工业计算机和高性能的可编程控制器构成上、下位机计算机控制系统。
7. 三种压线型式: 凸对凹 (三层线) 、凸对凹 (五层线) 、凸对平, 三种压线型式可以电动转换。压线轮深浅可由电脑自动控制, 线型好, 易于折弯。
8. 采用薄型钨钢合金刀, 刀锋锋利、使用寿命大于800万长米。
9. 磨刀为电脑控制自动磨刀或手动磨刀, 可边分切边磨刀, 提高生产效率。
10. 采用进口同步带动装置, 精度准, 寿命长, 运行噪音低。
11. 标配吸废口, 换单时左右吸废口位置跟随刀同步调整。

Use and Characteristics:

1. Mechanical speed: 200m/min, 250m/min. Effective width: 1400mm~2500mm
2. Can store 999 sets of orders, and realize automatic exchange of orders or manual change without shutdown.
3. Arbitrary servo control of slitting knife and line wheel, the list is fast and accurate.
4. The front and rear pressure line wheel is configured, and the pressure line wheel can realize zero voltage.
5. Automatic tracking of production line speed to ensure its synchronization with production management system and strong compatibility.
6. With high quality imported industrial computer and high performance programmable controller, the computer control system of the lower computer.
7. Three types of pressure line: convex to concave (three-layer), convex to concave (five-layer line), convex to flat, three kinds of pressure line type can be electric conversion. The depth of the line wheel can be controlled by the computer automatically, the line is good, easy to bend.
8. With thin tungsten steel alloy knife, the blade is sharp and the service life is more than 8 million long meters.
9. Grinding knife for computer control automatic grinder or manual grinding knife, edge cutting edge sharpening knife, improve production efficiency.
10. Adopt import synchronous driving device, accurate accuracy, long life and low noise.
11. The label and the suction and waste mouth, the position of the left and right suction of the left and right side will be adjusted with the knife.

ZQS

薄刀电调纵切压痕机 Thin blade slitter scorer

用途与特点:

- 设计速度: 120m/min
- 有效宽度: 1400mm-2200mm
- 刀轮配置: 四刀六线、五刀八线、六刀十线。
- 采用新颖薄刀高速切纸, 切口平整且光滑。
- 自动磨刀系统能实现生产过程中, 不停机修磨刀片, 气动控制磨刀装置, 可依材质或修编状况随时设定间隔米数及磨刀时间。
- 整体电动横移, 有效配合纸板跑偏。

Use and Characteristics:

- Design speed: 120m/min
- Effective width: 1400mm-2200mm
- Knife wheel configuration: four knives, six lines, five knives eight, six knives ten lines.
- Adopt novel thin knife high-speed cutting paper with smooth and smooth incision.
- Automatic sharpener system can realize the production process, constant grinding knife blade, pneumatic control knife device, can be based on the material or the repair condition at any time to set the interval meter and the time of grinding knife.
- Overall electric horizontal shift, effectively matching the cardboard running deviation.



NC-120

电脑螺旋刀横切机 Helical knives NC cutting machine

用途与特点:

- 设计速度: 100-150m/min; 有效幅宽: 1400-2200mm
- 可储存200组定单, 更换切纸规格迅速准确, 不停机换单, 并可实现计算机联网, 方便生产管理。
- 刀轴传动齿轮采用精锻钢材料高频淬火, 实现无侧隙传动, 采用先进的无缝连接方式, 传动精度高。
- 横切机刀片采用碳纤维螺旋刀结构, 锯齿刀型。剪刀式剪切, 剪切力小, 刀片寿命长。
- 前后送纸轮均采用太阳轮压纸方式, 输送平稳, 压力均匀, 不易压坏板或造成堵塞。
- 本机型是储能式制动(非能耗制动), 故在生产过程中低能耗, 平均用电量是普通NC切机的1/3, 节省点70%以上, 达到省钱的目标。

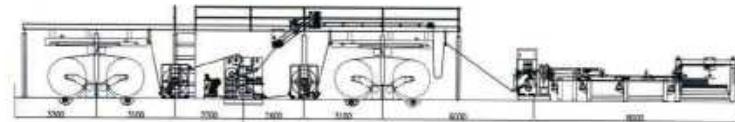


DHD-150

电脑单瓦纵横切纸机 Computer single facer corrugated cutting and stacker



(数控薄刀纵切, 螺旋模切, 吊篮堆码)



DHD-150型单瓦生产线流程图

用途与特点:

- 有效宽度: 1600-2200mm
- 最高速度: 150m/min
- 纵切刀数: 5
- 最小纵切宽度: 180mm
- 排刀时间: 3-8s
- 排刀精度: 0.5mm
- 横切长度: 300-9999mm
- 横切精度: 1mm (匀速)
- 堆码高度: 250-600mm (根据客户需要选择)
- 最大纸板堆码长度: 1600mm
- 恒张力纸板输送, 输送速度与单面机速度严格同步。
- 合金钢薄刀纵切, 自动磨刀、刀片寿命长、分切质量高。
- 纵切刀排单独伺服控制, 排单快速、精准、可靠。
- 纵切速度变频电机、变频器控制, 跟随纸板速度同步调整。
- 换单时左右吸废口位置跟随边刀电动调整。
- 横切部箱体采用优质铸件, 严格时效处理、精密加工, 设备长期稳定运行。
- 合金钢无缝钢管螺旋刀轴, 经济加工、动平衡校正, 刚度高、惯量小。
- 横切刀采用德国科比交流伺服控制器。

Use and Characteristics:

- Effective width: 1600-2200mm
- Maximum speed: 150m/min
- The number of slitting knives: 5
- Minimum slitting width: 180mm
- Cutting time: 3-8s
- Blade accuracy: 0.5mm
- Cross-cutting length: 300-9999mm
- Crosscutting accuracy: 1mm (constant speed)
- Stacking height: 250-600mm (according to customers' needs)
- Maximum carton length: 1600mm
- Constant tension paperboard conveying speed is strictly synchronized with the speed of the single-side machine.
- Alloy steel thin knife slitting, automatic grinding knife, blade life long, cutting quality high.
- Single servo control with longitudinal cutting knife, the list is fast, accurate and reliable.
- Adjust the speed inverter motor and frequency converter, adjust the speed of the board.
- The position of the left and right suction side of the blade should be adjusted with the edge tool.
- The crosscutting cabinet adopts high quality casting, strict aging treatment, precise processing, and long-term stable operation of the equipment.
- Alloy steel seamless steel tube spiral cutter shaft, economic processing, dynamic balance correction, high rigidity, small inertia.
- Crosscutting knife USES the German kobe communication servo controller.

DMT-120

直角堆码机 Paper sheet delivery and side conveyer



用途与特点:

- 1. 工作宽幅: 1400mm~2200mm
工作速度: 100m/min~180m/min
- 2. 最长纸长: 3000mm~3500mm
- 3. 自动堆叠并收集纸板。
- 4. 电动横向输出，后挡板位置电动调整。
- 5. 纵排纸采用宽幅输送带输送。
- 6. 纸板张数或高度至所需要求时自动或手动控制将纸板移出。

Use and Characteristics:

- 1. Work width: 1400mm~2200mm
Working speed: 100m/min~180m/min
- 2. Longest paper length: 3000mm~3500mm
- 3. Automatically stack and collect cardboard.
- 4. Electric lateral output, rear baffle position electric adjustment.
- 5. The longitudinal paper adopts wide conveyor belt conveyor.
- 6. When the cardboard number or height is required, the cardboard will be removed automatically or manually.

DMC-200

全自动龙门式堆码机 Automatic up stacking machine



用途与特点:

- 1. 有效幅宽: 1400mm~2500mm, 设计速度: 200m/min~250m/min
- 2. 最大堆积高度: 250mm 最大堆码长度: 3500mm
- 3. 龙门式堆码。换单时间5秒, 可自动计数, 自动横出, 自动换单。
- 4. 与生管系统同步, 订单管理, 集中管理, 不降速自动换单。
- 5. 生管换单浪费小于700mm
- 6. 履带式堆码平台, 交流伺服控制升降, 堆码平稳、整齐。
- 7. 堆码达到设定数量时变频控制自动平稳横向出纸。
- 8. 后挡板交流伺服控制定位, 换单时自动、快速、精准调整。
- 9. 后挡板可自动移位, 适合小订单堆码。
- 10. 输送侧标配电动输送架, 及双工位台车。
- 11. 独立密封控制柜, 电气设备在无尘、环境下运行。
- 12. 彩色触摸屏显示, 方便现场操作。
- 13. 全自动运行控制, 提高效率, 节省人力, 降低操作人员劳动强度。

Use and Characteristics:

- 1. Effective width: 1400mm~ 2500mm, design speed: 200m/min~250m/min
- 2. Maximum heap height: 250mm maximum stack length: 3500mm
- 3. Gantry stack. Change the single time 5 seconds, can automatically count, automatically roll out, automatic change.
- 4. Synchronous with the raw tube system, order management, centralized management, and no slow automatic change of orders.
- 5. The waste of raw tube is less than 700mm
- 6. Crawler stacked platform, ac servo control elevating, stacking code smoothly and neatly.
- 7. The frequency conversion control automatically smoothly and horizontally out of the paper when the stack reaches the set number.
- 8. Ac servo control positioning of rear baffle, automatic, rapid and accurate adjustment when changing the order.
- 9. The rear baffle can be shifted automatically, suitable for small order piling.
- 10. Delivery side standard with electric conveyor, and double station wagon.
- 11. Independent seal control cabinet, electrical equipment operating in dust-free environment.
- 12. Color touch screen display, convenient site operation.
- 13. Fully automatic operation control, improve efficiency, save manpower and reduce the labor intensity of operators.

全自动接纸机

Automatic splicer machine



用途与特点:

- 1. 设计速度: 150m/min
- 2. 适用最大原纸直径: 1500mm
- 3. 配合原纸架自动张力控制, 可高速接纸, 成功率高。
- 4. 无纸尾接纸, 降低原纸损耗 (原纸重叠部分只与胶带同宽约40mm)。
- 5. 接纸车移出时, 自动转出, 且以真空吸附, 装纸容易, 全自动张力控制, 接纸零失误。
- 6. 全部采用PLC自动控制, 动作准确, 故障少, 维护方便。
- 7. 缓冲轮第一次拉纸时, 自动对齐, 容易拉纸。

Use and Characteristics:

- 1. Design speed: 150m/min
- 2. Applicable maximum diameter of original paper: 1500mm
- 3. With the automatic tension control of the original paper frame, high speed of paper can be connected with high efficiency.
- 4. Paperless tail paper, reduce the loss of the original paper. (the overlap of the original paper is only about 40mm with the width of the tape.)
- 5. When the paper car is moved out, it will automatically turn out and take vacuum adsorption, easy to install the paper, automatic tension control, and paper zero error.
- 6. Adopt PLC automatic control, accurate action, little fault, and convenient maintenance.
- 7. The first time the buffer wheel pulls the paper, it is automatically aligned and easy to pull the paper.

NC-1800

数控单刀切纸机 Computer sheet cutter

General technical parameters:

- working width: 1800mm
Mechanical speed: 60m/min
Minimum cut length: 300mm
Maximum cutting length: 9000mm
Cutting accuracy: uniform speed $\pm 1.5\text{mm}$

Power motor and electrical parameters:

- main drive motor power: 3KW
Full AC Synchronous Servo Control
Papermaking motor power: 3KW (Frequency)



“开合式、吸附上印”自动高速印刷折叠粘箱联动线

Fully automatic high speed flexo printer slotter gluer line (case maker)



用途与特点:

- ◆ CNC 操控系统，故障显示，生产管控、可远程维护。
- ◆ 自动侦测定位系统、快速挂板驱动系统、换单快捷。
- ◆ 加宽型吸尘箱、除静电装置、中央集尘，抗压防护、除尘收集完善。
- ◆ 吸附轮箱传输、传动采用合金钢精密研磨齿轮，保障精度寿命。
- ◆ 双座“成型、开槽”，精准导向定规排轮系统，防爆线，折叠、成型效果佳。
- ◆ “上落式”高速叠纸循环收集系统，防护印面擦花、生产效能高。
- ◆ “电气元件、传动轴承等采用国际品牌，通过欧洲 CE 认证。

计数输出单元

Count-ejector unit

用途与特点:

- ◆ “上落式”收集系统，有效防护印面擦花，生产适配性高。
- ◆ 高频齐箱矫正、风机辅助落纸、气动平推、循环传输。
- ◆ 多伺服驱动高速计数堆叠循环收集系统、高产效保障。
- ◆ 输送台皮带输出、压纸滚道辅助，出纸间隙电动调控。
- ◆ 计数输出单元横向移动电动调整。

Use and Characteristics:

- ◆ High speed down counting stacking, prevent box smearing.
- ◆ Side squiring, pneumatic plat push.
- ◆ Several servo driven, high efficiency counting stacking.
- ◆ Count-ejector unit lateral move motorized control.



Use and Characteristics:

- ◆ Integrated CNC control system, trouble-shooting, production management, remote maintenance.
- ◆ Quick printing plate mounting, motorized phase zero.
- ◆ Powerful dust remover, with anti-static bar, centralized dust collection, less ECT loss.
- ◆ High precious transfer structure with ceramics vacuum transfer wheel, good registration accuracy.
- ◆ Creasing-slitting unit, prevent creasing line from bursting, better folding.
- ◆ Counter ejector with down stacking.
- ◆ Choose international brand electric components and transfer bearings, pass CE certification.

折叠单元 Folding gluing unit



用途与特点:

- ◆ 加长型高强度折箱桥臂，保证折箱精度及高速稳定性。
- ◆ 采用线性导轨同步横移系统，中间高强性桥座支撑，位移平稳、精准。
- ◆ 弹性导压轮系统、可调控间隙，防护夹突抗压损耗，有效解决传输卡纸问题。
- ◆ 折叠定型导规排轮系统、航标杆辅助，上下皮带夹持传送，折叠成型效果佳。
- ◆ 后段吸附式皮带传输，两侧独立马达驱动纠偏装置，有效修正。

Use and Characteristics:

- ◆ Constant temperature gluing system with big gluing wheel, reticulation gluing, motorized control glue wheel position.
- ◆ High rigid folding beam, ensure folding precision and high speed stability.
- ◆ Guide-way linear movement, high rigid beam fixed on the ground.
- ◆ Elastic wheel, motorized pneumatic adjust gap, smooth transfer.
- ◆ Folding finalize wheel correct fish tail, gap motorized control.
- ◆ Folding belt motorized driven, correct folding difference.

传递单元 Plicing unit

- ◆ CNC 联动操控，调单方便、快捷。
- ◆ 弹性导压轮装置，上下皮带夹持传送。
- ◆ 多重除屑装置：风刀、毛刷、电动滚刷，除屑效果佳。
- ◆ 恒温可调式上胶系统，胶水温度恒定，保障粘合最佳特性。
- ◆ 网穴式大湖轮系统，上胶稳定，节控胶量，位置电动调控。
- ◆ Softener and rotary brush, fan assistant.
- ◆ Belt transfer



全程真空吸附高清印刷开槽模切机

High definition flexo printer slotter die cutter machine



品质

- ◆ 源于对机械品质的高度要求，JK 系列水性印刷机的设计、原材料选型、加工、装配、工业化操控等均超过行业标准。利用全新设计、品质管理系统，全面追踪到每一个细节，交付给客户无论在硬件和软件上都是一台高品质的设备。

稳定

- ◆ 前缘送纸、私服相位、全程真空吸附传送，多排轴错位吸附传送设计更利于纸板稳定输送；加强型框架定位装置，齿轮直接刚性连接与墙板，纯进口的台湾齿轮和轴承带来高速稳定性，配合整体式网辊提升版保证印刷长期稳定。整机采用法国施耐德电器，主机、风机、PLC 触摸屏采用德国西门子。

精度

- ◆ 胶辊表面双层覆胶技术，低压力输送免除气动压力的冲击；可多段控制全程真空吸附，配合呈品字错位加密陶瓷轮阵列，纸板多点吸附；无跳动整体精密的网辊传动装置，全高速时保证减少网辊抖动，配合伺服相位调整提高网点印刷品质；下调式模切辊压力，始终保持纸板一条线输送带来精度保证。

效率

- ◆ 专利型送纸宽幅自动调整装置和带卡位的印版锁紧装置，配合工业化 4.0 的工控设计，无论在硬件和软件均是操作者高效率的工具。送纸 - 尘除 - 印刷 - 预烘干 - 独立烘干 - 上光 - 独立烘干 - 模切 - 清废 - 堆码 - 计数 - 打包，一条线自动化生产作业。

环保

- ◆ 工业 4.0 配合全变频计数，红外烘干变段可调技术可大量节省能耗。

服务

- ◆ 基于行业首用的 PDM 设计档案管理系统，完整的技术支持档案无论时间久远仍可对客户做出可靠的承诺，持续为客户高效的售后服务支持。

Quality: Due to high requirements for mechanical quality, raw materials selection, processing, assembly of industrial control over the industry standard, using the new design, quality management system, comprehensive tracking to every detail, delivery to the customer in both hardware and software are a high quality equipment.

Stable: The lead feeder, servo phase, vacuum adsorption, many rows dislocation arrangement design, favors the cardboard stable transmission. Reinforced frame positioning device, gear direct rigid connection in the wallboard, imported gear from Taiwan and bearing from japan with high speed and long-term stability, with integral anilox roller lift version to keep promotion assure printing, the whole machine adopts the French Schneider electric, host, fan, PLC, touch screen use GERMAN SIEMENS.

Precision: Rubber roller surface with double glue technology, low pressure transmission from the impact of the pneumatic pressure, can control the whole vacuum adsorption, more with a word dislocation encryption round ceramic array, cardboard more adsorption, without beating, the overall precision of the anilox roller transmission device, full speed to reduce anilox roller beating, with servo phase adjustment increase anilox roller printing quality, down adjustment pressure structure of the die cutting roller keep paperboard line transmission precision guarantee.

Efficiency: Patent type feeding width automatic adjustment device and printing locking device with screw. With 4.0 engineering design of industrialization, both hardware and software are charged with the author's high efficiency tools. Feeding - dust removing - printing - pre drying - coating - drying - slotting - die cutting - gluer line - case maker

Service: Based on the industry's first use of PDM design file management system, complete technical support files, regardless of the long time can still be credible commitment to customers, continuous and efficient after-service for the customer support. This machine also with long-range control with internet. We can monitoring the machine and do service in China office.

Model 型号	920	1224
Wall board thickness 墙板厚度	60mm	60mm
Max Machine Speed 机器最快速度(pcs/min)	300	300
Economic Working Speed 经济速度(pcs/min)	250	250
Max. Feeding Size 最大送纸 (mm)	900×2000	1200×2400
Min. Feeding Size 最小送纸(mm)	350×600	400×650
Skip-feeding Size 隔张送纸 (mm)	1200×2000	1400×2400
Standard Plate Thickness 标准印板厚度(mm)	3.9	3.9
Min. slotter distance POSITIVE 最小开槽间隔 正刀	130X130X 130X130	150X150X 150X150
Min. slotter distance NEGATIVE 最小开槽间隔 反刀	230X65X 230X65	250X75X 250X75
Max slotter depth 最大开槽深度(mm)	300	300
Print precision 印刷精度(mm)	± 0.3	± 0.3
Slot precision 开槽精度 (mm)	± 1.0	± 1.0
Die cut precision 模切精度 (mm)	± 1.0	± 1.0
Suitable Cardboard Thickness 适用纸板厚度 (mm)	2 - 11	2 - 11

920/1224

自动高速水性印刷开槽模切机

Fully automatic high speed flexo printer slotter die cutter with stacker



用途与特点:

- ◆ 装有高效吸屑除尘机，可大量清除纸板印刷表面的杂质，保证印版的清洁度，提高印刷质量。
- ◆ 所有传动齿轮均为斜齿，采用高频淬火，部分采用渗碳处理，经磨齿，喷淋润滑，从而大大提高了传动精度和使用寿命。
- ◆ 可储存定单，换单方便、快捷。
- ◆ 采用 PLC、触摸屏多功能控制，系统可靠、故障率低、操作易学易用。
- ◆ 主机、风机、相位电机等各部均采用变频控制，调速平稳、省电、准确、可靠。
- ◆ 本机具有自动归零、自动对版、擦版记忆等功能。
- ◆ 附有隔张供纸功能，可生产较大纸箱。
- ◆ 具有速差补偿装置，自动跟踪补偿胶带滚筒的转速，保证纸箱与刀模的尺寸完全一致。

Use and Characteristics:

- ◆ Adopt dust collection device with high efficiency, it can eliminate impurity on cardboard, it can ensure the printing plate clean and improve printing quality.
- ◆ All transfer gears are helical gear. It adopt high frequency quench and part of adopt carburization processing, after grinding and spray lubrication, it can prolong the using life and transmission precision.
- ◆ It can store order and change order convenience and quick.
- ◆ Adopt PLC,touch screen multifunctional control, the system is reliable, low malfunction rate, operation easy.
- ◆ Main motor,wind motor and phase motor adopt inverter control, the speed is steady, saving energy, precise and reliable.
- ◆ This machine have function of auto return zero, auto proofread flexo plate, wipe edition memory.
- ◆ With skip feeding paper function, it can produce big size carton also.
- ◆ It possess speed compensation system, automatic track and compensate cushion roller speed, to ensure the same size of the carton with the cutting mould .

技术参数 (Technological parameter)

型号/Module	920	1224
机械最高速度 (张/分) Max.machine speed(pcs/m)	250	180
最大进纸尺寸 (mm) Max.feeding size	900×2200	1200×2600
最大印刷面积 (mm) Max.printing area	900×2000	1200×2400
最小进纸尺寸 (mm) Min.feeding size	280×680	350×680
最大开槽深度 (mm) Max.Depth of slotting	230	300
模切精度 (mm)	$\leq \pm 1.5$	
套色精度 (mm) Registration precision	$\leq \pm 0.4$ (四色) (four colour)	
标准印版厚度 (mm) Printing plate thickness	7.2(含版衬)	
有效进纸厚度(mm) Max.printing area	2.5—12 (10模切)	
最小开槽间距 (mm)	正刀 Normal	160×160×160×160
Min.slotting interval	反刀 Reverse	300×60×300×60



印刷部 Printing

- ◆ 印刷部可选用美国太阳色彩大师单刮刀系统。该系统可以确保网纹辊网穴中的墨层转移到印版上，能完全控制印墨的墨量，墨层稳定。使印刷线条更细、网点更高、印刷的图形更佳。同时加工成本下降、维护保养方便。
- ◆ 所有辊轴都采用优质钢材，动平衡校正、镀硬铬、研磨而成。
- ◆ 印刷相位装置采用 PLC、电动数字式 360° 调整。
- ◆ The printing unit adopt SUN company colorful master doctor blade of USA, this system can ensure ink in the anilox roller curve transfer to flexo plate, it can control ink volume, it makes the printing more clear and high DPI, the printing picture much better with low price and easy maintenance.
- ◆ All roller adopt super quality steel with dynamic balance correction, it adopts hard chromed and grinding processing.
- ◆ Printing phase adopt PLC and electric digital 360 adjust.



开槽部 Slitting

- ◆ 配有预压装置，经预压后的纸板不易压破。
- ◆ 上压线轮外包裹聚力胶，不会损坏纸板。
- ◆ 压线轮间隙，送纸轮间隙，开槽刀间隙调整采用自锁机构。
- ◆ 开槽刀座的移动采用滚珠丝杠，寿命长，精度高。
- ◆ 压线轮、开槽刀座横移同步调整，电动控制。
- ◆ 开槽刀宽 7mm，采用合金钢材质。经热处理、韧磨后，刀口锋利、使用寿命长。
- ◆ With pre-pressing device, the paperboard is not easy to crush after pre-pressing .
- ◆ Up pressing wheel wrap rubber outside, it will not damage paperboard.
- ◆ Gap of pressing wheel, feeding wheel and the slitting knife adopt self locking device.
- ◆ Slitting knife disc movement adopt ball screw bar with long life and high precision.
- ◆ Pressing wheel and slitting knife seat sway adopt synchronous adjustment with electric control.
- ◆ Slitting knife width 7.0mm, it adopt alloy steel material. After heat treatment and grinding, the blade is sharp and long using life.



模切部 Die cutting

- ◆ 模切相位、刀模辊的间隙均有电脑控制，即可显示又可设置。
- ◆ 胶垫辊采用机械式凸轮槽式移动 (40mm) 结构。
- ◆ 胶垫辊与刀模辊的间隙调整采用电动控制，停止送纸，软辊自动升起，工作时返回工作位置。
- ◆ Die cutting phase and the gap between the cutting mould rollers adopt computer control to set and display.
- ◆ The cushion roller adopts mechanical cam structure with the moving range 40mm.
- ◆ The gap between cushion roller and cutting mould roller adopts electrical adjustment . When stopping feeding paper, the cushion roller will rise automatically; When working ,the cushion roller will return to the working position.

经济型 920/1224/1424 系列自动中速水性印刷开槽模切机

Economic 920/1224/1424 automatic high-speed water-based printing slotting die-cutting machine



技术参数 (Technological parameter)

型号/Module	920	1224	1424
机械最高速度 (张/分) Max.machine speed(pcs/m)	120	100	100
最大进纸尺寸 (mm) Max.feeding size	900 × 2200	1200 × 2400	1400 × 2400
最小进纸尺寸 (mm) Min.feeding size	280 × 680	350 × 680	420 × 680
最大开槽深度 (mm) Max.Depth of slotting	230	300	410
模切精度 (mm) Registration precision	≤ ± 0.4 (四色) (four colour)	≤ ± 0.5 (四色) (four colour)	≤ ± 1.5
标准印版厚度 (mm) Printing plate thickness	7.2(含版衬)		
有效进纸厚度(mm) Max.printing area	2.5—12 (10模切)		
最小开槽间距 (mm) Min.slotting interval	正刀 Normal 反刀 Reverse	160×160×160×160 300×60×300×60	

用途与特点:

- ◆ 选用优质材料及配件。
- ◆ 传动齿轮选用优质钢材，研磨而成，洛式硬度>60度。
- ◆ 自动归零。
- ◆ 所有间隙手动或电动调整。
- ◆ 整台机器是按照高要求调，可靠性及安全性而设计制造。
- ◆ 所有滚动轴镀铬，增强硬度。
- ◆ 所有电器采用正泰品牌，性能稳定。

Use and Characteristics:

- ◆ High-quality material and fittings are used for the machine,
- ◆ The drive gears are hardened and ground.(Hardness>HRC60).
- ◆ Automatic zero set.
- ◆ All the clearance can be adjusted manually or electrically.
- ◆ The machine is manufactured according to the high requirement for operation, reliability and safety. Rapid order changing and convenient operation.
- ◆ All rolling shafts are plated with Chromium to enhance hardness.
- ◆ All electrical appliances using CHINT brand, stable performance.



半自动印刷开槽模切机

Semi-auto printing slotting die-cutting machine



技术参数 (Technological parameter)

型号/Module	920	1224	1424
机械最高速度 (张/分) Max.machine speed(pcs/m)	60	60	60
最大进纸尺寸 (mm) Max.feeding size	900×2200	1200×2400	1400×2400
最小进纸尺寸 (mm) Min.feeding size	280×680	350×680	420×680
最大开槽深度 (mm) Max.Depth of slotting	230	300	410
模切精度 (mm)	$\leq \pm 1.5$		
套色精度 (mm) Registration precision	$\leq \pm 0.4$ (四色) (four colour)		$\leq \pm 0.5$ (四色) (four colour)
标准印版厚度 (mm) Printing plate thickness	7.2(含版衬)		
有效进纸厚度(mm) Max.printing area	2.5—12 (10模切)		
最小开槽间距 (mm) Min.slitting interval	正刀 Normal	160x160x160x160	
	反刀 Reverse	300x60x300x60	

送纸部

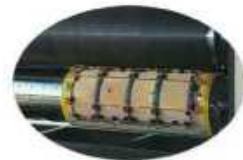
- ◆ 链条半自动送纸
- ◆ 侧规定位，保证送纸准确
- ◆ 自动计数

印刷部

- ◆ 电动行星相位调整，数字显示
- ◆ 机械停车时，网辊自动脱离印版表面。
- ◆ 上墨胶辊自动空转系统，机器暂停时油墨不至于涸。
- ◆ 设有自动刹车机构，机组分离后，刹车机构锁紧周向位移，保持印刷机位。
- ◆ 可任意组合一到四色。
- ◆ 气动自吸式供墨系统，节省油墨，清洗方便。
- ◆ 根据用户要求，大辊筒的印版可选用挂版装置，使贴版省时，省力。

开槽部

- ◆ 开槽相位360度电动行星轮调整。
- ◆ 开槽部位刀具特殊设计制造，使用寿命长。
- ◆ 齿轮45#钢锻件，斜齿传动。
- ◆ 所有辊筒经镀锌抛光处理。
- ◆ 喷淋润滑，保证使用寿命。
- ◆ 机组电动移位，气缸锁紧。
- ◆ 压线采用法国马田技术，保证压痕不出现裂痕，



Feeder unit

- ◆ chain of semi-automatic feed
- ◆ lateral positioning to guarantee accurate feed
- ◆ automatic counting

Printer unit

- ◆ electric planetary phase adjustment, the figures show
- ◆ Mechanical parking, the net roll automatically from the plate surface.
- ◆ ink rubber roller automatic idling system, the machine stop when the ink to dry.
- ◆ automatic brake institutions and the unit after the separation, brake locking weeks displacement, keep the press bit.
- ◆ can be any combination of one to four colors.
- ◆ pneumatic suction ink system saves ink, easy to clean.
- ◆ according to user requirements, the plates of the roller can be used hanging devices to make pasting save time, effort.

Slitter unit

- ◆ slitting phase 360 degrees electric planetary gear adjustment.
- ◆ slotted parts of the tool of special design and manufacture of long service life.45 # steel forgings
- ◆ gear, helical gear driving.
- ◆ All roller by polished chrome handle.
- ◆ spray lubrication, ensure life.
- ◆ unit electric displacement, cylinder lock.

1300G/1450G/1600G

智能全自动高速贴面机 Fully automatic flute laminator

最高时速突破 12000 张/小时

Max speed 12000 sheets/hour



产品性能 CHARACTERISTICS

- ◆ 最快时速 12000 张 / 小时
- ◆ 最高端的电气控制系统
- ◆ 完全实现智能化自动化
- ◆ 更换纸张规格自动调机
- ◆ 曲线速度定位保证精度
- ◆ 最新科技的间歇式定位
- ◆ 底纸面纸自动追踪系统
- ◆ 底纸左右定位全程纠偏
- ◆ 面纸左右定位全程纠偏
- ◆ 智能侦测纸张长度
- ◆ 智能故障显示报警系统
- ◆ 智能胶水供应回收系统
- ◆ 智能清洗水循环系统
- ◆ 底纸弯曲加压装置
- ◆ 底纸吸风大小调节装置
- ◆ 美国 MAC 元件开合吸风
- ◆ 底纸皮带自动清洗装置
- ◆ 工字型预堆纸升降装置
- ◆ 全不锈钢胶水辊配置
- ◆ 防甩胶防护装置
- ◆ Introduction: on behalf of the new technology of intelligent laminating machine, the fastest speed, positioning the most accurate, the most convenient operation, boot only when the input size of paper, machine will automatically adjust the size of each part to the corresponding position, the full realization of intelligent operation.
- ◆ Characteristic:
- ◆ The fastest speed of 12000 / hour of the most high-end electrical control system
- ◆ Full realization of intelligent automatic replacement of automatic paper specifications
- ◆ Speed positioning of the curve to ensure the accuracy of the latest scientific and technological intermittent positioning
- ◆ At the end of paper paper automatic tracking system of base paper about the whole positioning deviation
- ◆ The whole paper about positioning correction intelligent detection paper length
- ◆ Intelligent fault display alarm system intelligent glue supply recovery system
- ◆ Bottom paper bending and pressing device of intelligent cleaning water circulation system
- ◆ Bottom suction paper size adjusting device MAC suction opening and closing element
- ◆ Automatic cleaning device for automatic cleaning device of bottom paper belt
- ◆ Anti rejection glue protective device for all stainless steel glue roll

技术参数 (Technological parameter)

机器型号	Model	HRB-1300G	HRB-1450G	HRB-1600G
最大纸张	Max sheet size	1300X1250mm	1450X1250mm	1600X1250mm
最小纸张	Min sheet size	500X500mm	500X500mm	500X500mm
面纸厚度	Top paper thickness	150~600g	150~600g	150~600g
最快时速	Max. speed	12000pcs/h	12000pcs/h	12000pcs/h
前后精度	Precision	± 0.5mm	± 0.5mm	± 0.5mm
外型尺寸	Size	11.5X2X2.4M	11.5X2X2.4M	13.5X2.4X2.4M
机器重量	Weight	6500kg	7000kg	7500kg
机器电力	Power	20KW/380V	20KW/380V	22KW/380V
底纸厚度	Bottom paper thickness	A,B,C,E,F flute corrugated sheet, paper board more than 300gsm		

1300B/1450B/1600B

后推规全自动贴面机 Automatic flute laminator



用途与特点:

- ◆ 采用台湾进口独特设计的给纸头，吸气有力，给纸顺畅，平稳准确。
- ◆ 独到的结构设计，采用全新柔软材质的 PU 耐磨胶太阳轮配合皮带进行输纸，使输纸平稳，顺畅。不会对纸张的印刷表面造成磨损。对于不同厚度的纸张适应性强。
- ◆ 独特的同步推爪设计可将面纸和底纸同时进入贴合部，并能在机器运转中实现上下纸张的微调。
- ◆ 采用进口的打孔皮革吸风送纸机构，吸力强劲，输纸平稳。适用纸张：300g/m² 以上卡纸和 A、B、C、D、E、F、N 楞以及三层、五层、七层纸板，高速输纸顺畅准确。
- ◆ 独特的同步推爪送纸机构，可实现 300g/m² 以上卡纸和 A、B、C、D、E、F、N 楼及三层、五层、七层瓦楞纸板的顺畅、准确输送。
- ◆ 采用进口同步带作为传动部件，柔软、强韧、耐久、耐磨损、耐拉、耐热。与同步带轮保证同步精度。并配合日本链条带动的同步推爪和完美的调整系统以及侧板的对齐结构，可将贴合误差控制在 ± 1.5mm 之内，又能减少纸张的损坏率。
- ◆ 采用日本产原装精密相位调整器，在机器高速运转过程中可实现贴合误差的调整，准确无误，大大提高生产效率。
- ◆ 所有电器全部采用世界知名品牌，稳定耐用，变频调速，噪音低，节约能源。
- ◆ 全自动的胶水补充系统，在贴合过程中由电控流体控制器自动检测和补充胶水用量。根据纸张的不同要求可自由调节胶水涂层的厚度，使涂胶更均匀。并配合胶水回收循环使用，节省胶水，避免浪费。又解决了胶水涂布甩胶的问题，使裱出的纸张平整，精确。采用独特的加工技术（网纹辊设计），在涂胶过程中，使每个网格都均匀的粘附胶水，从而解决了卡纸与卡纸对裱上胶难的问题。

Use and Characteristics:

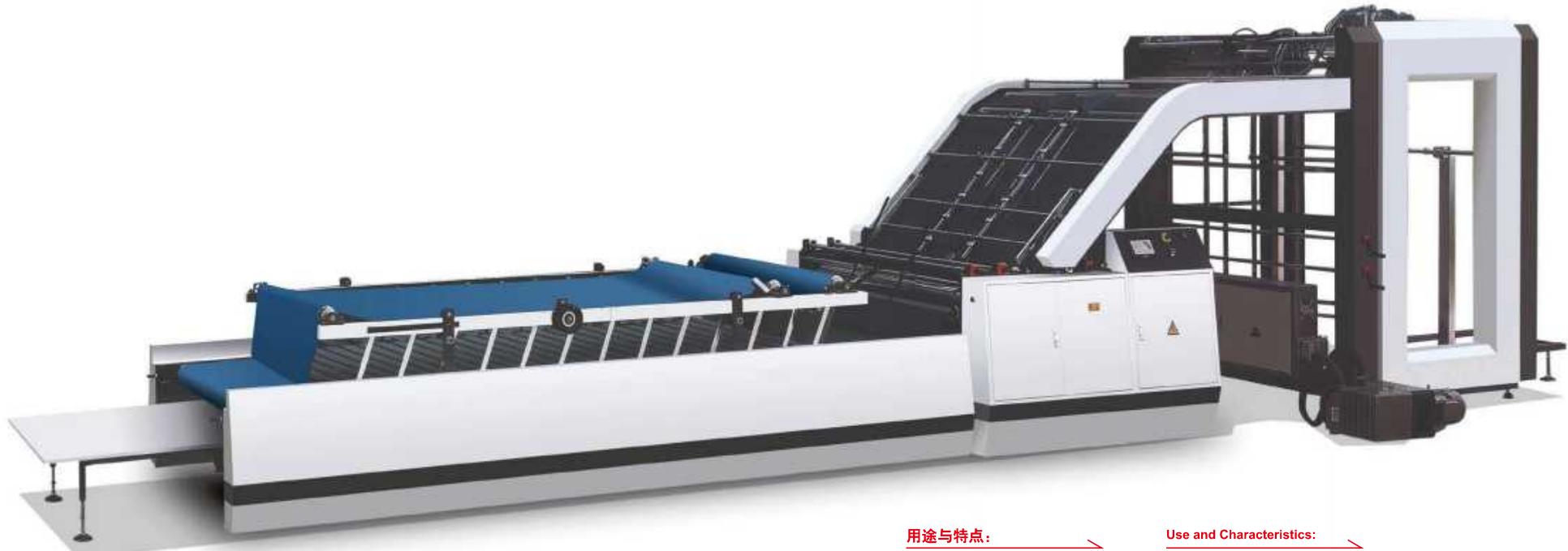
- ◆ The Feeding device made in Taiwan ensures that the feeding of surface paper is smooth and accurate.
- ◆ Unique central gear made of wear-resistant PU rubber cooperating with conveying belt ensures stability and smoothness of conveying, which is adaptive for different sheets of different thickness without any abrasion for the printing surface.
- ◆ Synchronous sheet pusher particularly designed ensures that the surface paper and bottom paper enter the pasting part at the same time. It can be fine adjusted during the course of working.
- ◆ Imported suction feeding device with punching belts ensures stable feeding at high speed. It is suitable for cardboard heavier than 300g/m², corrugated boards of A,B,C,D,E,F,N and three, five or seven layers.
- ◆ Synchronous sheet pusher particularly designed ensures the stable and accurate conveying of cardboards heavier than 300g/m², and corrugated boards of A,B,C,D,E,F,N and three, five or seven layers.
- ◆ Imported wear-resistance timing belt, belt wheels cooperating with sheet pusher, adjustment system and alignment mechanism ensures a paste tolerance of ± 1.5mm and reduction of torn sheet.
- ◆ Fine regulator completely manufactured in Japan is adopted, which actualizes the adjustment of pasting tolerance during the course of working with high speed, thus improving the working efficiency.
- ◆ All the electrical power adopted the worldrenowned brands, steady and durable, frequency speed governing, lower noise and energy conservation
- ◆ Automatic adding glue system detects by electrically operated fluid controller and adds glue automatically during the course of pasting. The thickness of glue is adjustable according to paper. Recycling system of glue avoids a waste of glue and swinging glue, and ensures accurate and tidy laminating.Unique applied anitox roller glues evenly, even suitable for cardboards and cartonboards.

技术参数 (Technological parameter)

型号	Model	HRB-1300B	HRB-1450B	HRB-1600B
最大用纸尺寸	Max. paper size	1300 × 1100mm	1450 × 1100mm	1600 × 1200
最小用纸尺寸	Min. paper size	400 × 400	400 × 400	400 × 400
底纸最小基重	Mini. weight of bottom paper	300gsm	300gsm	300gsm
最大基重	Max. weight of bottom paper	800gsm	800gsm	800gsm
最大厚度	Max. thickness of paper	10mm	10mm	10mm
面纸最小基重	Mini. weight of face paper	180gsm	180gsm	250gsm
最大基重	Max. weight of face paper	800gsm	800gsm	800gsm
卡纸-纸板贴合误差	Precision of paperboard and cardboard	± 1.2mm	± 1.2mm	± 1.2mm
卡纸-瓦楞纸板贴合误差	Precision of paperboard and corrugated board	± 1.5mm	± 1.5mm	± 1.5mm
机械速度	Machine speed	100pcs/min	100pcs/min	70pcs/min
机械功率	Total power	14kw	14kw	14kw
机械总长	Total length	12.5M	12.5M	14.5M
机械约重	Total weight	6200KG	6200KG	7500KG

1300A/1500A/1600A

前规全自动贴面机 Automatic flute laminator



技术参数 (Technological parameter)

型 号	Model	HRB-1300A	HRB-1500A	HRB-1600A
最大贴面尺寸	Max size	1300mmx1200mm	1500mmx1200mm	1600mmx1200mm
最小贴面尺寸	Min size	400mmx400mm	400mmx400mm	400mmx400mm
最高生产速度	Max speed	8000张/小时 (Pcs/h)	8000张/小时 (Pcs/h)	8000张/小时 (Pcs/h)
裱合精度	Precision	± 1mm	± 1mm	± 1mm
功 率	Power	14kw	14kw	14kw
外型尺寸	Size	13.5mx2mx2.9m	13.5mx2.15mx2.9m	13.5mx2.25mx2.9m
重 量	Weight	About 5t	About 6t	About 6t

用途与特点:

- ◆ 真空吸盘式飞达送纸系统，可将纸张准确送入机器中；循环堆纸架可在不停机的状态下堆好下一批面纸，让效率更高。
- ◆ 底纸采用吸气自动进纸，可根据人工送面纸的速度，自动同步跟踪。
- ◆ 全新概念弹性前定位，定位精确度高，底纸永不超前。
- ◆ 整机采用触摸屏/PLC/伺服电机控制系统，电路系统运行稳定，并能自动显示故障报警。
- ◆ 全自动胶水补充系统，自动补充损失胶量，并配合胶水循环回收，避免胶水损耗浪费。
- ◆ 计量辊线速度科学设计，保证胶量均匀的同时，避免高速运转时甩胶。
- ◆ 压力辊单边调节，方便快捷。
- ◆ 摆杆控制洗水辊的升降，方便清洗上胶辊的下辊，清洗方便快速。
- ◆ 人性化设计计数器，方便记录您每日的工作量。易于计件工作。

Use and Characteristics:

- ◆ The vacuum suction-type feeding system can lead the paper accurately into the machine; cycle stacking planes in a state of non-stop the next batch of paper stack well, so that more efficient.
- ◆ Using suction feeding automatic of bottom sheet, according to the main machine operating speed, continuous automatic tracking.
- ◆ The machine operation is stable, surface paper with corrugated paper joint very Accurate.
- ◆ The corrugated paper never pull ahead, surface paper's location is easy adjust.
- ◆ Machine uses touch-screen/PLC/servo motor control system, the circuit system is stable , and can automatically display the failure alarm.
- ◆ Automatic gluing ,and the glue can be used circulatory, avoid glue waste.
- ◆ Roller design scientifically, avoid glue fly out when the speed is high.
- ◆ Pressure rollers adopt unilateral adjustment, convenient and fast.
- ◆ Rocker controls wash roller' s fluctuation, easy cleaning.
- ◆ Counter designs scientifically, easy recording the amount you have been worked.

1300HII/1500HII/1600HII

半自动高台贴面机 Semi-auto flute laminator



技术参数 (Technological parameter)

型号 Model	HRB-1300HII	HRB-1500HII	HRB-1600HII
最大贴面尺寸 Max size	1300mmx1200mm	1500mmx1200mm	1600mmx1200mm
最小贴面尺寸 Min size	360mmx360mm	360mmx360mm	360mmx360mm
经济速度 Economic speed	0-100pcs/min	0-100pcs/min	0-100pcs/min
裱合精度 Precision	±1mm	±1mm	±1mm
功 率 Power	9.5kw	9.5kw	9.5kw
外型尺寸 Size	12mx1.95mx2.43m	12mx2.15mx2.43m	12mx2.25mx2.43m
重 量 Weight	About 4t	About 4.5t	About 4.5t

用途与特点:

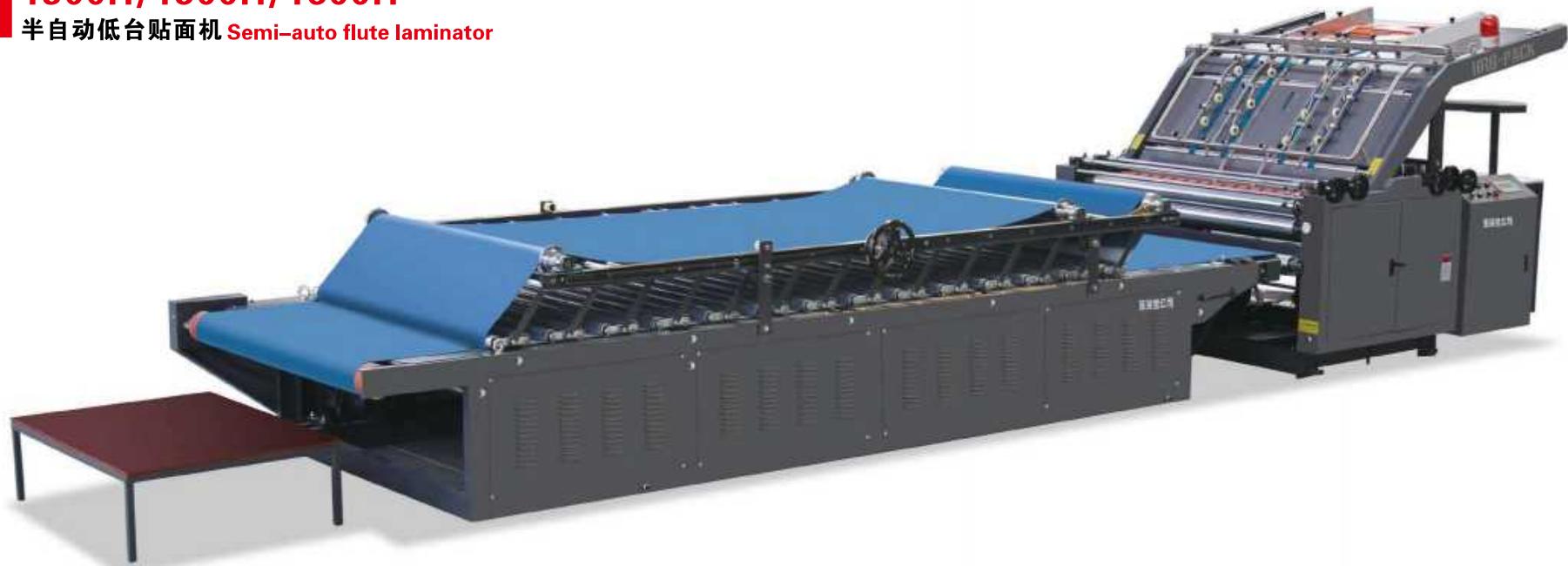
- ◆ 面纸一次可堆高1.5米，送纸过程中纸堆自动上升，使送纸更轻松，效率更高。
- ◆ 底纸采用吸气自动进纸，可根据人工送面纸的速度，自动同步跟踪。
- ◆ 全新概念弹性前定位，定位精确度高，底纸永不超前。
- ◆ 整机采用触摸屏/PLC/伺服电机控制系统，电路系统运行稳定，并能自动显示故障报警。
- ◆ 全自动胶水补充系统，自动补充损失胶量，并配合胶水循环回收，避免胶水损耗浪费。
- ◆ 计量辊线速度科学设计，保证胶量均匀的同时，避免高速运转时甩胶。
- ◆ 压力辊单边调节，方便快捷。
- ◆ 摆杆控制洗水辊的升降，方便清洗上胶辊的下辊，清洗方便快速。
- ◆ 人性化设计计数器，方便记录您每日的工作量。易于计件工作。

Use and Characteristics:

- ◆ The top paper can pile up the height of 1.5m once time, it makes delivery more easier and efficient.
- ◆ Using suction feeding automatic of bottom sheet, according to the main machine operating speed, continuous automatic tracking.
- ◆ The machine operation is stable, surface paper with corrugated paper joint very Accurate.The corrugated paper never pull ahead, surface paper's location is easy adjust.
- ◆ Machine uses touch-screen/PLC/servo motor control system, the circuit system is stable , and can automatically display the failure alarm.
- ◆ Automatic gluing, and the glue can be used circulatory, avoid glue waste.
- ◆ Roller design scientifically, avoid glue fly out when the speed is high.
- ◆ Pressure rollers adopt unilateral adjustment, convenient and fast.
- ◆ Rocker controls wash roller's fluctuation, easy cleaning.
- ◆ Counter designs scientifically, easy recording the amount you have been worked.

1300H/1500H/1600H

半自动低台贴面机 Semi-auto flute laminator



技术参数 (Technological parameter)

型号	Model	HRB-1300H	HRB-1500H	HRB-1600H
最大贴面尺寸	Max size	1300mmx1200mm	1500mmx1200mm	1600mmx1200mm
最小贴面尺寸	Min size	360mmx360mm	360mmx360mm	360mmx360mm
经济速度	Economic speed	0~80pcs/min	0~80pcs/min	0~80pcs/min
裱合精度	Precision	± 1mm	± 1mm	± 1mm
功 率	Power	7kw	7kw	7kw
外型尺寸	Size	9mx1.95mx1.7m	9mx2.15mx1.7m	9mx2.25mx1.7m
重 量	Weight	About 3t	About 3.5t	About 3.5t

用途与特点:

本机型设计理念超前，能够真正意义上实现高速连续工作，是半自动贴面机领域最为先进、新型、精确的一款机型。本机采用双变频控制、PLC动作设定、主机传动同步连接装置、整机PLC程序化动作，PLC液位、警报装置等。综合小时产量，基本接近于全自动贴面机的正常生产工时。全自动贴面机对面纸与瓦纸的要求都很高，且不能有丝毫弯曲。相对而言，新型半自动吸附式贴面机对面纸与瓦纸的要求均低的多，且弯曲的纸板在一般生产中亦能达到正常工作效果。

Use and Characteristics:

The machine design is advanced, can realize high speed continuous working, this is most advanced, dated, and exact machine in the semi-automatic flute laminator field. The machine adopts chain pusher and back registration system together with spring blade side lay and vacuum sucking conveying makes this series of machine fit for a large range of paper, high precision while remaining the features of easy operation and maintenance. The whole machine adopts the program of PLC, prewarning equipment. The quantity of production is near to the automatic laminator. The requirement of cardboard for automatic laminator is high. Compare to this new type semi-automatic laminator, the requirement of surface paper and corrugated sheet much lower. Even the sheet little bend also can working normally.

1300C/1500C/1600C

手动贴面机 Manual flute laminator



技术参数 (Technological parameter)

型 号 Model	HRB-1300C	HRB-1500C	HRB-1600C
机械速度 Machine speed	0~40m/min	0~40m/min	0~40m/min
最大贴面尺寸 Max size	1300mmx1200mm	1500mmx1200mm	1600mmx1200mm
最小贴面尺寸 Min size	360mmx360mm	360mmx360mm	360mmx360mm
功 率 Power	3.5kw	3.5kw	3.5kw
外型尺寸 Size	9mx1.95mx1.1m	9mx2.15mx1.1m	9mx2.25mx1.1m
重 量 Weight	About 1.5t	About 1.6t	About 1.7t

用途与特点:

本机自动循环供胶，底辊刷水清洗，保证底胶辊的清洁，脚踏离合集中送纸，提高了生产效率，降低劳动强度，是中小型企业理想的设备。

Use and Characteristics:

The automatic gluing , focus clutch pedal and sends to the paper ,at the end of shaft with water , cleaning brush, ensuring at the end of paper roll for cleaning , reducing manual labor intensity.

QD(Z)J-2200/2600/3200

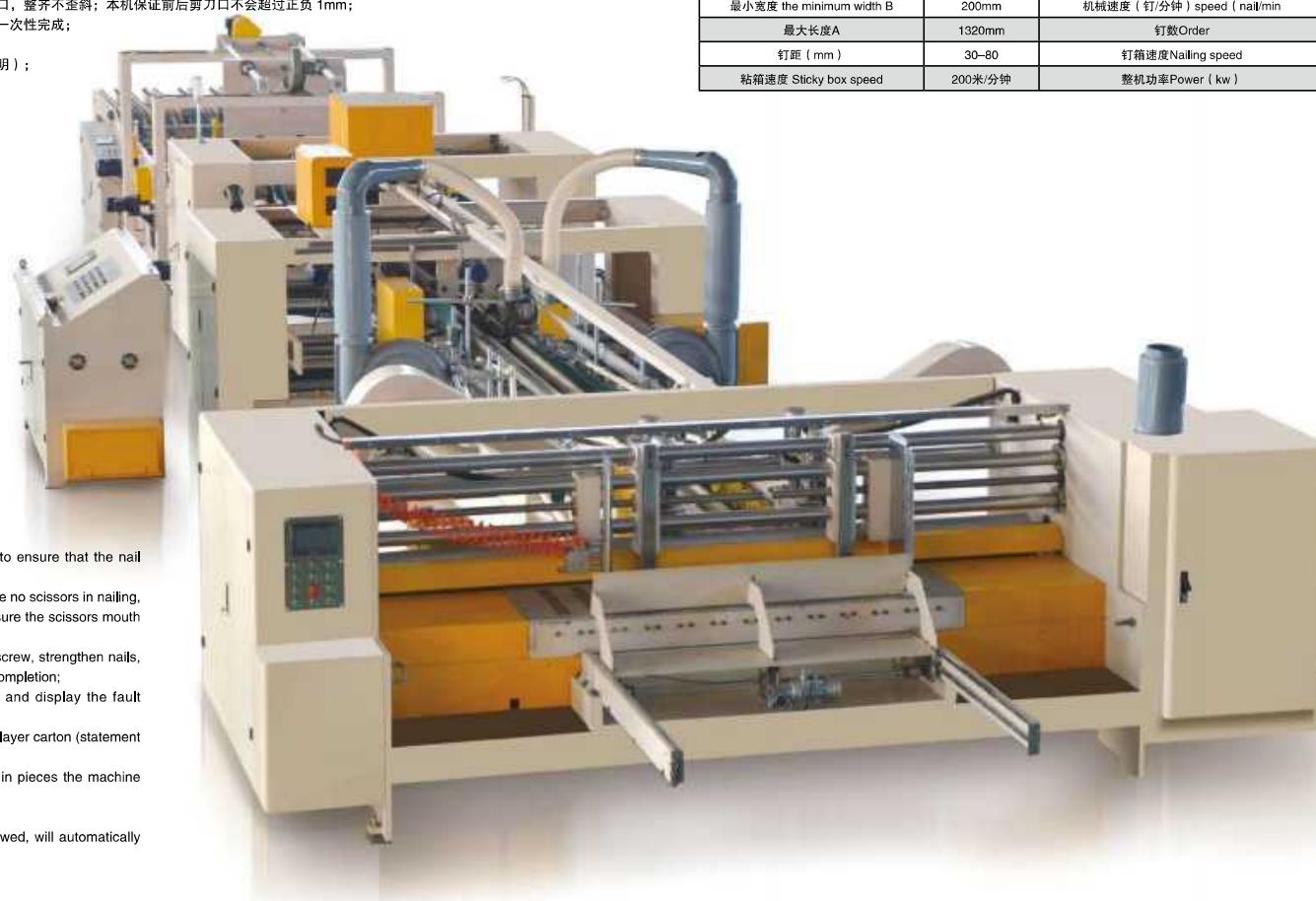
全自动钉箱机 (经济型) Automatic carton stitching machine (Economical)

一、功能与特点:

- ◆ 本机全电脑操控自动调单，操作容易，简单；可储存 1000 个订单；
- ◆ 无底有盖箱也可钉（需在订货时说明）；
- ◆ 3~5 分钟调整尺寸，简单快捷；
- ◆ 钉头部动力为伺服电机，机械速度：800 钉 / 分钟；
- ◆ 送纸部采用真空吸附前缘皮带送纸确保纸箱不歪斜；本机送纸前缘皮带可单独调整皮带高低，增加使用寿命；
- ◆ 进纸时有侧拍打装置可使送纸整齐顺利；
- ◆ 送纸部送纸速度由 PLC 自动控制，保证不会出现纸箱钉不出来或钉坏的现象；
- ◆ 送纸电机采用伺服电机控制，确保钉距稳定又准确；
- ◆ 本机设计有箱整形功能，保证在钉箱时不会出现剪刀口，整齐不歪斜；本机保证前后剪刀口不会超过正负 1mm；
- ◆ 本机可钉双钉、单钉、加强钉、双头尾钉和单头尾钉一次性完成；
- ◆ 本机采用电脑屏操作，并显示故障说明；
- ◆ 本机可钉三层、五层纸箱（七层时需在订货时提前声明）；
- ◆ 本机最后有自动计数堆码定量输出。
- ◆ 本机打捆部分为选配。
- ◆ 机器在正常运转过程中出现歪斜时，会自动停机。
- ◆ 本机一机三用，即可粘、可钉、同时粘钉。

the function and characteristic

- ◆ The machine full computer control automatic tuning single, easy to operate, simple; Can store 1000 nail single;
- ◆ Screw mixer bottomless with cover box can also be (when ordering);
- ◆ 3~5 minutes to adjust size, simple and quick;
- ◆ Nail head power for the servo motor, mechanical speed: 800 nail/minutes;
- ◆ Pieces paper department adopts the vacuum adsorption front belt paper make sure the carton is not skewed; The machine front feeder belts, belt height can be adjusted separately, increase service life;
- ◆ Pieces into the paper with side lapping device can send paper neatly smooth;
- ◆ Mixer feeding, feeding speed by PLC automatic control, guarantee won't appear the cartons nail nail not to come out or bad phenomenon;
- ◆ Mixer feeding machine adopt servo motor control, to ensure that the nail from the stable and accurate;
- ◆ This machine design have box plastic function, ensure no scissors in nailing, nearly not skew; Before and after the machine to ensure the scissors mouth can't more than plus or minus 2 mm;
- ◆ In pieces the machine can be double screw, single screw, strengthen nails, double end screw and single head screw one-time completion;
- ◆ The machine adopts computer screen operation, and display the fault description;
- ◆ In pieces the machine can be nailed three layer, five layer carton (statement in advance with order) is required for a seven layers;
- ◆ An automatic counting stacking quantitative output in pieces the machine finally.
- ◆ Pieces of native baling part for matching.
- ◆ Mixer machine during normal operation appear skewed, will automatically stop.

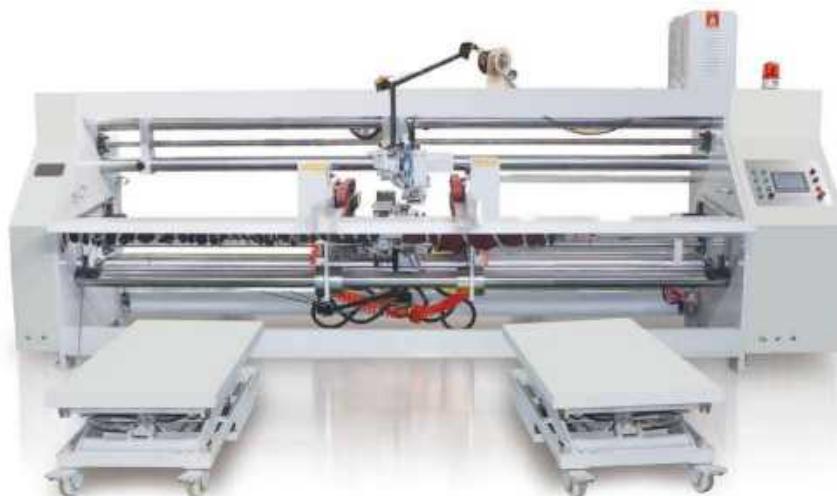


机器规格 Specification

最大尺寸maximum(A+B)*2	3000mm	最小长度 the minimum length A	250mm
最小尺寸minimum(A+B)*2	900mm	最大高度 the maximum height D	1150mm
最大尺寸maximum(C+D+C)	1200mm	最小高度 the minimum height D	250mm
最小尺寸minimum(C+D+C)	350mm	钉舌宽度 Nail tongue width E	35~40mm
最小摇盖the minimum roll cove C	25mm	机械长度 Mechanical length	19000mm
最大摇盖the biggest shake cove C	560mm	机械宽度 Machine width	4450mm
最大宽度 the maximum width B	1320mm	机械重量 Machine weight(T)	25
最小宽度 the minimum width B	200mm	机械速度 (钉/分钟) speed (nail/min)	800
最大长度A	1320mm	钉数Order	1~99
钉距 (mm)	30~80	钉箱速度Nailing speed	120米/分钟
粘箱速度 Sticky box speed	200米/分钟	整机功率Power (kw)	60

3000

双片式钉箱机 Semi-auto stitcher machine double piece

**用途与特点：**

- ◆ 进口四伺服控置系统。
- ◆ 一台两用，可订单片、双片、不规则纸箱。
- ◆ 尺寸采用全电动式控置。
- ◆ 可钉：单钉、双钉、加强钉一次完成。
- ◆ 送纸部自动计数，成品送出捆扎。
- ◆ 适用于中小型纸箱、装订快速而省力。
- ◆ 调整钉距，使用电脑设定自动调钉距。
- ◆ 适用于三五层中小型纸箱，有底无盖的纸箱也可钉，七层需定做（七层纸箱和有底无盖纸箱在定做机器时需说明）。
- ◆ 钉距（小一大）30mm—120mm可任意调节。
- ◆ 机械速度：500钉/分钟。

Use and Characteristics:

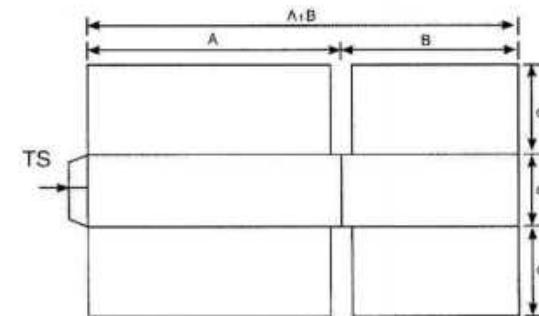
- ◆ It can nail single nail, double nail, Strengthen nail completed in one-time, can be suitable for different kinds of customer requirements of nails.
- ◆ It can be changed size quickly in one minute, can be operated easily and not had to experience.
- ◆ Paper feeding section can automatic count, send after the bundle into the bundle.
- ◆ It is man-machine interface control for convenient operation.
- ◆ Back-automatic counting. The finished products done can be sent to the end of conveyor by setting the number(1~99).
- ◆ Semi-finished products nailing to the finished products displayed only need two operators. This can operate simply and reduce wages.
- ◆ Adopt 4 servo motor, brand YASKAWA
- ◆ Feeding unit auto counter
- ◆ Computer adjust nail distance
- ◆ Suit for 3-5ply standard carton box
- ◆ Nail distance: 30~120mm
- ◆ Speed: 500 nails/min

供电系统		机械系统		技术指标	
伺服驱动器	日本三菱	机头	珠海普善机械设备有限公司	机头速度	500~600 钉 / 分
伺服马达	日本三菱	同步带轮	佛山源铭创	钉距精度	1mm
Plc	日本欧姆龙	机头减速器	日本新宝	启动方式	光电检测纸板和脚踏开关
接触器	台湾士林	齿轮减速机	浙江台钰	钉箱模式	双片、单片
继电器	法国施耐德	同步带	浙江三维	最大功率	6kw
触摸屏	台湾维伦通			机器重量	3000kg
电磁阀	台湾亚德克				

最大尺寸 (长+宽) × 2	Max (A + B) × 2	5200mm
最小尺寸 (长+宽) × 2	Min (A + B) × 2	1100mm
最大纸箱长 (mm) A	Max (mm) A	2400mm
最小纸箱长 (mm) A	Min (mm) A	350mm
最小纸箱宽 B	Min B	200mm
最小纸箱高 (C+D+C)	Min (C+D+C)	300mm
设备总功率	Total Power	6kw
钉距	Nail distance	30~120mm
机械速度	Machine speed	500~600 钉 / 分钟
钉线型号	Wire Model	17~18
钉数	Nail number	2~99

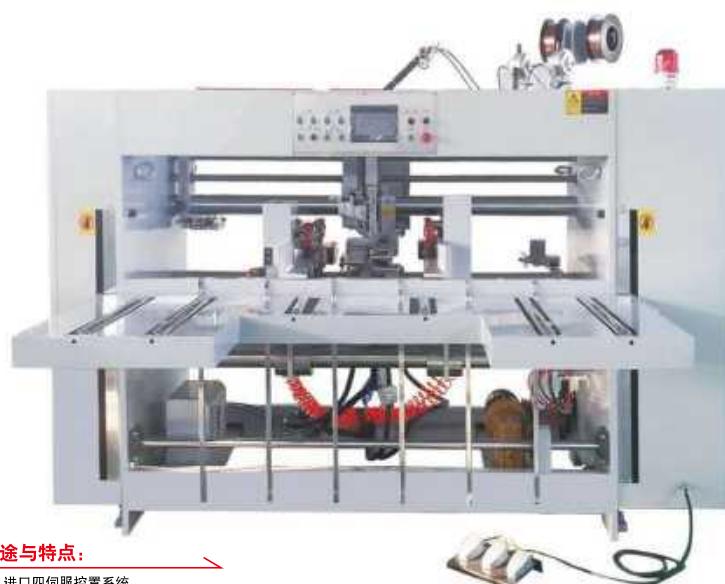
Electric system		Machinery system	
Servo AC drive	Mitsubishi Japan	Stitching head	Zhuhai
Servo Motor	Mitsubishi Japan	synchronous pulley	Foshan
PLC	OMRON Japan	Head reducer	Xinbao Japan
Contactor	Shili Taiwan	Gear reducer	Zhejiang
Relay	Schneider French	synchronous belt	Zhejiang sanwei
Touch screen	Siemens German		
Magnetic valve	YDK Taiwan		

Technical Guid	
Speed	500~600Nails/min
Precision	1mm
Start Method	Sensor or foot switch
Stitching model	Single piece or double piece
Power	6kw
Weight	3000kg



2000

双片式钉箱机 Semi-auto stitcher machine double piece

**用途与特点：**

- ◆ 进口四伺服控置系统。
- ◆ 一台两用，可钉单片、双片、不规则纸箱。
- ◆ 尺寸采用全电动式控置。
- ◆ 可钉：单钉、双钉、加强钉一次完成。
- ◆ 送纸部自动计数，成品送出捆扎。
- ◆ 适用于中小型纸箱、装订快速而省力。
- ◆ 调整钉距，使用电脑设定自动调钉距。
- ◆ 适用于三五层中小型纸箱，有底无盖的纸箱也可钉，七层需定做（七层纸箱和有底无盖纸箱在定做机器时需说明）。
- ◆ 钉距（小—大）30mm—120mm可任意调节。
- ◆ 机械速度：500钉/分钟。

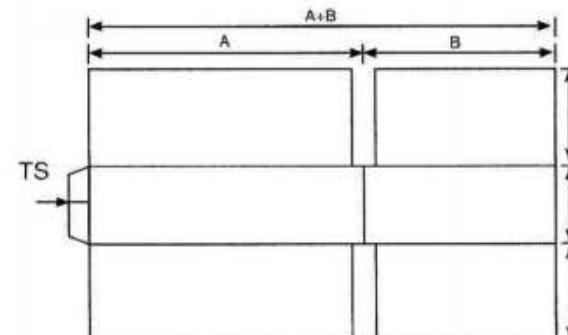
Use and Characteristics:

- ◆ It can nail single nail, double nail, Strengthen nail completed in one-time, can be suitable for different kinds of customer requirements of nails.
- ◆ It can be changed size quickly in one minute, can be operated easily and not had to experience.
- ◆ Paper feeding section can automatic count, send after the bundle into the bundle.
- ◆ It is man-machine interface control for convenient operation.
- ◆ Back-automatic counting. The finished products done can be sent to the end of conveyor by setting the number(1~99).
- ◆ Semi-finished products nailing to the finished products displayed only need two operators. This can operate simply and reduce wages
- ◆ Adopt 4 servo motor, brand YASKAWA
- ◆ Feeding unit auto counter
- ◆ Computer adjust nail distance
- ◆ Suit for 3~5ply standard carton box
- ◆ Nail distance: 30~120mm
- ◆ Speed: 500 nails/min

最大尺寸 (长+宽) × 2	Max (A + B) × 2	3200mm
最小尺寸 (长+宽) × 2	Min (A + B) × 2	1100mm
最大纸箱长 (mm) A	Max (mm) A	1400mm
最小纸箱长 (mm) A	Min (mm) A	350mm
最小纸箱宽 B	Min B	200mm
最小纸箱高 (C+D+C)	Min (C+D+C)	300mm
设备总功率	Total Power	6kw
钉距	Nail distance	30~120mm
机械速度	Machine speed	500~600nail/min
钉线型号	Wire Model	17~18
钉数	Nail number	2~99

供电系统		机械系统		技术指标	
伺服驱动器	日本三菱	机头	珠海普善机械设备有限公司	机头速度	500~600 钉 / 分
伺服马达	日本三菱	同步带轮	佛山源铭创	钉距精度	1mm
PLC	日本欧姆龙	机头减速器	日本新宝	启动方式	光电检测纸板和脚踏开关
接触器	台湾士林	齿轮减速机	台湾爱默森	钉箱模式	双片、单片
继电器	法国施耐德	同步带	浙江三维	最大功率	6kw
触摸屏	台湾维伦通			机器重量	2000kg
电磁阀	台湾亚德克				

Electric system		Machinery system		Technical Guid	
Servo AC drive	Mitsubishi Japan	Stitching head	Zhuhai	Speed	500~600Nails/min
Servo Motor	Mitsubishi Japan	synchronous pulley	Foshan	Precision	1mm
PLC	OMRON Japan	Head reducer	Xinbao Japan	Start Method	Sensor or foot switch
Contactor	Shili Taiwan	Gear reducer	Zhejiang	Stitching model	Single piece or double piece
Relay	Schneider French	synchronous belt	Zhejiang sanwei	Power	6kw
Touch screen	Siemens German			Weight	3000kg
Magnetic valve	YDK Taiwan				



2000

半自动钉箱机 Semi-auto stitcher machine single piece

**用途与特点:**

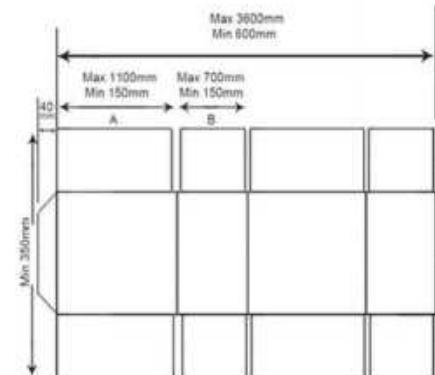
- ◆ 操作简单：只需在触摸屏上轻轻点击。操作无需经验，使工厂更有弹性安排生产。速度快。钉速：600钉/分钟
- ◆ 生产效率高，中型纸箱每小时可钉2000个以上的产品。
- ◆ 较强的灵活性：可钉单钉//双钉//加强钉//，可适用于不同厂家对钉种的要求，改装单钉、双钉、加强钉只需将触摸屏里点击一下。
- ◆ 纸箱规格切换，只需(1-2)分钟。钉距无误、美观、可调(20-120)mm
- ◆ 整个过程只需两个人操作。对成品进行自动计数。统计产量，并可设定分离送出，配合后段的结束机作业。

Use and Characteristics:

- ◆ It can nail single nail, double nail, Strengthen nail completed in one-time, can be suitable for different kinds of customer requirements of nails.
- ◆ It can be changed size quickly in one minute, can be operated easily and not had to experience.
- ◆ Paper feeding section can automatic count, send after the bundle into the bundle.
- ◆ It is man-machine interface control for convenient operation.
- ◆ Back-automatic counting. The finished products done can be sent to the end of conveyor by setting the number(1-99).
- ◆ Semi-finished products nailing to the finished products displayed only need two operators. This can operate simply and reduce wages
- ◆ Adopt 2 servo motor, brand YASKAWA
- ◆ Feeding unit auto counter
- ◆ Computer adjust nail distance
- ◆ Suit for 3-5ply standard carton box
- ◆ Nail distance: 30-120mm
- ◆ Speed: 500 nails/min

最大尺寸 (A + B) × 2	Max (A + B) × 2	3600mm
最小尺寸 (A + B) × 2	Min (A + B) × 2	600mm
最大幅宽 C	Max C	350mm
最小幅宽 C	Min C	65mm
最小宽度 (C + D + C)	Min (C + D + C)	350mm
最大纸箱宽度 (B)	Max (B)	700mm
最小纸箱宽度 (B)	Min (B)	150mm
最大纸箱长 (A)	Max (A)	1100mm
最小纸箱长 (A)	Min (A)	150mm
设备总功率 (kw)	Power (kw)	4kw
机械占地面积	Machine size	2800 × 2600mm
机械重量 (kg)	Weight (kg)	1500Kg
钉距 (小/大 mm)	Nail distance (mm)	20-120mm
机械速度 / 分	Speed	600 钉 / 分钟
钉线型号	Nail model #	17、18
钉数	Nail quantity	1-99

Electric system		Machinery system		Technical Guid	
Servo AC drive	Mitsubishi Japan	Stitching head	Zhuhai	Speed	500-600Nails/min
Servo Motor	Mitsubishi Japan	synchronous pulley	Foshan	Precision	1mm
PLC	OMRON Japan	Head reducer	Xinbao Japan	Start Method	Sensor or foot switch
Contactor	Shili Taiwan	Gear reducer	Zhejiang	Stitching model	Single piece or double piece
Relay	Schneider French	synchronous belt	Zhejiang sanwei	Power	6kw
Touch screen	Siemens German			Weight	3000kg
Magnetic valve	YDK Taiwan				



ZXJ-2800

全自动粘箱机 Automatic folder gluer machine



用途与特点:

ZXJ 系列全自动粘箱机主要是针对替代纯手工糊箱成型的业务所研发生产的。例如目前国内绝大部分包装企业都是纯手工作业的，这就导致糊箱工序在整个企业中成为用人多、占地大、效率低、质量差，尤其是国内瓦楞纸箱粘接不正、溢胶、粘接不牢的难题层出不穷，给企业的生产管理、经济、信誉都带来了很多的不利。基于这些原因，我公司开发了 ZXJ 系列全自动糊箱机，此机型与人工糊箱比较可节省大量人工，节约一半胶水成本，且粘接正，不溢胶，真正做到投资小、故障少，即可减少对熟练工人的依赖，又可节省生产空间，实现效率、品质双丰收。彩印厂、纸制品厂等包装企业用此机型定能助您一臂之力。

- A、适应瓦楞纸板 A、B、C、AB、楞、三层、五层纸板。
- B、减少人力依赖，取代钉箱作业。
- C、涂胶均匀不出胶，易于干洁净。
- D、糊制好的纸箱具有粘口牢固、平整、干净等特点。
- E、用人少，速度快，2人上纸，2人打捆，2人来回运送，8小时轻松十多万张。
- F、适合于出口包装、环保包装、如饮料箱、啤酒箱、方便面箱、瓷砖箱等高档次包装纸箱。

Use and Characteristics:

ZXJ series full automatic viscous box machine is designed for the replacement of pure manual paste box forming business. For the most part, for example, the current domestic packaging enterprise is pure manual work, this leads to paste box forming processes across the enterprise become more of choose and employ persons, covers an area of large, low efficiency and poor quality, especially the domestic corrugated carton glue, glue, glue rickety problems emerge in endlessly, to the enterprise production management, economy, reputation has brought a lot of disadvantage. For these reasons, our company developed ZXJ series automatic box gluing machine, this machine compared with manual paste box can save a lot of artificial, saving the cost of half glue, and glue is not glue, small investment, low malfunction and can reduce the dependence on skilled workers, but also save the production space, for efficiency, quality, double harvest. Color printing plant, paper products factory and other packaging enterprises will be able to help you with this machine.

- A, adapt to corrugated board A, B, C, AB, Ienz, three and five layers of cardboard.
- B, reduce manpower dependence, replace nail box homework.
- C, The glue is not uniform and easy to dry and clean.
- D, The cartons with good paste are strong, smooth and clean.
- E, fewer people, fast speed, 2 people on paper, 2 people back and forth, 8 hours more than 100,000.
- F, suitable for export packing, environmental protection packaging, such as beverage box, beer box, instant noodles box, ceramic tile case, etc.

送纸部特色:

- ◆ 吸风进纸能更好的适应弯曲纸板；
- ◆ 采用高档电磁离合器及电磁刹车系统，使送纸部可靠控制，操作简便可靠；
- ◆ 压线轮可调，适合纸板厚度2~8mm；
- ◆ 二次压痕机构，可对压痕质量不佳的纸板进行二次压痕。

计数堆积输出部特色:

- ◆ 计数堆码原理简单可靠。
- ◆ 采用数字控制，操作简单可靠，不停机输入数据，自动计数，准确输出。
- ◆ 具有纠偏功能，偏差可调。
- ◆ 计数和推出采用气动方式，动作准确，快速。

Counter & Stacker section:

- ◆ Stacking and counting are simple and reliable;
- ◆ Digital control, operation easily and reliable.No-stop put in data and automatic counting.
- ◆ With rectification function.
- ◆ Paperboard counting and put out by pneumatic, stable and quickly.

Glue&Folding section:

- ◆ Simplex structure and high reliability, glue quantity adjustable, cleaning easily.
- ◆ Stainless steel glue wheel adopted, long life and saving glue cost.
- ◆ Imported quality rubber bell adopted,automatic folding.
- ◆ With paperboard rectify device and creasing rectify device:

技术参数 (Technological parameter)

型号 Model	2800	3200
最大纸板规格 Max.Cardboard	1200×2400mm	1200×2800mm
速度 Speed	200m/min	200m/min
最小纸板规格 Mini.Cardboard	300×800mm	300×800mm
安装面积 Installation area	2800×15500mm ²	3000×15500mm ²
需要动力 Power Required	11.5kw	13.5kw
重量 weight	6500kg	7500kg

Feeding section:

- ◆ Vacuum suction feeding to feed warping paperboard easily.
- ◆ Quality electromagnetic clutch and brake adopted,feeding section controled independent,operation easily
- ◆ Scorer wheel adjustable,suit for 2-8mm thick paperboard
- ◆ Second creasing struction can impress again the paperboard which was not creased well;

BZX-2400

半自动粘箱机 Semi-auto gluer machine

**用途与特点:**

BZX2800型半自动粘箱机，由主机架、2个小输送机架组成。

主机架：机架、升降工作台、前段输送装置、前段校正装置、中段输送装置、中段压合装置、成品侧面输出装置、电气控制装置。

本机均采用进口电器，西门子电气、欧姆龙光电开关、日本东崎计数器、台湾明伟开关电源。糊头采用合金材质，耐酸碱，使用寿命长。整机马达除风机、升降电机外，均采用台湾晨邦电机。

Use and Characteristics:

BZX2800 Type Semi-auto gluer compose of main form and two small conveyer. Main form including: Form, up and down working table, Forepart feeding section, forepart proofread section, middle transportation section, middle press section, side carton delivery section, electric control system.

This machine adopt name brand import electric spare parts, siemens electric , omron photoelectricity switch, Japan TOKY counter Taiwan MINGWEI electric power supply Gluer head adopt special alloy material, anti-acidity and anti-alkalescence, to keeping the gluer head for long life. Main motors adopt Taiwan Chengpang motor.

最大尺寸 (长+宽)	Max size (L+W)(mm)	2400
最小尺寸 (长+宽)	Min size(L+W)(mm)	340
最大宽度	Max size(W+H)(mm)	1515
最小宽度	Min size(W+H)(mm)	240
高度	Height(mm)	900
功率	Power(kw)	4
重量	weight(kg)	2000
速度	speed(pcs/min)	40~60
机器外形尺寸	machine size(mm)	4300 × 2000 × 1700

BZX-1800

半自动压合式粘箱机 Semi-auto pressure folder gluer

**用途与特点:**

半自动压合式粘箱机是根据用户中小订单需要最新开发的，它体积小占地少，操作简便不需要经验，非常适合小批量产品的生产和品种的更换;适用范围广，普通纸箱、异型彩盒单页成型的粘合，加装自动喷胶装置后还能做勾底纸盒和天地盖纸盒；节省胶水，胶水用量只相当于手工操作的1/3；省人工，机器最高转速56米/分钟，效率是手工操作的3~4倍；粘接牢固、整齐不溢胶，专利双头打磨器能非常好的将粘口部进行打磨去除UV光膜层或覆膜塑料层等，提高胶水的粘接力，解除了纸箱厂在一些季节纸箱容易开胶的难题。本机由于采用手工收折，在提高工作效率的同时还适用于全自动机不好加工的压痕线不正、特殊异型与纸面有开窗的制品。

Use and Characteristics:

Jewels sticky box machine, semi-automatic pressure according to user needs the latest development, small and medium-sized order it small volume covers an area of less, easy operation does not need to experience, very suitable for small batch production and variety of replacement; Applicability is wide and ordinary carton, color box sheet forming glue, equipped with automatic spray glue device can do after hook box cover carton of heaven and earth; Save glue, glue dosage equivalent to only 1/3 of the manual glue; Less manpower, machine the highest speed of 56 meters per minute, efficiency is 3~4 times of the manual operation; Adhesion strong, neat don't glue, patent double grinding apparatus can very good remove sticky mouth to grind the UV light membrane layer or plastic laminating machine, etc., to improve the glue stick relay, lifted a cardboard-box factory carton does easy to glue problem in some season, The machine with manual folding, in improving the efficiency of bad also used throughout automata processing of indentation line is not straight, special shaped products with paper Windows.

MY1060T/1200T

全自动平压平模切机 Automatic die-cutting machine



Model 型号	1060T	1200T
Max. paper size 最大过纸	1060mmx760mm	1200mmx780mm
Min. paper size 最小过纸	400mmx370mm	400mmx370mm
Max. die cutting size 最大模切	1050mmx750mm	1190mmx710mm
Paper thickness 纸张厚度	paperboard: 0.12~2.0mm corrugated paper: ≤ 4mm	paperboard: 0.12~2.0mm corrugated paper: ≤ 4mm
paper feeding height 送纸高度	1500mm	1500mm
Paper delivering height 收纸高度	1220mm	1220mm
Die cutting precise 模切精度	≤ ± 0.10mm	≤ ± 0.15mm
Max. speed 最大速度	6500S/H	6500S/H
Pressure 压力	300T	300T
Power 功率	17KW	15KW
Main motor power 主电机功率	11KW	11KW
Dimension (length*width*height) 机器尺寸	7690mm*3800mm*2330mm	7690mm*3900mm*2330mm
Weight 重量	16T	17T

SERIAL	NAME	BRAND	PRODUCING AREA
1	Main Motor	SIEMENS	GERMANY
2	Servo Motor	YASKAWA	JAPAN
3	Servo Drive	self research and development	customization
4	Photoelectric Switch	OMRON	JAPAN
5	Contactor	SCHNEIDER	FRANCE
6	Button Switch	SCHNEIDER	FRANCE
7	Touch Screen	DELTA	TAIWAN
8	PLC (programmable logic controller)	OMRON	JAPAN
9	Converter	LS	KOREA
10	Rotary Encoder	OMRON	JAPAN
11	Relay	OMRON	JAPAN
12	Speed Reduction Motor	CPG(SHENG BANG)	TAIWAN
13	Pneumatic Clutch	OMNI(YUJI)	ITALY
14	Oil Filters	Wei Liang	TAIWAN
15	Rotating Joint	SMC	JAPAN
16	Main Solenoid Valve	ROSS	US Double Solenoid
17	Pump		Made in Shanghai
18	Lead edge feeder	European Technology	Customization
19	Gripper bar Chain	TSUBAKI CHAIN	JAPAN
20	Gripper bar	Aviation aluminum alloy	Custom Made
21	Die Cutting Steel Plate	DAE DONG	KOREA Datong
22	Oil Pump	YSETE	TAIWAN
23	Fasteners	F.G	TAIWAN JIYI
24	Bearings (main)	SKF	Sweden
25	Bearings (main)	NSK	Japan
26	Paper Belt	SAMPIA	Italy Sampra
27	coolers	LABER	China
28	torque limiter	TONG SHIN	Taiwan
29	crankshaft material	nickel chromium molybdenum alloy steel	Japan
30	crankshaft machining		Taiwan
31	worm gear	WANCHENG	Taiwan
32	worm	WANCHENG	Taiwan
33	cam materials	high carbon chromium steel	Japan
34	cam machined		Taiwan
35	sealing ring and oil seal	FP-ATS	Italy
36	intermittent split	DEX	Taiwan Deshi
37	linear guide	HWIN	Taiwan HWIN

Use and Characteristics:

- ◆ It is key equipment for die cutting, creasing and embossing of box, carton and label etc.
- ◆ The machine adopts high precision indexing intermittent, pneumatic die lock mechanism, air clutch, over load protection mechanism, electric pressure adjust mechanism, ensuring smooth and high speed running. It also equipped with preloading mechanism, vice feeding mechanism, speed-variable paper conveying mechanism, auto lubrication system.
- ◆ Main driving base lubrication oil chilling system etc. exerting the machine's full potential.
- ◆ All electric parts and driving parts are all from internationally famous brands, ensuing the stability of high speed running and high precision of die cutting. PLC and electronic code real-time monitor whole machine running, diagnosing malfunctions conveniently. Big size man-machine interface display machine running state, malfunction point and trouble-shooting ways.



MY1300/1500/1650

全自动平压平模切机 Lead edge feeder flat bed creasing and die cutting machine

Use and Characteristics:

- ◆ It is key equipment for die cutting, creasing and embossing of box, carton and label etc.
- ◆ The machine adopts high precision indexing intermittent, pneumatic die lock mechanism, air clutch, over load protection mechanism, electric pressure adjust mechanism, ensuring smooth and high speed running. It also equipped with preloading mechanism, vice feeding mechanism, speed-variable paper conveying mechanism, auto lubrication system,
- ◆ Main driving base lubrication oil chilling system etc, exerting the machine's full potential.
- ◆ All electric parts and driving parts are all from internationally famous brands, ensuing the stability of high speed running and high precision of die cutting. PLC and electronic code real-time monitor whole machine running, diagnosing malfunctions conveniently. Big size man-machine interface display machine running state, malfunction point and trouble-shooting ways.

型号	MY1300	MY1500	MY1650
最大输纸尺寸 Max. paper size (mm)	1320 × 980mm	1510 × 1120mm	1670 × 1200mm
最小输纸尺寸 Min. paper size (mm)	350 × 450	450 × 500	500 × 550
最大模切尺寸 Max. die cutting size (mm)	1300 × 960	1490 × 1100	1650 × 1180
模切压力Pressure (T)	350T	380T	400T
可加工纸张 Paper thickness (mm) 瓦楞纸	3–10mm	3–10mm	3–10mm
最高速度Max. speed (sheets/h)	5000	5000	4500
总功率Power (KW)	24.5kw	24.5kw	32kw
全清废All clear waste	28.5kw	28.5kw	35kw
整机重量Weight	16.5T	19.5T	23T
机器外形尺寸Dimension	5900 × 2365 × 2346mm	6200 × 2380 × 2356mm	7000 × 2980 × 2450mm
全清废All clear waste	7080 × 2365 × 2346mm	7400 × 2365 × 2346mm	8500 × 2365 × 2346mm

MY1200/1300/1500/1650

半自动平压平模切机 Semi-automatic die-cutting machine



Use and Characteristics:

- ◆ It is key equipment for die cutting, creasing and embossing of box, carton and label etc.
- ◆ The machine adopts high precision indexing intermittent, pneumatic die lock mechanism, air clutch, over load protection mechanism, electric pressure adjust mechanism, ensuring smooth and high speed running. It also equipped with preloading mechanism, vice feeding mechanism, speed-variable paper conveying mechanism, auto lubrication system,
- ◆ Main driving base lubrication oil chilling system etc, exerting the machine's full potential.
- ◆ All electric parts and driving parts are all from internationally famous brands, ensuing the stability of high speed running and high precision of die cutting. PLC and electronic code real-time monitor whole machine running, diagnosing malfunctions conveniently. Big size man-machine interface display machine running state, malfunction point and trouble-shooting ways.

型号	Model	MY-1200	MY-1300	MY-1500	MY-1650
最大输纸尺寸 (mm)	Max.Paper Size	1230 × 850mm	1320 × 940mm	1510 × 1120mm	1670 × 1250mm
最小输纸尺寸 (mm)	Min.Paper Size	350 × 450mm	400 × 500mm	450 × 550mm	500 × 550mm
最大模切尺寸 (mm)	Max.Die-cutting Size	1210 × 830mm	1300 × 920mm	1490 × 1100mm	1650 × 1200mm
最小叨口尺寸 (mm)	The minimum size in mouth	8	8	8	8
最大模切压力 (T)	Max.Die-cutting Pressure	300n/cm ²	300n/cm ²	300n/cm ²	300n/cm ²
可加工纸张 (mm)	白板纸 Cardboard	200–2000g/m ²	200–2000g/m ²	200–2000g/m ²	200–2000g/m ²
	瓦楞纸 Corrugated paper	8mm(max,thickness)	8mm(max,thickness)	8mm(max,thickness)	8mm(max,thickness)
模切精度 (mm)	Die cutting precision	± 0,1	± 0,1	± 0,1	± 0,1
最高速度 (sheets/h)	Max.die-cutting speed	4500 sheets/h	4500 sheets/h	4500 sheets/h	4000 sheets/h
给纸堆最大高度 (mm)	Max.Feeding Pile Height	1400mm(above thelevel)	1400mm(above thelevel)	1400mm(above thelevel)	1400mm(above thelevel)
收纸堆最大高度 (mm)	Max.Collecting Pile Height	1200mm(above thelevel)	1250mm(above thelevel)	1250mm(above thelevel)	1300mm(above thelevel)
总功率 (kw)	Total Power	11kW	13,5kW	13,5kW	20kW
整机重量 (t)	Weight	13T	14,5T	17,5T	21T
机器外形尺寸	Dimensions	4200 × 2200 × 2250mm	4200 × 2250 × 2250mm	4200 × 2300 × 2250mm	4200 × 2450 × 2250mm

**ML750/930/1100/1200/1300/1400/1500/
1600/1800/2000/2200/2500 平压压痕切线机 Creasing machine**



高速圆压圆模切机
Automatic rotary die cutting machine



BFD薄刀分切压痕机
BFD Thin Blade



纸箱自动捆扎机
Cartons are automatic strapping machine



轮转开槽成型机
Rotary slotter machine

型号	最大有效压切面积	工作速度	压痕切片长度	电机功率	重量	外形尺寸 (长×宽×高)
PYQ401C	750 × 520mm	28 ± 2(stroes/min)	< 15m	2.2kw	2000kg	1260 × 1350 × 1280mm
PYQ203D	930 × 670mm	23 ± 2(stroes/min)	< 25m	4.0kw	3000kg	1800 × 1600 × 1600mm
ML 1100	1100 × 800mm	20 ± 2(stroes/min)	< 32m	5.5 kw	4500kg	1900 × 1800 × 1700mm
ML 1200	1200 × 830mm	20 ± 2(stroes/min)	< 35m	5.5 kw	4800kg	1900 × 2000 × 1700mm
ML 1300	1300 × 920mm	18 ± 2(stroes/min)	< 40m	5.5 kw/7.5kw	6000kg	2000 × 2400 × 1800mm
ML 1400	1400 × 1000mm	18 ± 2(stroes/min)	< 45m	5.5 kw/7.5kw	6500kg	2000 × 2450 × 1900mm
ML 1500	1500 × 1050mm	18 ± 2(stroes/min)	< 45m	5.5 kw/7.5kw	7000kg	2000 × 2500 × 1930mm
ML 1600	1600 × 1250mm	16 ± 2(stroes/min)	< 50m	11kw	11000kg	2170 × 2560 × 2130mm
ML 1800	1800 × 1300mm	16 ± 2 (stroes/min)	< 62m	15kw	13500kg	2240 × 2800 × 2230mm
ML 2000	2000 × 1400mm	16 ± 2 (stroes/min)	< 80m	15kw	14500kg	2280 × 2900 × 2230mm
ML 2200	2200 × 1450mm	16 ± 2 (stroes/min)	< 90m	18kw	16500kg	2280 × 3000 × 2250mm
ML 2500	2500 × 1600mm	13 ± 2 (stroes/min)	< 92m	22kw	20000kg	3580 × 2400 × 2550mm

**ML750/930/1100/1200/1300/
1400/1500 电脑程控烫金模切两用机 Foil stamping & die-cutting machine**

- 1、轴承采用优质哈尔滨品牌，耐腐免维护
- 2、机身采用高质材料整体铸造，强度高，钢性好
- 3、具有单张压切，连续压切和打开延时三功能，延时范围可随意调节
- 4、飞轮力矩大，压切力大
- 5、单片式电磁离合器动作灵敏可靠
- 6、操作高度设计合理，压架打开角度大
1. Bearing quality Harbin brand, wear and avoid maintenance
2. The fuselage is made of high quality materials, with high strength and good steel
3. With single pressure cutting, continuous pressure cutting and open delay three functions, the delay range can be adjusted freely
4. The flywheel is big and has great pressure
5. Single - plate electromagnetic clutch is sensitive and reliable
6. The operation height design is reasonable, the pressure frame opens the Angle



中速型全自动双头捆扎机
Automatic corrugated carton tying machine



打捆机
Bander

