



SAILI赛力®

2023
GROOVING
DESIGNER ON
SAILI COMPANY

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SAILI赛力®

浙江赛力智能制造有限公司

ZHEJIANG SAILI INTELLIGENT MANUFACTURING CO.,LTD

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GROOVING MACHINE
开槽机



赛力智能与您共同成长 Saili Machinery grows with you



赛力发明开槽机核心技术（开槽就是在包装盒所用的纸板、卡纸上去除V槽纤维），将此技术运用于包装盒制造工艺上，以提高包装盒的视觉效果。目前此项技术得到广泛应用，成为包装盒生产商必不可少的新工艺。

Saili was the first manufacturer in the world to develop grooving technology (grooving is the removal of V-groove fibers from gray board and thin cardboard used in packaging boxes) and to apply this technology to the box manufacturing process to improve the visual effect of the boxes. This technology is now widely used and has become an essential new process for packaging box manufacturers.

经营战略 Business strategy



技术创新
Technology innovation



品质管理
Quality management



诚信/以诚信为本，专注专信
Integrity/Integrity-based,
dedicated and trustworthy



严谨/重视细节，追求完美
Rigorous / attention to detail,
the pursuit of perfection



合作/群策群力，分享共赢
Cooperation / Group effect,
share and win together



创新/优化平台，持续发展
Innovation/optimized platform
for sustainable development

赛力开槽机、专注好包装

Saili —— the most professional manufacturer of grooving machine for different package boxes.



5G
SAILI-Connect 4.0

赛力专注开槽机 20+ 年

SAILI has been specialising in grooving machine for over 20 years

面纸开槽 赛力之见

开槽工艺作为一种提升包装视觉效果的加工方式，近年来在电子产品等包装盒领域逐渐兴起并流行。开槽是指利用两片锋利的刀片组合成V型刀具在卡纸或灰板表面沿设计好的路线及深度取出多余的纤维形成一道或多道槽线，目的是使卡纸或灰板沿槽线折叠成立体棱角。

在200-300g厚度仅为0.2mm的面纸上开槽，深度需控制在0.08mm稍有点误差就会导致槽过深或过浅（滚筒表面精度控制在0.02mm以内）。表面复膜后的面纸在传统开槽机的分张输送过程中会出现刮花、拉丝等问题，严重影响产品质量；全新飞达开槽机，采用飞达吸嘴吸附面纸，面纸至上而下分张，避免了上下面纸分张过程的摩擦，解决了面纸表面刮花、拉丝等问题。

Paper Grooving , Saili's View

As a processing method to enhance the visual effect of packaging, grooving process has gradually emerged and become popular in the field of electronic products and other packaging boxes in recent years. Grooving way is the use of two sharp blades combined into a V-shaped tool to remove excess fibers along a designed route and depth on the surface of cardboard or gray board to form one or more grooving lines, with the aim of making the cardboard or gray board fold along the grooving lines to form the 90 degree angle of boxes.

Grooving on 200-300g(0.2mm) paper, the depth needs to be controlled at 0.08mm, a little error will cause the groove too deep or too shallow (the roller surface beating accuracy is controlled within 0.02mm). The surface of the paper after the film in the traditional slotting machine in the sheeting process will be scraping, drawing and other problems, seriously affecting product quality; The Saili new Feida grooving machine, using Feida nozzle adsorption paper, the paper up and down sheeting, to avoid the friction of the paper sheeting process above and below, to solve the surface of the paper scraping, drawing and other problems.



SLQ-600C

FULL SERVO BIDIRECTIONAL GROOVING MACHINE
全伺服卡纸双向开槽机

铜版纸
Coated paper

特种纸
Specialty paper

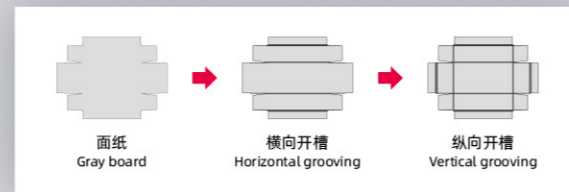
卡纸
Ivory board



重大优点 Major Advantages

1. 飞达送纸（无刮花），解决皮带分张刮花问题。
 2. 滚筒（翻转）转向（无刮花）、速度快。
 3. 侧面排废：侧面整体清废，提高产能使设备更加稳定。
 4. 自动收成品：节省成品的整理时间。
1. Feidal feeding (no scratch), solve the problem of paper surface being scratched when the belt divides the sheet.
 2. Scroll flipping steering system (no scratch), fast, high stability.
 3. Waste discharge: the waste will be delivery out of the machine automatically by dedicated conveyor belt, improve capacity to make the equipment more stable.
 4. Automatic collection of finished products: save the finishing time of finished products.

工艺流程 Process flow



重大优点 Major Advantages

1. 开槽刀座伺服数控调节：左右移动精度0.02mm。
 2. 纠偏拉规伺服数控调节。
 3. 大滚筒皮带伺服数控调节。
 4. 保留历史尺寸数据：输入槽间距、其他部份（大滚筒皮带移动、靠边移动、开槽刀座左右移动）一键启动到位。
 5. 新增纸张表面除尘和去静电功能。
1. Servo CNC adjustment of grooving knife: left and right movement accuracy 0.02mm.
 2. Servo CNC adjustment of corrective pulling gauge.
 3. Servo CNC adjustment of large roller belt.
 4. Historical dimensional data retention: input groove distance, other parts (large roller belt movement, corrective pulling gauge movement, grooving knife seat left and right movement) one key to start positioning.
 5. Additional cardboard surface dust removal and de-static function.

主要技术参数 Technical Parameters

功能	Function	SLQ-600C
第一道进料尺寸	Material Size Of 1st Step	Length: 195-500mm, Width: 195-600mm
第二道进料尺寸	Material Size Of 2nd Step	Length: 195-600mm, Width: 195-500mm
第一道开槽条数	Max Grooving Lines Of 1st Step	6条 6 lines
第二道开槽条数	Max Grooving Lines Of 2nd Step	6条 6 lines
最高精度	Best Accuracy	±0.05mm
正常精度	Normally Accuracy	±0.1mm
材料厚度	Material Thickness	200-350克 200-350gsm
刀头角度	Grooving Angle	80度-140度可以调 (90°=80°-110°) (120°=110°-140°) (90°knife holder used for making 80°-110°grooving angel) (120°knife holder used for making 110°-140° grooving angel)
刀头角度调节方式	Adjustable Angle Type	每把刀头单独调节 Knife holder can adjustable independently
速度	Speed	(300mm×300mm)/80pcs/min 80pcs/min (if size 300×300mm)
横梁条数	Quantity Of Girder	第一道2条, 第二道2条 2Girders (1st step), 2Girders (2nd step)
多少排刀	Quantity Of Knife Row	第一道和第二道各3排刀 3 rows of knife on each grooving part
送纸方式	Feeding Type	上吸风（飞达送纸） Feida Air feeding system
平台加纸方式	Platform Type Of Adding Paper	上下双平台（节省上纸时间） Upper and Lower Platform(Save time of paper putting)
左右调刀	Knife Left Or Right Position	伺服自动定位（精度0.02mm） Servo automatic positioning (accuracy 0.02mm)
刀尖对刀	Knife Adjustment	工具快捷对齐刀片 Use tool to align the blade
滚筒皮带调节	Adjustable Scroll Belt	数控自动调节 CNC automatic adjustment
清废	Waste Material Delivery System	吸气+机器侧面自动清废 Suction device + side delivery system
磨刀机	Knife Sharpener	自动磨刀机 Auto knife sharpener
整机重量	Weight	5800KGS
功率	Power	15.5kw
整机尺寸	Machine Size	3500×3600×1860mm
操作占地面积	Floor Space Of Machine	11m²
拉规调节方式	Pulling Gauge Adjustment	伺服数控自动调节 Servo CNC automatic adjustment
第一道纠偏原理	Correction Principle Of 1st Step	皮带纠偏+钢珠拉规 Belt Correction+stell ball correction
第二道纠偏原理	Correction Principle Of 2nd Step	皮带纠偏+钢珠拉规 Belt Correction+stell ball correction
（转向）翻转原理	Flipping Principle (Change Direction)	滚筒翻转（翻转原理） Scroll Flipping (Flipping principle)

SLQ-600S

THIN CARDBOARD BIDIRECTIONAL CNC GROOVING MACHINE
卡纸七字双向数控开槽机



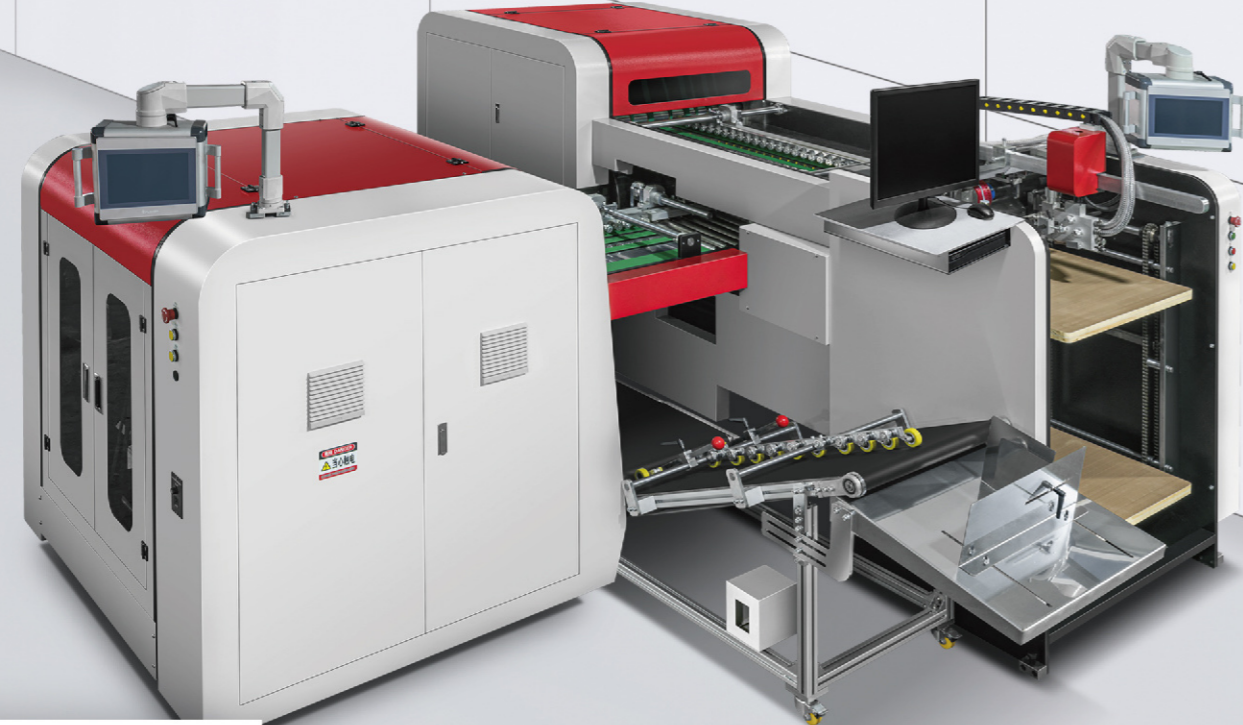
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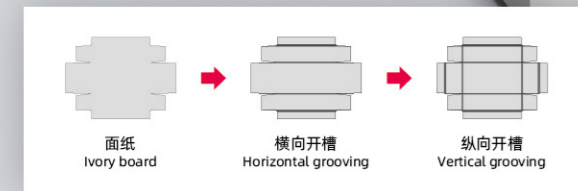


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工艺流程 Process flow



- 铜版纸
Coated paper
- 特种纸
Specialty paper
- 卡纸
Ivory board

重大优点 Major Advantages

1. 飞达送纸（无刮花），解决皮带分张刮花问题。
 2. 滚筒（翻转）转向（无刮花）、速度快。
 3. 侧面排废：侧面整体清废，提高产能使设备更加稳定。
 4. 自动收成品：节省成品的整理时间。
1. Feidal feeding (no scratch), solve the problem of paper surface being scratched when the belt divides the sheet.
 2. Scroll flipping steering system (no scratch), fast, high stability.
 3. Waste discharge: the waste will be delivery out of the machine automatically by dedicated conveyor belt , improve capacity to make the equipment more stable.
 4. Automatic collection of finished products: save the finishing time of finished products.

主要技术参数 Technical Parameters

功能	Function	SLQ-600S
第一道进料尺寸	Material Size Of 1st Step	Length: 195-500mm, Width: 195-600mm
第二道进料尺寸	Material Size Of 2nd Step	Length: 195-600mm, Width: 195-500mm
第一道开槽条数	Max Grooving Lines Of 1st Step	6条 6 lines
第二道开槽条数	Max Grooving Lines Of 2nd Step	6条 6 lines
最高精度	Best Accuracy	±0.05mm
正常精度	Normally Accuracy	±0.1mm
材料厚度	Material Thickness	200-350克 200-350gsm
刀头角度	Grooving Angle	80度-140度可以调 (90°=80°-110°) (120°=110°-140°) (90°knife holder used for making 80°-110°grooving angel) (120°knife holder used for making 110°-140° grooving angel)
刀头角度调节方式	Adjustable Angle Type	每把刀头单独调节 Knife holder can adjustable independently
速度	Speed	(300mm×300mm)/80pcs/min 80pcs/min (if size 300×300mm)
横梁条数	Quantity Of Girder	第一道2条, 第二道2条 2Girders (1st step), 2Girders (2nd step)
多少排刀	Quantity Of Knife Row	第一道和第二道各3排刀 3 rows of knife on each grooving part
送纸方式	Feeding Type	上吸风（飞达送纸） Feida Air feeding system
平台加纸方式	Platform Type Of Adding Paper	上下双平台（节省上纸时间） Upper and Lower Platform (Save time of paper putting)
左右调刀	Knife Left Or Right Position	伺服自动定位（精度0.02mm） Servo automatic positioning (accuracy 0.02mm)
滚筒皮带调节	Adjustable Scroll Belt	手轮快捷移动皮带 Remove the belt quickly by handwheel
清废	Waste Material Delivery System	吸气+机器侧面自动清废 Suction device + side delivery system
磨刀机	Knife Sharpenner	自动磨刀机 Auto knife sharpener
整机重量	Weight	5200KGS
功率	Power	13.5kw
整机尺寸	Machine Size	3200×2950×1570mm
操作占地面积	Floor Space Of Machine	10m²
第一道纠偏原理	Correction Principle Of 1st Step	皮带纠偏+钢珠拉规 Belt Correction+stell ball correction
第二道纠偏原理	Correction Principle Of 2nd Step	皮带纠偏+钢珠拉规 Belt Correction+stell ball correction
（转向）翻转原理	Flipping Principle (Change Direction)	滚筒翻转（翻转原理） Scroll Flipping (Flipping principle)

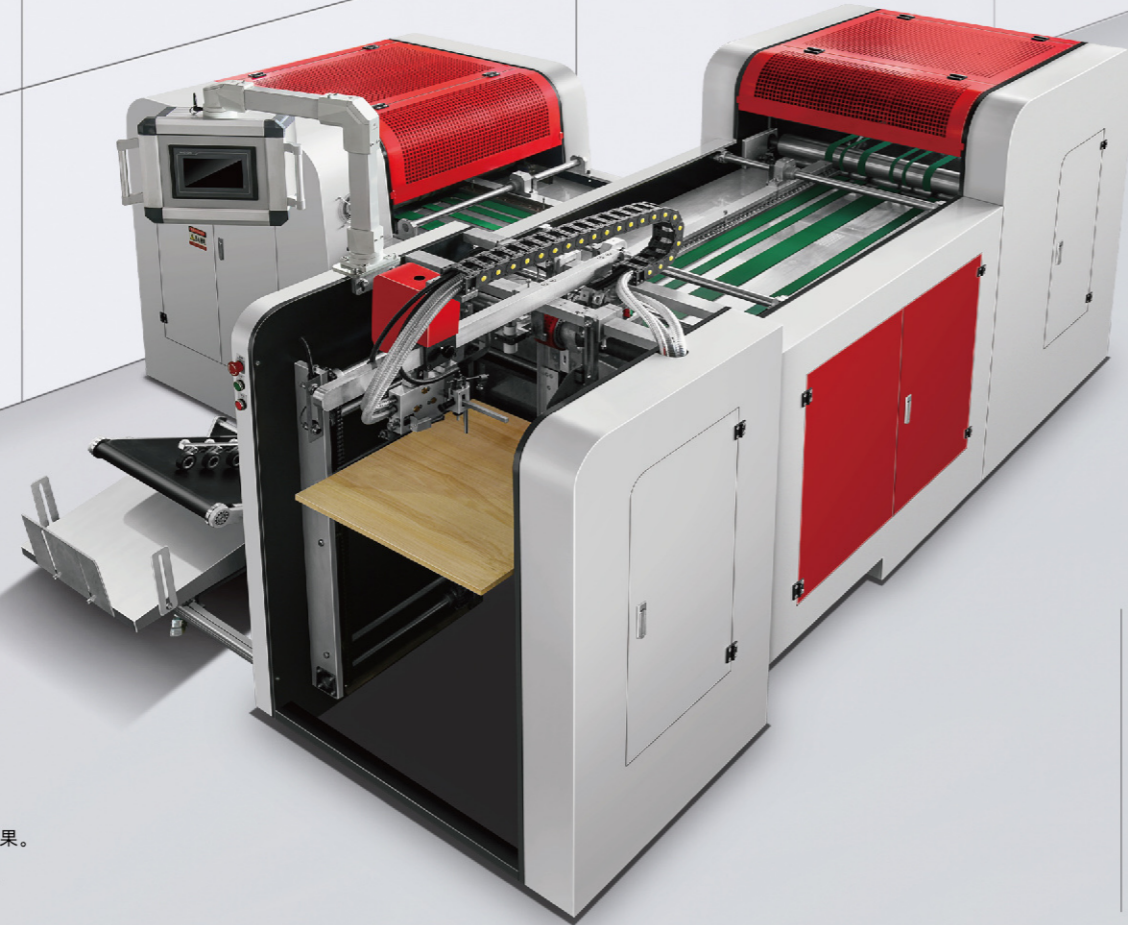
SLQ-600

THIN CARDBOARD AUTOMATIC BIDIRECTIONAL GROOVING MACHINE
卡纸七字双向开槽机

铜版纸
Coated paper

特种纸
Specialty paper

卡纸
Ivory board



适用范围 Usage

针对铜版纸、卡纸双向V槽；有棱有角提高包装盒视觉效果。
Two-way V-groove for coated paper and ivory board, improve the visual effect a of packaging boxes.



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重大优点 Major Advantages

1. 飞达送纸（无刮花），解决皮带分张刮花问题。
 2. 滚筒（翻转）转向（无刮花）、速度快。
 3. 侧面排废：侧面整体清废，提高产能使设备更加稳定。
 4. 自动收成品：节省出成品的整理时间。
1. Feidal feeding (no scratch), solve the problem of paper surface being scratched when the belt divides the sheet.
 2. Scroll flipping steering system (no scratch), fast, high stability.
 3. Waste discharge: the waste will be delivery out of the machine automatically by dedicated conveyor belt, improve capacity to make the equipment more stable.
 4. Automatic collection of finished products: save the finishing time of finished products.

主要技术参数 Technical Parameters

功能	Function	SLQ-600
第一道进料尺寸	Material Size Of 1st Step	Length: 195-500mm, Width: 195-500mm
第二道进料尺寸	Material Size Of 2nd Step	Length: 195-500mm, Width: 195-500mm
第一道开槽条数	Max Grooving Lines Of 1st Step	6条 6 lines
第二道开槽条数	Max Grooving Lines Of 2nd Step	6条 6 lines
最高精度	Best Accuracy	±0.05mm
正常精度	Normally Accuracy	±0.1mm
材料厚度	Material Thickness	200-350克 200-350gsm
刀头角度	Grooving Angle	80度-140度可以调 (90°=80°-110°) (120°=110°-140°) (90°knife holder used for making 80°-110°grooving angel) (120°knife holder used for making 110°-140° grooving angel)
刀头角度调节方式	Adjustable Angle Type	每把刀头单独调节 Knife holder can adjustable independently
速度	Speed	(300mm×300mm)/80pcs/min 80pcs/min(if size 300×300mm)
横梁条数	Quantity Of Girder	第一道2条, 第二道2条 2Girders (1st step), 2Girders (2nd step)
多少排刀	Quantity Of Knife Row	第一道和第二道各3排刀 3 rows of knife on each grooving part
送纸方式	Feeding Type	上吸风（飞达送纸） Feida Air feeding system
平台加纸方式	Platform Type Of Adding Paper	上下双平台（节省上纸时间） Upper and Lower Platform(Save time of paper putting)
滚筒皮带调节	Adjustable Scroll Belt	手轮快捷移动皮带 Remove the belt quickly by handwheel
清废	Waste Material Delivery System	吸气+机器侧面自动清废 Suction device + side delivery system
磨刀机	Knife Sharpenner	自动磨刀机 Auto knife sharpener
整机重量	Weight	3000kg
功率	Power	12.5kw
整机尺寸	Machine Size	3200×2950×1570mm
操作占地面积	Floor Space Of Machine	10m²
第一道纠偏原理	Correction Principle Of 1st Step	皮带纠偏+钢珠拉规 Belt Correction+stell ball correction
第二道纠偏原理	Correction Principle Of 2nd Step	皮带纠偏+钢珠拉规 Belt Correction+stell ball correction
（转向）翻转原理	Flipping Principle (Change Direction)	滚筒翻转（翻转原理） Scroll Flipping (Flipping principle)

SLZ-928S

FULL SERVO UNIDIRECTIONAL GROOVING MACHINE
全伺服单向开槽机



灰纸板
Gray board

对裱卡纸
Laminating cardboard

卡纸
Ivory board

瓦楞纸
Corrugated board

重大优点 Major Advantages

1. 开槽刀座伺服数控调节：左右移动精度0.02mm。
 2. 纠偏拉规伺服数控调节。
 3. 大滚筒皮带伺服数控调节。
 4. 保留历史尺寸数据：输入槽间距、其他部分（大滚筒皮带移动、靠边移动、开槽刀座左右移动）一键启动到位。
 5. 进料部分：含真空吸附，有利于特种纸分张进料。
 6. 侧边自动排废系统，自动爬坡出料收料。
1. Servo numerical control adjustment of grooving knife : left and right movement accuracy 0.02mm.
 2. Servo numerical control adjustment of corrective pulling gauge.
 3. Servo numerical control adjustment of rolling belt.
 4. Retain the historical size data: input groove pitch, other parts (large drum belt movement, pulling gauge movement, grooving knife seat left and right movement) a key to start in place.
 5. Feeding part: with vacuum adsorption, conducive to the special paper sheet feeding.
 6. Automatic waste discharge system, automatic climbing out of the material receipt.

主要技术参数 Technical Parameters

功能	Function	SLZ-928S
进料宽度	Width Of Work Piece	120-850mm
进料长度	Length Of Work Piece	120-500mm
厚度	Material Thickness	300GSM-3.5mm
送纸方式	Feeding Way	真空吸附式皮带摩擦 Vacuum adsorption belt friction feeding
单双通道	Single Or Double Feeding	Single feeder
开槽精度	Grooving Accuracy	±0.05mm
最快速度	The Best Speed	80-120PCS/Min (size 200*200mm)
正常速度	Normal Speed	70-80PCS/Min
横梁条数	Number Of Crossbeam	2
开槽角度	Groove Degree	90-130°
开槽条数	Number Of Grooving Knife	12 (3 rows of grooving knives)
功率	Power	4.5KW
自动磨刀机	Auto Blade Sharpener	1 SET
收料电机	Motor Of Collecting Board	变频调速 Variable frequency speed control
重量	Weight	3.2KGS
尺寸	Dimension	3260×1900×1730mm

SLZ-935B

SERVO EDGE CORRECTION CARDBOARD GROOVING MACHINE
伺服纠偏卡纸开槽机



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铜版纸
Coated paper

特种纸
Specialty paper

卡纸
Ivory board



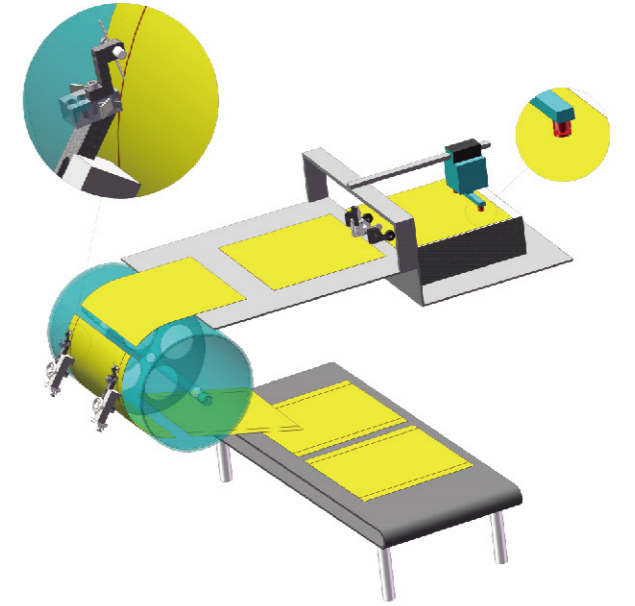
重大优点 Major Advantages

1. 自动清废功能
 2. 磁栅辅助定位系统
 3. 自动爬坡收料架
 4. 伺服纠偏
1. Automatic waste delivery system
 2. Magnetic grating assisted positioning system
 3. Automatic slant conveyor belt
 4. Servo edge correction

采用高速飞达分张送纸，解决异型工艺的卡纸皮带分张刮钩问题、解决皮带分张刮花问题。双张检测自动停机。

This machine is used high speed feeder for sub- sheeting feeding, it resolves the scraping problem of special shape paperboard. When the two paperboard is feeding in one time, the machine will be automatically shut down.

包装之美、在于开槽
开槽之道、赛力创造
Beautiful Package on V grooving
Grooving Designer on Saili Company

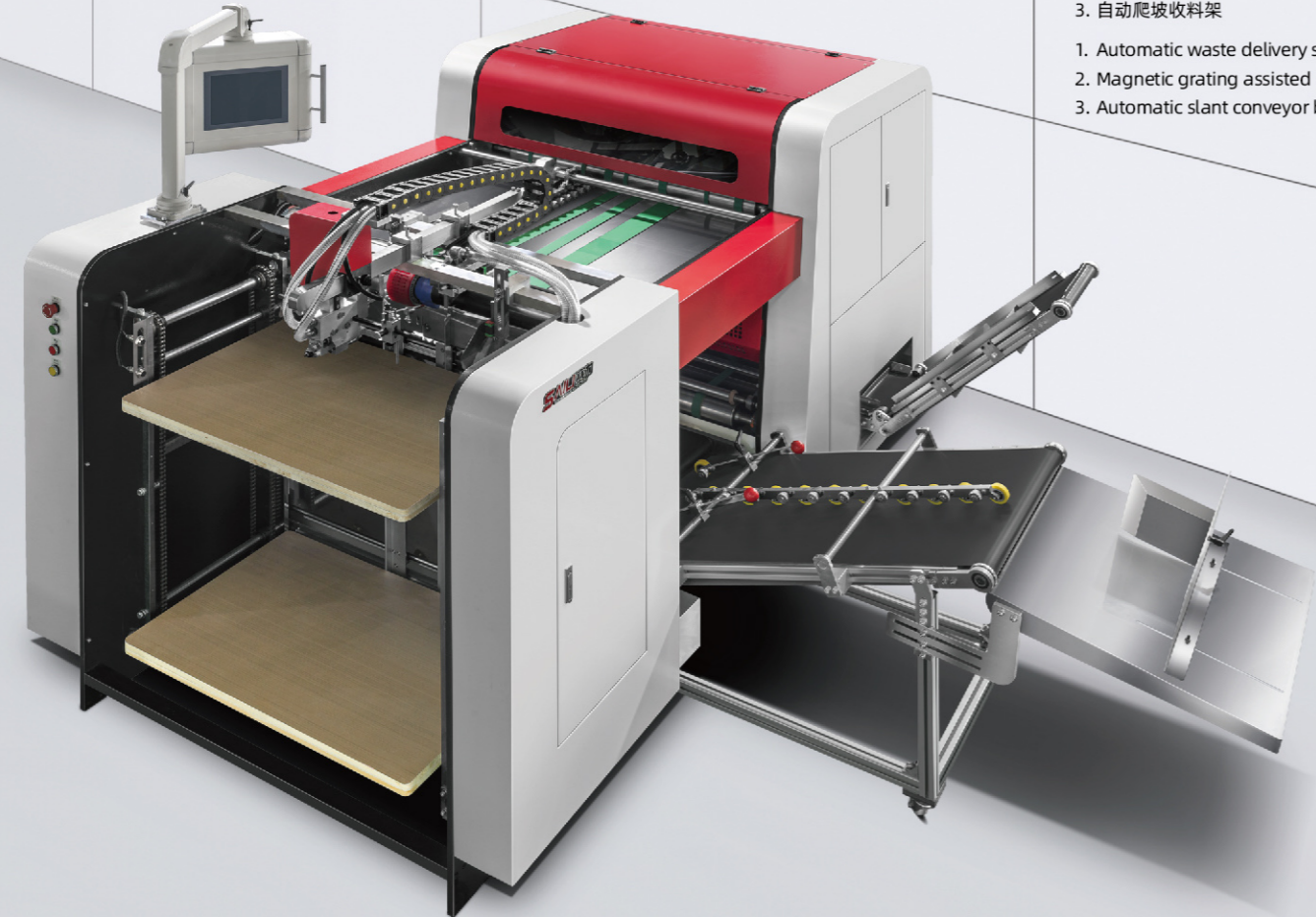


主要技术参数 Technical Parameters

功能	Function	SLZ-935B
宽向尺寸	Width Of Work Piece	195-600mm
长向尺寸	Length Of Work Piece	195-500mm
纸张厚度	Thickness Of Work Piece	157-350gsm
开槽速度	Normal Speed	100pcs/min (300×300mm)
开槽精度	Normal Accuracy	0.1mm
开槽条数	Quantity Of Groove	12grooves
收料方式	Vibration Table Receiver	自动收成品：节省成品的整理时间 Automatic collection of finished products: saves time in finishing the finished product
送纸方式	Feeding Type	上吸风送纸 Air feida feeding
单双通道	Single Feeder On Double Feeder	单通道 Single feeder
纠偏调节方式	Edge Corection Adjustment	伺服数控调节 Servo CNC automatic adjustment
纠偏原理	Correction Principle	滚珠纠偏原理 Steel ball correction automatically
横梁条数	Quantity Of Girder	3条
磨刀机	Knife Sharpener	自动磨刀机 Auto knife sharpener
整机功率	Power	3.5kw
外型尺寸	Machine	2500×1300×1350mm
整机重量	Weight	1800kg

SLZ-935

THIN CARDBOARD AUTOMATIC GOOVING MACHINE
异型卡纸开槽机



重大优点 Major Advantages

1. 自动清废功能
 2. 磁栅辅助定位系统
 3. 自动爬坡收料架
1. Automatic waste delivery system
 2. Magnetic grating assisted positioning system
 3. Automatic slant conveyor belt

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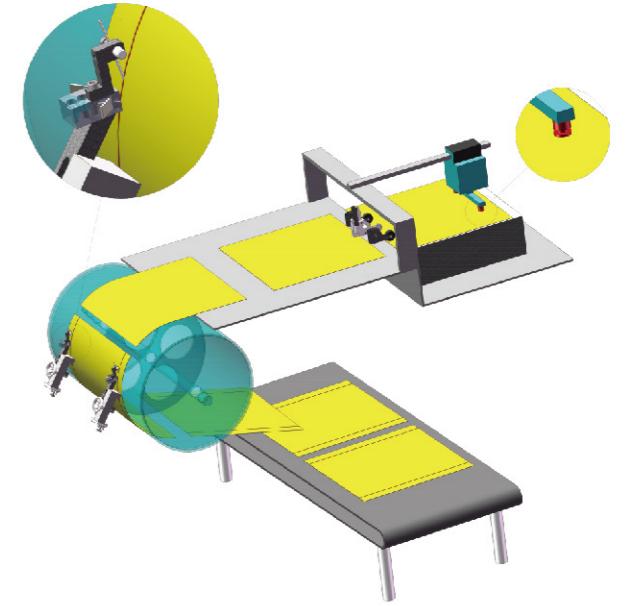
铜版纸
Coated paper

特种纸
Specialty paper

卡纸
Ivory board

采用高速飞达分张送纸，解决异型工艺的卡纸皮带分张刮钩问题、解决皮带分张刮花问题。双张检测自动停机。

This machine is used high speed feeder for sub- sheeting feeding, it resolves the scraping problem of special shape paperboard. When the two paperboard is feeding in one time, the machine will be automatically shut down.



赛力让世界包装盒变得更漂亮
Saili makes the world's
packaging box more beautiful

主要技术参数 Technical Parameters

功能	Function	SLZ-935
宽向尺寸	Width Of Work Piece	195-600mm
长向尺寸	Length Of Work Piece	195-500mm
纸张厚度	Thickness Of Work Piece	157-350gsm
开槽速度	Normal Speed	100pcs/min (300×300mm)
开槽精度	Normal Accuracy	0.1mm
开槽条数	Quantity Of Groove	12grooves
收料方式	Vibration Table Receiver	自动收成品：节省出成品的整理时间 Automatic collection of finished products: saves time in finishing the finished product
送纸方式	Feeding Type	上吸风送纸 Air feida feeding
单双通道	Single Feeder On Double Feeder	单通道 Single feeder
纠偏调节方式	Edge Corection Adjustment	伺服数控调节 Servo CNC automatic adjustment
纠偏原理	Correction Principle	滚珠纠偏原理 Steel ball correction automatically
横梁条数	Quantity Of Girder	3条
磨刀机	Knife Sharpener	自动磨刀机 Auto knife sharpener
整机功率	Power	3.5kw
外型尺寸	Machine	2500×1300×1350mm
整机重量	Weight	1700kg

KLZ-930B

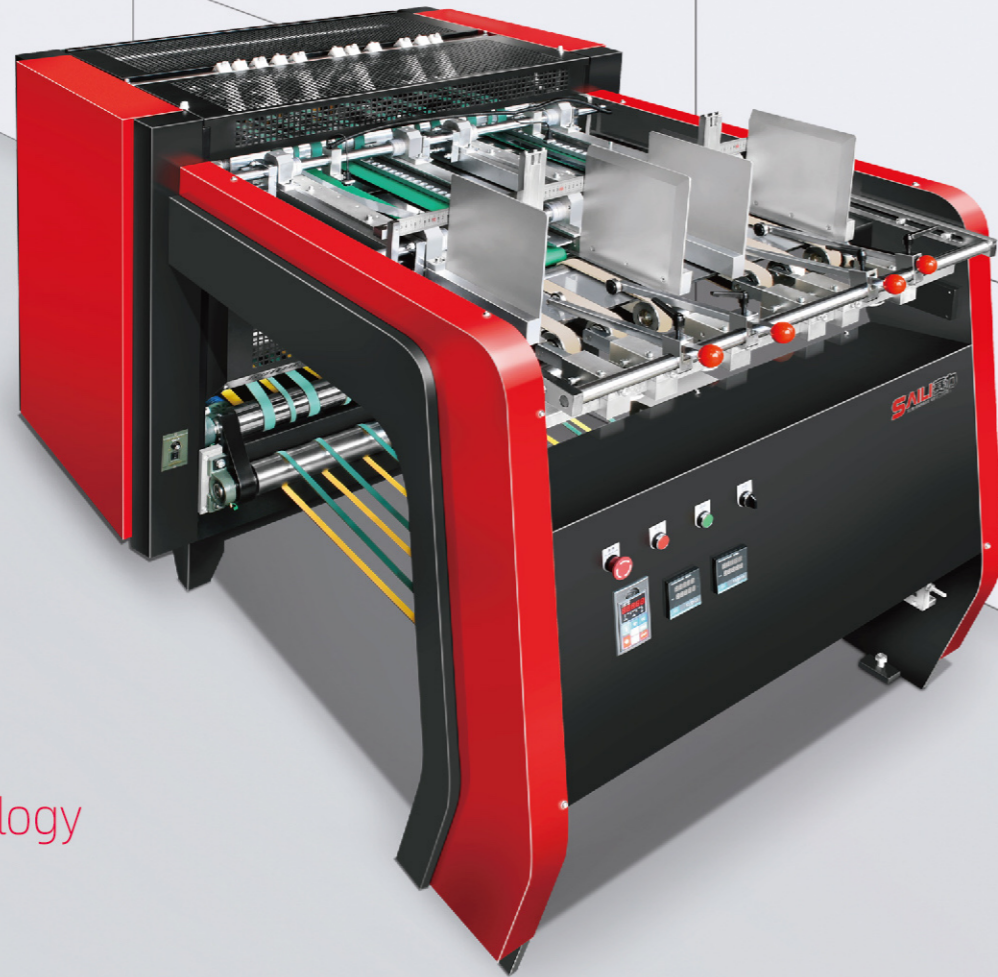
AUTOMATIC GROOVING MACHINE
全自动滚筒式起沟机

灰纸板
Gray board

铜版纸
Coated paper

对裱卡纸
Laminating cardboard

卡纸
Ivory board



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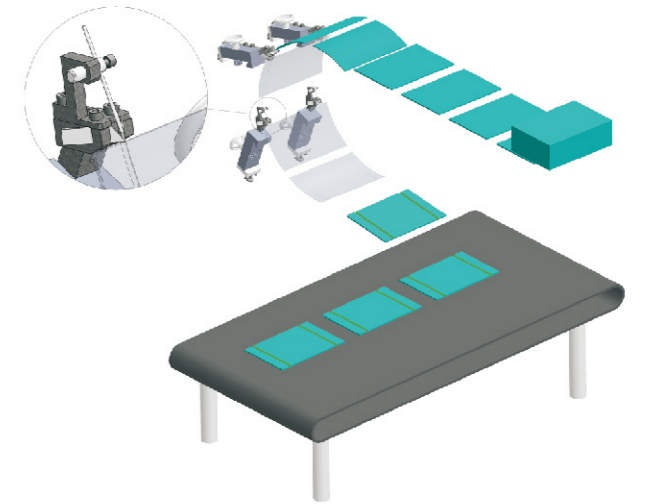
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赛力发明开槽机
的核心技术

To invent core technology
of grooving machine

采用皮带摩擦自动送纸，单边靠边自动纠偏原理（比双边靠边精度提高50%）保证送板精度，解决手动送板不稳定的因素。滚筒皮带捆绑式开槽，才能保证开槽的精度和速度。适用于制作天地盖盒（横竖开槽）、书型盒等，只要有单边可以定位的各种材质的异型盒子均可开槽。

Adopt belt friction automatic cardboard feeding, single-sided edge automatic correction principle to ensure the accuracy of cardboard feeding and solve the factor of manual cardboard feeding instability. Drum belt strapping grooving can ensure the accuracy and speed of grooving. Suitable for making heaven and earth cover boxes (horizontal and vertical grooving), book-shaped boxes, etc. Shaped boxes of various materials can be grooved as long as there is a single side that can be positioned.



主要技术参数 Technical Parameters

功能	Function	KLZ-930B	KLZ-930BL
进料尺寸	Width Of Work Piece	100-850mm	100-1050mm
进料尺寸	Length Of Work Piece	80-500mm	80-650mm
最高精度	Best Accuracy	±0.05mm	±0.05mm
正常精度	Normal Accuracy	±0.1mm	±0.1mm
最快速度	Fastest Speed	30-32m/min 110-120pcs/min (work piece size 200×200mm)	30-32m/min 110-120pcs/min (work piece size 200×200mm)
正常速度	Normal Speed	20-25 m/min	20-25 m/min
开槽角度	Groove Degree	80°-135° adjustable	80°-135° adjustable
板材厚度	Thickness Of Work Piece	250gsm- 3.0mm	250gsm- 3.0mm
横梁条数	Quantity Of Griders	2条（4排刀） 2 cross beams-4 rows	2条（4排刀） 2 cross beams-4 rows
同时开槽条数	Quantity Of Groover	16	16
送纸方式	Feeding Type	整叠推块分张 stacking platform	整叠推块分张 stacking platform
纠偏原理	Correction Principle	皮带纠偏+钢珠拉规 Belt Correction+stell ball correction	皮带纠偏+钢珠拉规 Belt Correction+stell ball correction
单双通道	Single Or Double Feeder	双通道 Double feeder	双通道 Double feeder
清废	Waste Material Delivery System	吹气+吸气排废 Air system for waste deliver	吹气+吸气排废 Air system for waste deliver
刀头角度调节	Grooving Angle	每个刀头单独调节 Independent adjustment of each knife head	每个刀头单独调节 Independent adjustment of each knife head
磨刀机	Knife Sharpener	自动磨刀机 Auto knife sharpener	自动磨刀机 Auto knife sharpener
整机功率	Power	3.0kw	3.0kw
整机尺寸	Dimension	L2410×W1530×H1350mm	L2410×W1830×H1350mm
整机重量	Weightr	1580kg	1780kg

KLQ-600B

BIDIRECTIONAL GROOVING MACHINE
七字双向开槽机



灰纸板
Gray board

中纤板
MDF



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重大优点 Major Advantages

1. 针对密度板、中纤板、灰板的天地盖皮壳盒型开槽。
2. 采用两个滚筒直接转向第二道开槽。
3. 密度板、中纤板开L槽功能。
4. 自动收成品。

1. For density board, medium fiber board, gray board of the rigid boxes and case cover.
2. Adopt two drums to directly turn the second grooving.
3. L groove function for density board and medium fibre board.
4. Automatic collection of finished products.

主要技术参数 Technical Parameters

功能	Function	KLQ-600B	KLQ-600BL
第一道进料尺寸	Material Size Of 1st Step	Length: 150-600mm, Width: 150-600mm	Length: 150-600mm, Width: 150-900mm
第二道进料尺寸	Material Size Of 2nd Step	Length: 150-600mm, Width: 150-600mm	Length: 150-900mm, Width: 150-600mm
最高精度	High Accuracy	±0.2mm	
正常精度	Normally Accuracy	±0.3mm	
材料厚度	Material Thickness	1.5mm-4mm	
刀头角度	Grooving Angle	80度-140度可以调 (90°knife holder used for making 80°-110° grooving angel) (120°knife holder used for making 110°-140° grooving angel)	
刀头角度调节方式	Adjustable Angle Type	横梁整排调节 Need to adjust the whole row of crossbeam	
横梁条数	Numbers Of Girder	第一道2条; 第二道1条 2 on 1st grooving part, 1 on 2nd grooving part	
多少排刀	Number Of Grooving Knife	第一道两排刀; 第二道一排刀 2 rows of knife on 1st grooving part; 1 row of knife on 2nd grooving part	
第一道开槽条数	Max Grooving Lines Of 1st Step	8条 8 grooving lines	
第二道开槽条数	Max Grooving Lines Of 2nd Step	4条 4 grooving lines	
送纸方式	Feeding Type	皮带摩擦 Belt feeder	
调刀左右	V Grooving Knife Position Adjustment	齿轮(手感) Gear Adjustable	
调刀深浅	V Grooving Depth Adjustment	螺丝(手感) Screw Adjustable	
刀尖对刀	Knife Adjustment	经验(手感) Operator Experience and technology	
滚筒皮带调节	Scroll Belt Adjustment	手轮快捷移动皮带 Remove the belt by handwheel	
清废	Waste Material Delivery System	机器后部出废料(一部与二部) The conveyor belt at the rear of the machine discharges waste	
磨刀机	Knife Sharpener	自动磨刀机 Auto knife sharpener	
速度	Speed	300mm×300mm/130只/min	
整机重量	Weight	4300KG	
功率	Power	5.2KW	
整机尺寸	Machine Size	3462×2533mm×1525mm	3663×2416mm×1525mm
操作占地面积	Floor Space Of Machine	10m²	
第一道纠偏原理	Correction Principle Of 1st Step	橡胶轮 Rubber wheel	
第二道纠偏原理	Correction Principle Of 2nd Step	橡胶轮 Rubber wheel	
翻转原理	Flipping Principle	L型直接转向 L-shaped direct steering	

KLQ-600

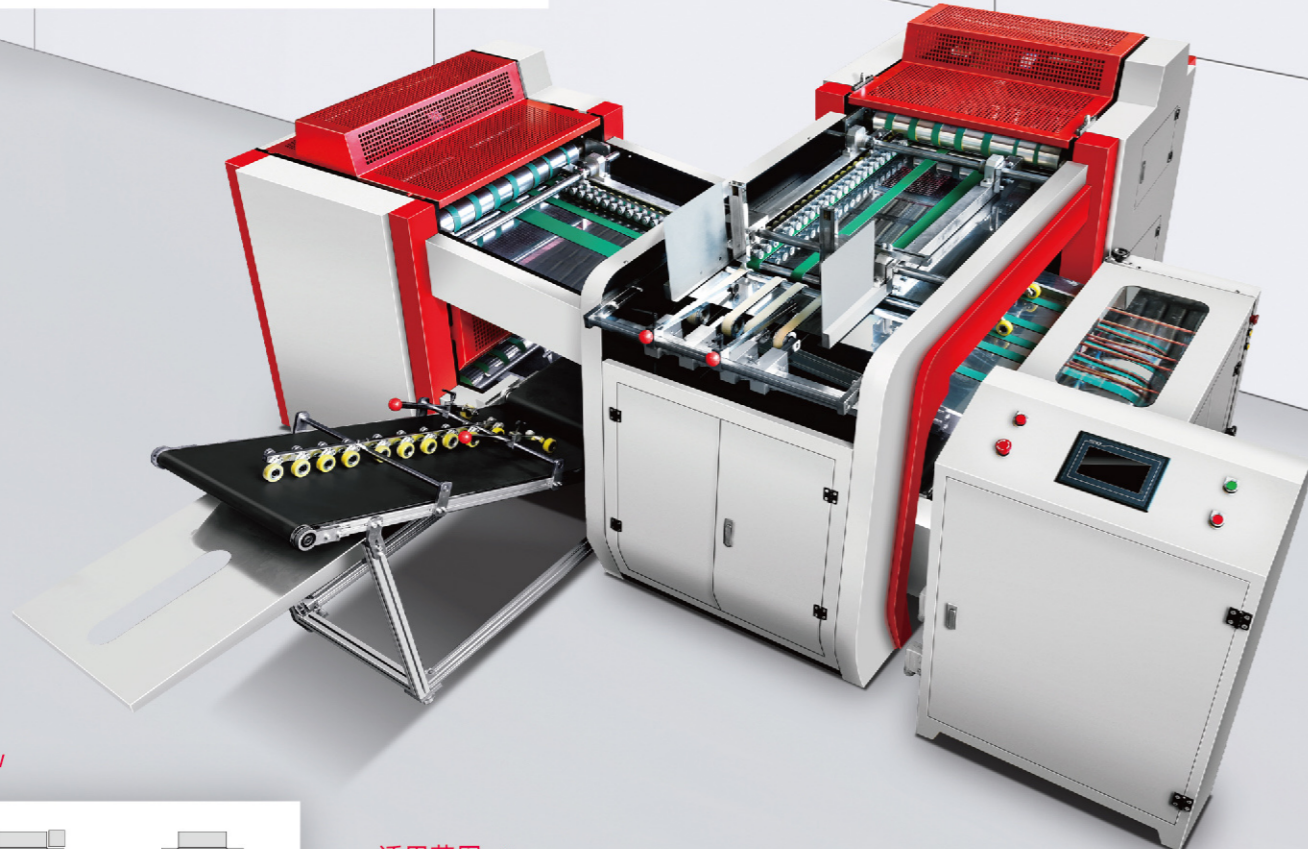
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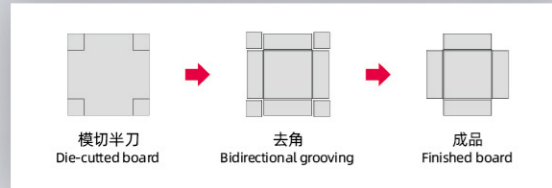


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- 灰纸板
Gray board
- 中纤板
MDF
- 对裱卡纸
Laminating cardboard



工艺流程 Process flow



适用范围 Usage

针对灰纸板、对裱卡纸、中纤板等双向一次性开槽。
It is used for cutting V or U shape groove on gray board, laminating cardboard, MDF etc, with dual direction grooving.

重大优点 Major Advantages

1. 一机双重使用，天地盖的双向开槽与皮壳的单向开槽，需要时设备可转换功能。
2. 具有产品半重叠转向机构稳定性优点：第一道转向至第二道时可半重叠状态（同比速转向部位速度可以适当慢些）不影响整机速度的前提下，提高了稳定性。
3. 生产皮壳的使用：转向输送部的皮带可以在电脑上设置正反输送，所以生产皮壳时不需要经过第二道出成品。直接设置转向皮带反转，第一道开槽完成直接到收料机上。
4. 自动收成品。

1. Double use of a machine, the two-way grooving of the rigid boxes and the one-way grooving of the case cover, the equipment can be converted to function when needed.
2. Has the advantage of the stability of the product half overlap steering mechanism: the first turn to the second can be half overlap state (The same ratio of the state, the steering part speed can be appropriate slower) does not affect the speed of the whole machine under the premise of improving the stability.
3. The use of production case cover: The belt of steering conveyor section can be set on the computer to convey forward and reverse, so the production of case cover does not need to go through the second grooving part. Directly set the steering belt reversal, the first channel grooving is completed directly to the receiving conveyor belt .
4. Automatic collection of finished products.

主要技术参数 Technical Parameters

功能	Function	天地盖板 Rigid Box	天地盖+皮壳版 Rigid Box + Case Cover
第一道进料尺寸	Material Size Of 1st Step	Length: 100-450mm, Width: 100-600mm	Length: 100-450mm, Width: 100-850mm
第二道进料尺寸	Material Size Of 2nd Step	Length: 100-600mm, Width: 100-600mm	Length: 100-850mm, Width: 100-600mm
最高精度	High Accuracy	±0.1mm	±0.1mm
正常精度	Normally Accuracy	±0.15mm	±0.15mm
材料厚度	Material Thickness	1.0mm-3.0mm	1.0mm-3.0mm
刀头角度	Grooving Angle	80度-140度可以调 (90°knife holder used for making 80°-110° grooving angel) (120°knife holder used for making 110°-140° grooving angel)	
刀头角度调节方式	Adjustable Angle Type	横梁整排调节 Need to adjust the whole row of crossbeam	横梁整排调节 Need to adjust the whole row of crossbeam
横梁条数	Number Of Crossbeam	第一道和第二道各1条 1 crossbeam on each grooving part	第一道2条; 第二道1条 2 on 1st grooving part, 1 on 2nd grooving part
多少排刀	Number Of Grooving Knife	一排刀 1 row of knife on each grooving part	第一道两排刀; 第二道一排刀 2 rows of knife on 1st grooving part; 1 row of knife on 2nd grooving part
第一道开槽条数	Max Grooving Lines Of 1st Step	4条 4 grooving lines	8条 8 grooving lines
第二道开槽条数	Max Grooving Lines Of 2nd Step	4条 4 grooving lines	4条 4 grooving lines
送纸方式	Feeding Type	皮带摩擦 Belt feeder	皮带摩擦 Belt feeder
调刀左右	V Grooving Knife Position Adjustment	齿轮 (手感) Gear Adjustable	齿轮 (手感) Gear Adjustable
调刀深浅	V Grooving Depth Adjustment	螺丝 (手感) Screw Adjustable	螺丝 (手感) Screw Adjustable
刀尖对刀	Knife Adjustment	经验 (手感) Operator Experience and technology	工具校对 (Calibration by tool)
滚筒皮带调节	Scroll Belt Adjustment	手轮快捷移动皮带 Remove the belt by handwheel	手轮快捷移动皮带 Remove the belt by handwheel
清废	Waste Material Delivery System	机器后部出废料 (一部与二部) The conveyor belt at the rear of the machine discharges waste	
磨刀机	Knife Sharpener	自动磨刀机 Auto knife sharpener	自动磨刀机 Auto knife sharpener
速度	Speed	200mm×200mm/130pcs/min	200mm×200mm/130pcs/min
整机重量	Weight	3200KG	3800KG
功率	Power	6.5KW	7.5KW
整机尺寸	Machine Size	2635×3900mm×1350mm	3080×4100×1445mm
操作占地面积	Floor Space Of Machine	12m ²	12m ²
第一道纠偏原理	Correction Principle Of 1st Step	橡胶轮 Rubber wheel	橡胶轮 Rubber wheel
第二道纠偏原理	Correction Principle Of 2nd Step	橡胶轮 Rubber wheel	橡胶轮 Rubber wheel
翻转原理	Flipping Principle	产品半重叠转回 (提高稳定性和速度) Product half overlap turn back (Improved stability and speed)	

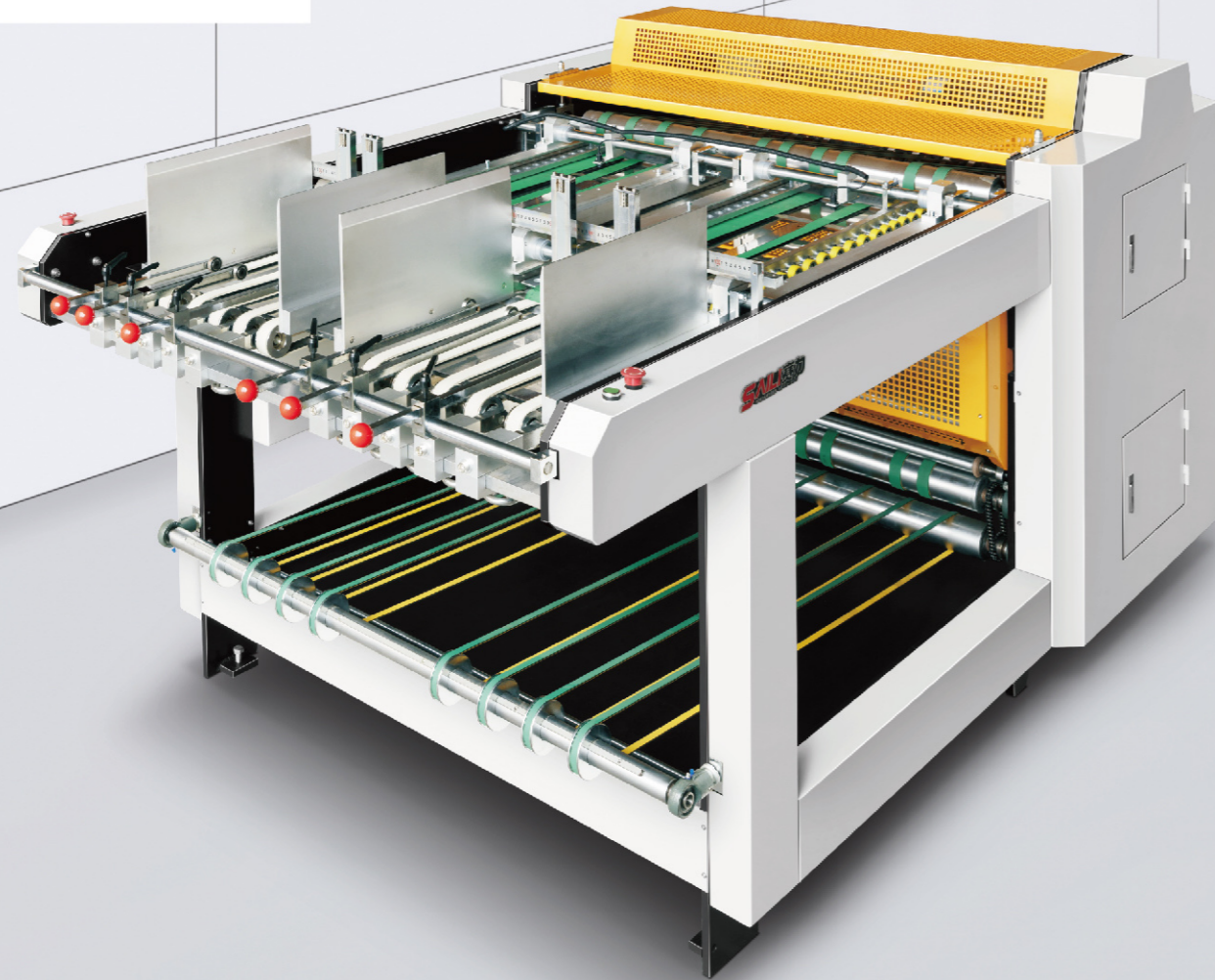
KLZ-1300

AUTOMATIC GROOVING MACHINE
全自动滚筒式起沟机

灰纸板
Gray board

对裱卡纸
Laminating cardboard

中纤板
MDF



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快速送料及自动纠偏 FEEDING AND CORRECTING PART

采用前后段皮带送料，前段送料，后段纠偏。高摩擦力皮带，确保送料稳定。纠偏皮带与压轮配合，传送进料过程中自动靠单边纠偏。
Adopt front and rear section belt to feed, the front section to feed, the back section to rectify deviation. High friction belt ensures feeding stability. The rectifying belt is matched with the pressure wheel, which automatically rectifies the deviation on one side during the feeding process.

收料部分两层 RECEIVING PART TWO LAYERS

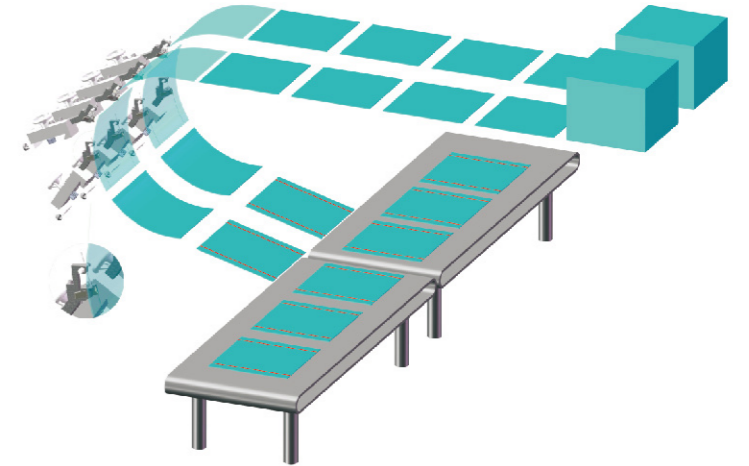
上层收成品，下层将四角边料输送至机器后部清废。
The upper layer receives the finished product, and the lower layer transports the four corners to the rear of the machine for waste removal.

成品收料 FINISHED PRODUCT RECEIPT

开槽好的成品通过输送带传出，节省人工搬运时间。
Automatic transport finished product, save man power and time.

快捷调节 QUICK ADJUSTMENT

皮带及刀具尺寸快捷调节。开槽部捆绑皮带左右调节方便，节省尺寸变化调节时间。
Belt and knife tool for adjusting quickly save time. Easy Adjustment.



主要技术参数 Technical Parameters

功能	Function	KLZ-1300
自动进料尺寸	Material Width	Width: 120-1200mm
自动进料尺寸	Material Length	Length: 200-900mm
最高精度	Best Accuracy	±0.1mm
正常精度	Normal Accuracy	±0.1mm
最快速度	Fastest Speed	40-45m/min 600×600每分钟80-120只 40-45m/min 80-120pcs/min (work piece size 600×600mm)
正常速度	Normal Speed	30-45m/min 600×600每分钟70-80只 30-45m/min 70-80pcs/min (work piece size 600×600mm)
开槽角度	Groove Degree	90-130度可调 90°-130° adjustable
板材厚度	Thickness Of Work Piece	1.5-3.0mm
同时开槽条数	Total Number Of Groove	12条
排屑装置	Waste Deliver	皮带向外传送皮屑（开出的下角料）部分要人工清理 By down conveyor belt
整机功率	Power	4kw
整机尺寸	Dimension	3020×1750×1425mm
整机重量	Weight	1820kg

KLZ-910

AUTOMATIC GROOVING MACHINE
全自动滚筒式起沟机



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灰纸板
Gray board

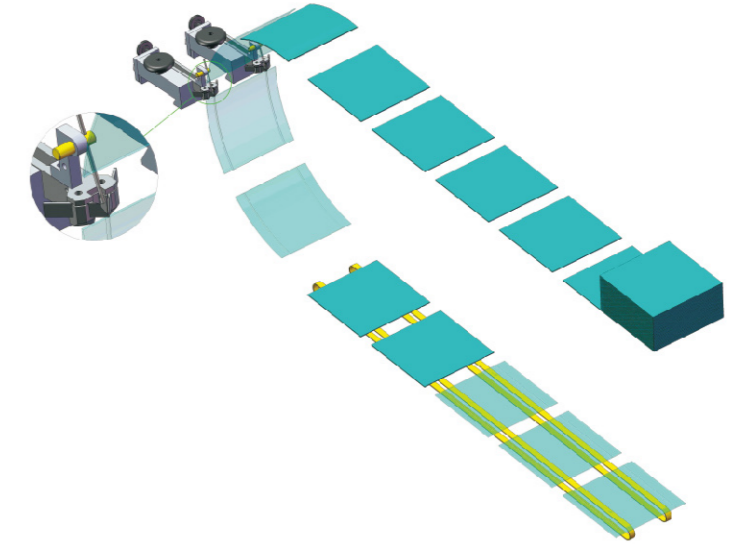
对裱卡纸
Laminating cardboard

中纤板
MDF



采用皮带摩擦自动送纸，单边靠边自动纠偏原理（比双边靠边精度提高50%）保证送板精度，解决手动送板不稳定的因素。滚筒皮带捆绑开槽，才能保证开槽的精度和速度。适用于制作天地盖盒（横竖开槽）、书型盒、酒盒、手机盒（电子产品）、首饰盒、月饼盒等，只要有单边可以定位的各种材质的异形盒子均可开槽。收料部分两层，上层收成品，下层将四角边料输送至机器后部清废。

Adopt belt friction automatic cardboard feeding, single-sided edge automatic correction principle to ensure the accuracy of cardboard feeding and solve the factor of manual cardboard feeding instability. Drum belt strapping grooving can ensure the accuracy and speed of grooving. It is suitable for making heaven and earth cover box (horizontal and vertical slotting), book type box, wine box, cell phone box (electronic products), jewelry box, moon cake box, Shaped boxes of various materials can be grooved as long as there is a single side that can be positioned.



赛力提高包装盒的视觉效果 Saili improves the visual effect of Package Box

主要技术参数 Technical Parameters

功能	Function	KLZ-910
进料尺寸	Material Width	95-800mm
进料尺寸	Material Length	95-300mm
最高精度	Best Accuracy	±0.1mm
正常精度	Normal Accuracy	±0.15mm
最快速度	Fastest Speed	30-32m/min 120-150pcs/min(work piece size 200×200mm)
正常速度	Normal Speed	20-25 m/min
开槽角度	Groove Degree	80°-140° adjustable
板材厚度	Thickness	1.0-2.5mm
开槽条数	Quantity Of Groove	9
整机功率	Power	2.2kw
整机尺寸	Dimension	2100×1410×1375mm
整机重量	Weight	1500kg

SLQ-600B

SHAPED BOX BIDIRECTIONAL GROOVING MACHINE
异形盒双向开槽机



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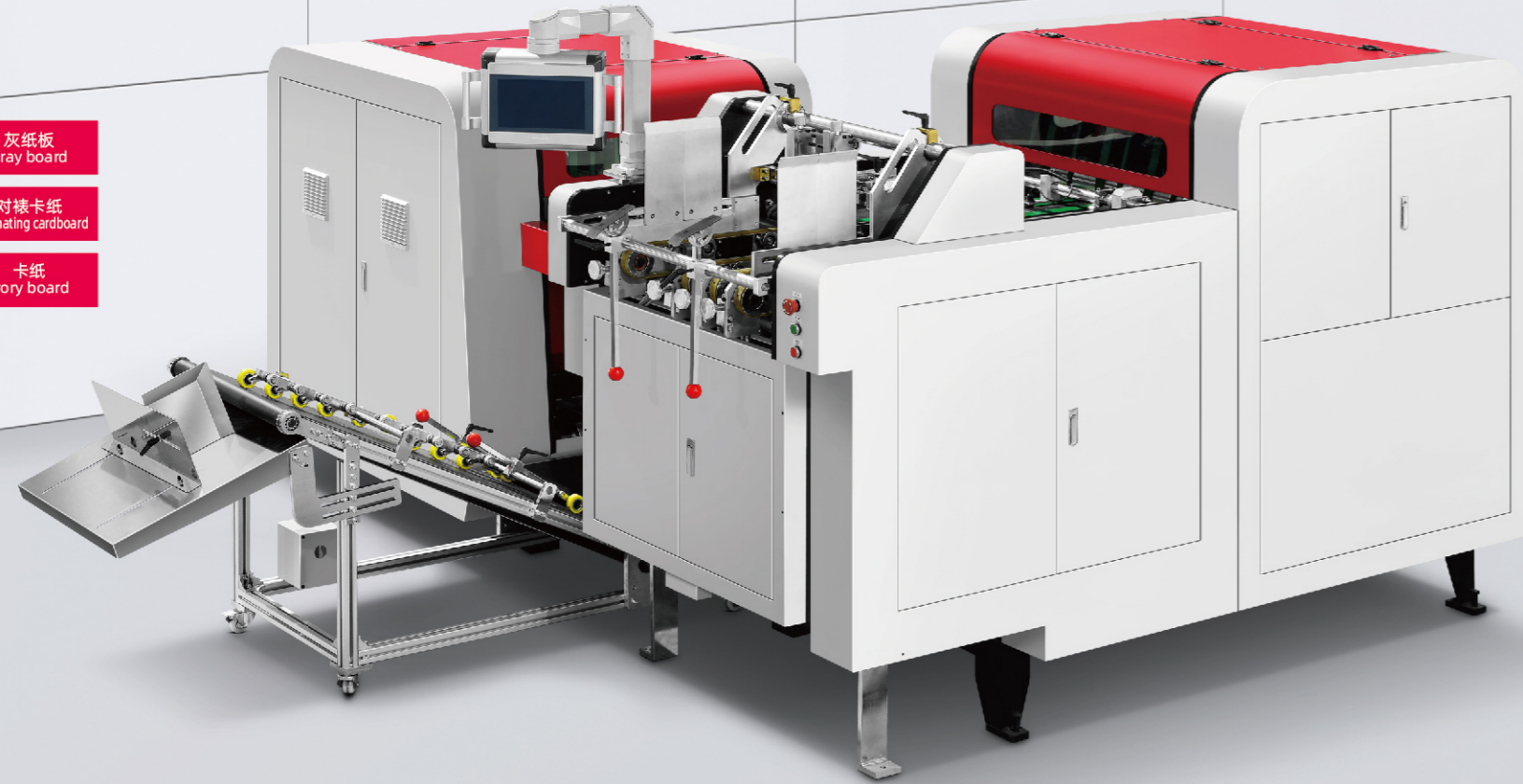
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灰纸板
Gray board

对裱卡纸
Laminating cardboard

卡纸
Ivory board



重大优点 Major Advantages

1. 吸气式皮带送纸、前后组合刮刀，提高异形盒分张走纸的稳定性。
2. 滚筒（翻转）转向（无刮花）、速度快。
3. 侧面排废：侧面整体清废，提高产能使设备更加稳定。
4. 自动收成品：节省成品的整理时间。

1. The suction belt feeds the cardboard and the front and rear combination squeegee to improve the stability of the sheeting of shaped boxes.
2. Scroll flipping steering system (no scratch), fast, high stability.
3. Waste discharge: the waste will be delivery out of the machine automatically by dedicated conveyor belt, improve capacity to make the equipment more stable.
4. Automatic collection of finished products: save the finishing time of finished products.

主要技术参数 Technical Parameters

功能	Function	SLQ-600B
第一道进料尺寸	Material Size Of 1st Step	Length: 120-500mm, Width: 120-600mm
第二道进料尺寸	Material Size Of 2nd Step	Length: 120-600mm, Width: 120-500mm
第一道开槽条数	Max Grooving Lines Of 1st Step	6条 6 lines
第二道开槽条数	Max Grooving Lines Of 2nd Step	6条 6 lines
最高精度	Best Accuracy	±0.1mm
正常精度	Normally Accuracy	±0.15mm
材料厚度	Material Thickness	200-2.5mm
刀头角度	Grooving Angle	80度-140度可以调 (90°=80°-110°) (120°=110°-140°) (90°knife holder used for making 80°-110°grooving angel) (120°knife holder used for making 110°-140° grooving angel)
刀头角度调节方式	Adjustable Angle Type	每把刀头单独调节 Knife holder can adjustable independently
速度	Speed	(300mm×300mm)/120pcs/min 120pcs/min (if size 300×300mm)
横梁条数	Quantity Of Girder	第一道2条, 第二道2条 2Girders (1st step), 2Girders (2nd step)
多少排刀	Quantity Of Knife Row	第一道和第二道各3排刀 3 rows of knife on each grooving part
送纸方式	Feeding Type	皮带摩擦 Belt friction type
左右调刀	Knife Left Or Right Position	手轮快速移动 Gear Adjustable
刀尖对刀	Knife Adjustment	工具快捷对齐刀片 Use tool to align the blade
清废	Waste Material Delivery System	吸气+机器侧面自动清废 Suction device + side delivery system
磨刀机	Knife Sharpener	自动磨刀机 Auto knife sharpener
整机重量	Weight	5200KGS
功率	Power	12kw
整机尺寸	Machine Size	3600×3120×1630mm
操作占地面积	Floor Space Of Machine	10m²
第一道纠偏原理	Correction Principle Of 1st Step	皮带纠偏+拉规 Belt Correction+stell ball correction
第二道纠偏原理	Correction Principle Of 2nd Step	皮带纠偏+拉规 Belt Correction+stell ball correction
(转向) 翻转原理	Flipping Principle (Change Direction)	滚筒翻转 (翻转原理) Scroll Flipping (Flipping principle)

SLZ-928B

AUTOMATIC GROOVING MACHINE
磁栅异形开槽机

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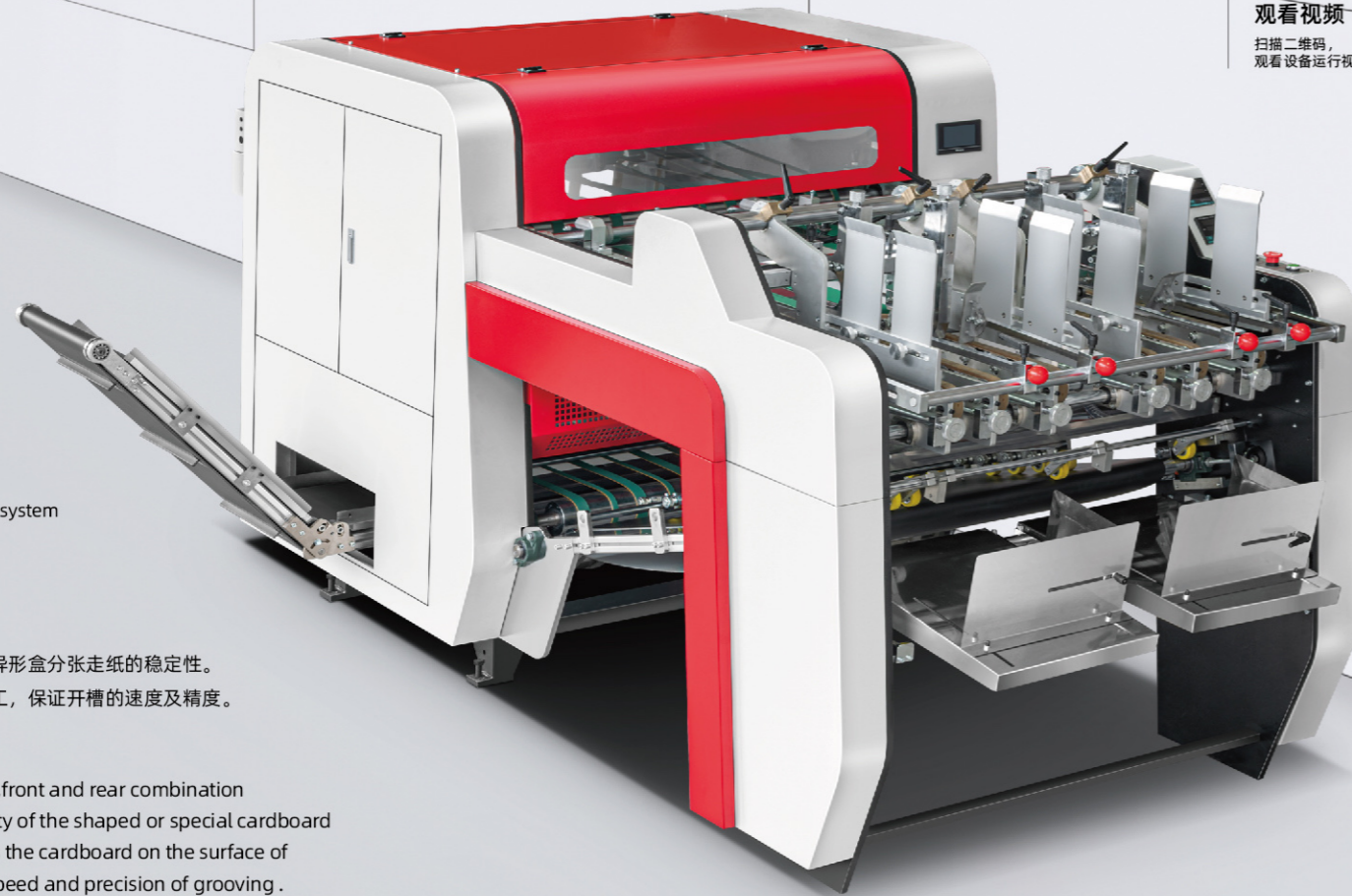
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重大优点 Major Advantages

- 1. 自动清废功能
- 2. 磁栅辅助定位系统
- 1. Automatic waste delivery system
- 2. Magnetic grating assisted positioning system

吸气式皮带送纸、前后组合挂刀，提高异形盒分张走纸的稳定性。
皮带把纸板捆绑在滚筒表面进行开槽加工，保证开槽的速度及精度。
适用于各种异形小盒子开槽。

Suction type belt feeds the cardboard, front and rear combination of hanging knives, improve the stability of the shaped or special cardboard sub-sheet and feeding. The belt binds the cardboard on the surface of the drum for grooving to ensure the speed and precision of grooving. It is suitable for all kinds of shaped box embryo grooving.



1

磁栅数显调节尺寸
Magnetic grid digital display for size adjustment

2

侧面锁刀杆，解决重复换刀的误差
Side locking tool lever to solve the error of repeated knife changes

3

靠边调节人性化设计，提升调节速度
Humanized design of the edge correction adjustment to enhance the adjustment speed.

4

人体工程学收料，提高操作舒适度
Ergonomic take-up for increased operating comfort

5

双齿条交叉调节皮带，无死角压紧工件
Double rack and pinion cross-adjustment belt for dead-angle free pressing of the workpiece

灰纸板
Gray board

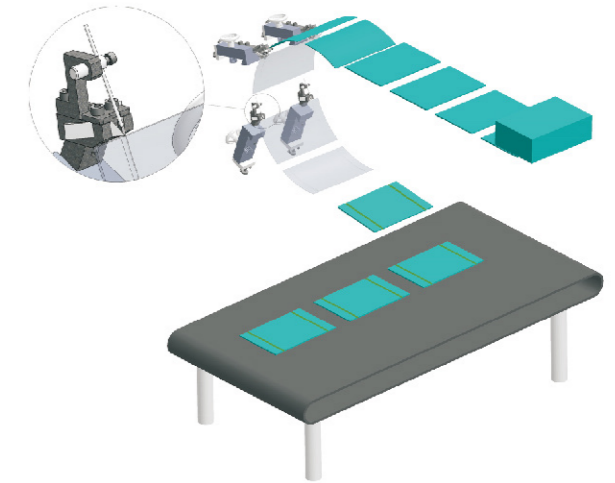
铜版纸
Coated paper

对裱卡纸
Laminating cardboard

卡纸
Ivory board

主要技术参数 Technical Parameters

功能	Function	SLZ-928B
左右微调	Knife Left Right Fine Tuning	磁栅数显精度 (Accuracy) 0.02mm
进料尺寸	Width Of Work Piece	100-850mm
进料尺寸	Length Of Work Piece	100-500mm
开槽角度	Groove Degree	90°-130°可调 (adjustable)
正常精度	Normal Accuracy	±0.1mm
开槽条数	Quantity Of Groove	12条
板材厚度	Thickness Of Work Piece	200g-2.0mm
送纸方式	Feeding Type	皮带摩擦 Belt friction type
单双通道	Single Or Double Feeder	双通道 Double feeder
大滚筒皮带	Scroll Belt	手轮快捷移动皮带 Move the belt by hand wheel quickly
清废	Waste Material Delivery System	机器侧面自动清废 Automatic waste removal from the side of the machine
刀头角度调节	Grooving Angle	每把刀单独调节角度 Independent adjustment of each knife head
磨刀机	Knife Sharpener	两片自动磨刀 2 pcs blades sharpen automatically
整机重量	Weight	2000KG
整机功率	Power	2.5KW
整机展开尺寸	Dimension	2650×1530×1550mm
最快速度	Best Speed	30-32m/min (200×200mm) 120-150PCS/min



SLZ-928C

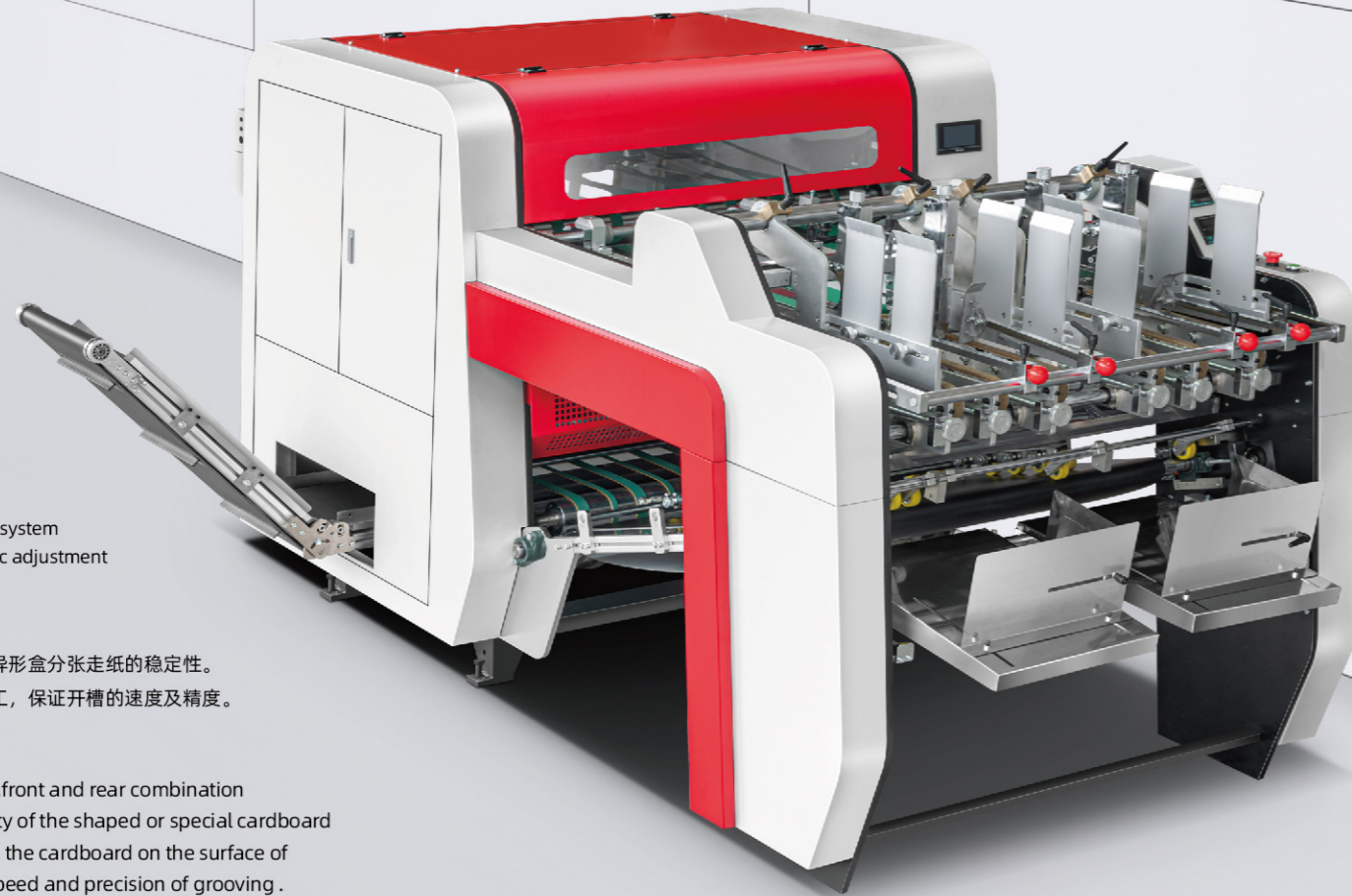
AUTOMATIC PARTIAL GROOVING MACHINE 滚筒局部开槽机

重大优点 Major Advantages

1. 自动清废功能
 2. 磁栅辅助定位系统
 3. 局部开槽刀：伺服调节
1. Automatic waste delivery system
 2. Magnetic grating assisted positioning system
 3. Partial grooving knife: Servo automatic adjustment

吸气式皮带送纸、前后组合挂刀，提高异形盒分张走纸的稳定性。
皮带把纸板捆绑在滚筒表面进行开槽加工，保证开槽的速度及精度。
适用于各种异形小盒子开槽。

Suction type belt feeds the cardboard, front and rear combination of hanging knives, improve the stability of the shaped or special cardboard sub-sheet and feeding. The belt binds the cardboard on the surface of the drum for grooving to ensure the speed and precision of grooving. It is suitable for all kinds of shaped box embryo grooving.



1

磁栅数显调节尺寸
Magnetic grid digital display for size adjustment

2

侧面锁刀杆，解决重复换刀的误差
Side locking tool lever to solve the error of repeated knife changes

3

靠边调节人性化设计，提升调节速度
Humanized design of the edge correction adjustment to enhance the adjustment speed.

4

人体工程学收料，提高操作舒适度
Ergonomic take-up for increased operating comfort

5

双齿条交叉调节皮带，无死角压紧工件
Double rack and pinion cross-adjustment belt for dead-angle free pressing of the workpiece

灰纸板
Gray board

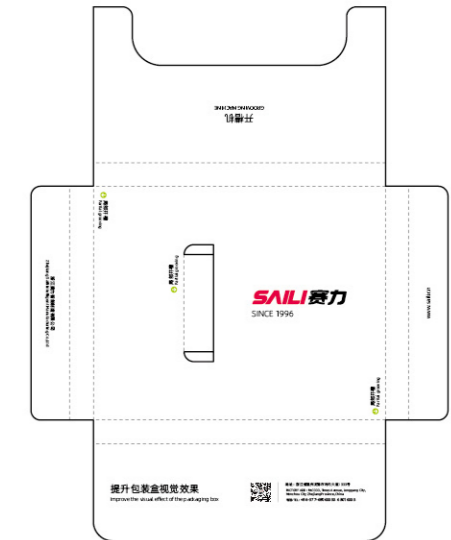
铜版纸
Coated paper

对裱卡纸
Laminating cardboard

卡纸
Ivory board

主要技术参数 Technical Parameters

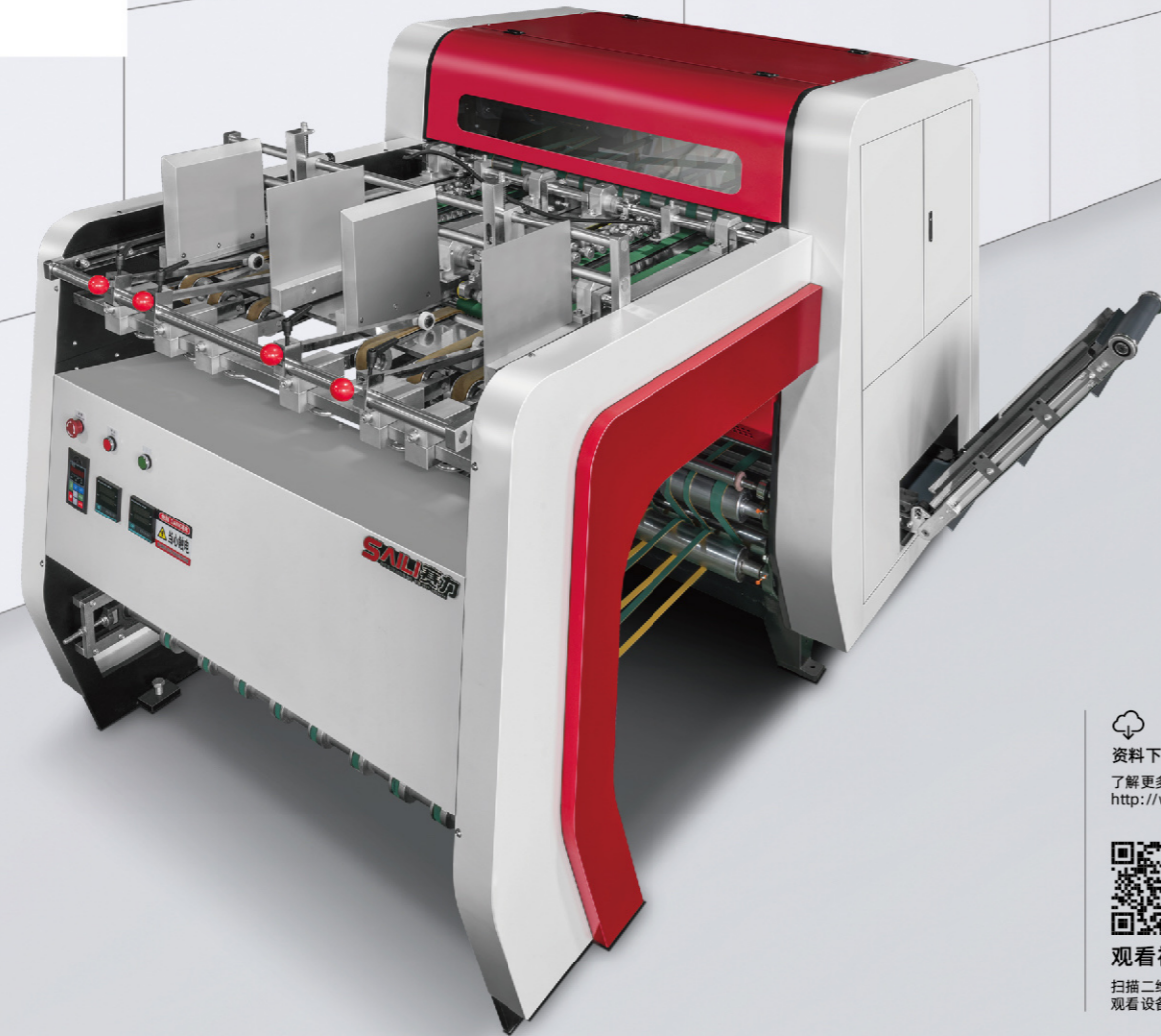
功能	Function	SLZ-928C
左右微调	Knife Left Right Fine Tuning	磁栅数显精度 (Accuracy) 0.02mm
进料尺寸	Width Of Work Piece	100-850mm
进料尺寸	Length Of Work Piece	100-500mm
开槽角度	Groove Degree	90°-130°可调 (adjustable)
正常精度	Normal Accuracy	±0.1mm
开槽刀数量	Number Of Grooving Knife	8个磁栅刀+4个伺服刀 8 Magnetic grid positioning knife + 4 servo knife
板材厚度	Thickness Of Work Piece	200g-2.0mm
送纸方式	Feeding Type	皮带摩擦 Belt friction type
单双通道	Single Or Double Feeder	双通道 Double feeder
大滚筒皮带	Scroll Belt	手轮快捷移动皮带 Move the belt by hand wheel quickly
清废	Waste Material Delivery System	机器侧面自动清废 Automatic waste removal from the side of the machine
刀头角度调节	Grooving Angle	每把刀单独调节角度 Independent adjustment of each knife head
磨刀机	Knife Sharpener	两片自动磨刀 2 pcs blades sharpen automatically
整机重量	Weight	2000KG
整机功率	Power	2.5KW
整机展开尺寸	Dimension	2650×1530×1550mm
最快速度	Best Speed	30-32m/min (200×200mm) 120-150PCS/min



SLZ-928

AUTOMATIC GROOVING MACHINE
全自动磁栅开槽机

- 灰纸板
Gray board
- 铜版纸
Coated paper
- 对裱卡纸
Laminating cardboard
- 卡纸
Ivory board



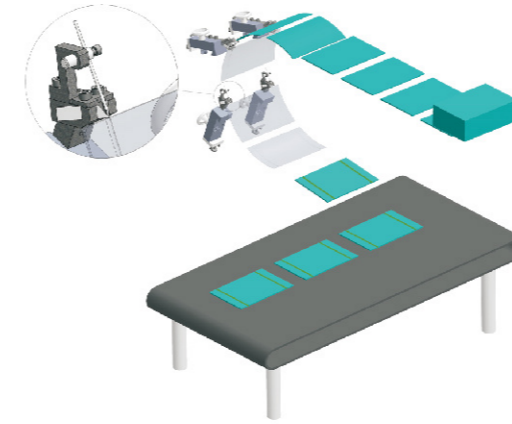
重大优点 Major Advantages

1. 自动清废功能
2. 磁栅辅助定位系统
1. Automatic waste delivery system
2. Magnetic grating assisted positioning system

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1
可以独立调节开槽角度
The slotting
Angle can be adjusted
independently

2
单组刀调节0.01mm精度
The precision of single
group knife
adjustment is 0.01mm

3
可快捷移动皮带
Move the belt
quickly

4
开槽精度±0.05mm
Slotting accuracy
±0.05mm

主要技术参数 Technical Parameters

功能	Function	SLZ-928
左右微调	Knife Left Right Fine Tuning	磁栅数显精度 (Accuracy) 0.01mm
进料尺寸	Width Of Work Piece	100-850mm
进料尺寸	Length Of Work Piece	100-500mm
开槽角度	Groove Degree	90°-130°可调 (adjustable)
正常精度	Normal Accuracy	±0.1mm
开槽条数	Quantity Of Groove	12条
最高精度	Best Accuracy	±0.05mm
左右微调刻度单位	Scale Units For Left And Right Fine Tuning	±0.01mm
板材厚度	Thickness Of Work Piece	200g-3.0mm
送纸方式	Feeding Type	皮带摩擦 Belt friction type
单双通道	Single Or Double Feeder	双通道 Double feeder
大滚筒皮带	Scroll Belt	手轮快捷移动皮带 Move the belt by hand wheel quickly
清废	Waste Material Delivery System	机器侧面自动清废 Automatic waste removal from the side of the machine
刀头角度调节	Grooving Angle	每把刀单独调节角度 Independent adjustment of each knife head
磨刀机	Knife Sharpener	两片自动磨刀 2 pcs blades sharpen automatically
整机重量	Weight	2000KG
整机功率	Power	2.5KW
整机展开尺寸	Dimension	2976×2886×1550mm
最快速度	Best Speed	30-32m/min (200×200mm) 120-150PCS/min

采用皮带摩擦自动送纸，单边靠边自动纠偏原理（比双边靠边精度提高50%）保证送板精度，解决手动送板不稳定的因素。滚筒皮带捆绑开槽，才能保证开槽的精度和速度。适用于制作天地盖盒（横竖开槽）、月饼盒等，只要有单边可以定位的各种材质的异形盒子均可开槽。

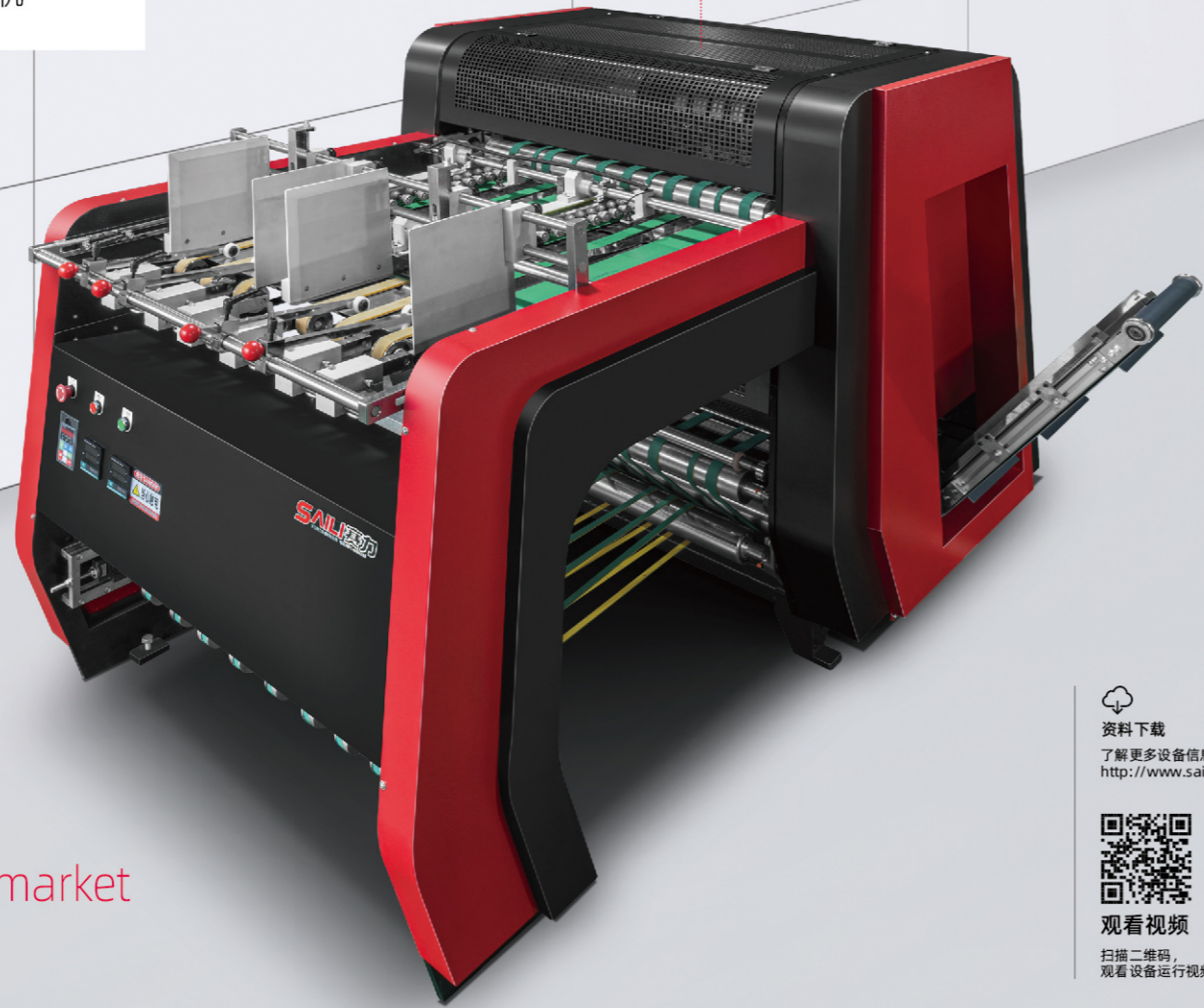
Adopt belt friction automatic cardboard feeding, single-sided edge automatic correction principle to ensure the accuracy of cardboard feeding and solve the factor of manual cardboard feeding instability. Drum belt strapping grooving can ensure the accuracy and speed of grooving. Suitable for making heaven and earth cover boxes (horizontal and vertical grooving), book-shaped boxes, etc. Shaped boxes of various materials can be grooved as long as there is a single side that can be positioned.

KLZ-920

AUTOMATIC GROOVING MACHINE
全自动滚筒式起沟机

自动清废功能
Automatic waste delivery system

- 灰纸板
Gray board
- 铜版纸
Coated paper
- 对裱卡纸
Laminating cardboard
- 卡纸
Ivory board



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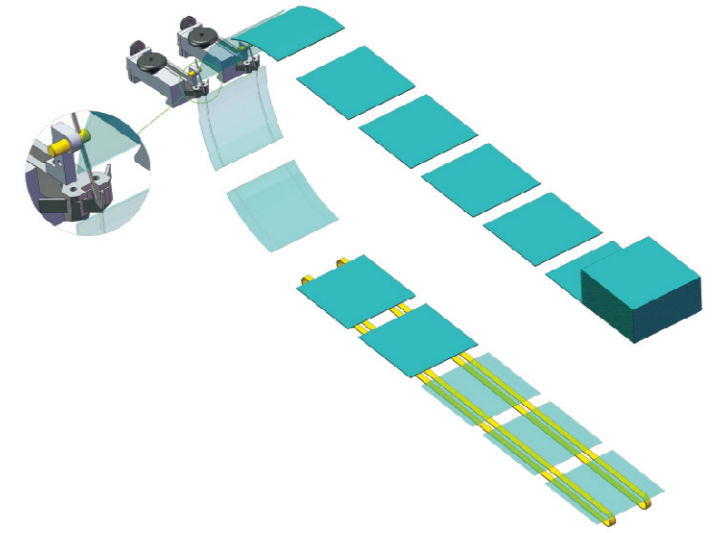
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采用皮带摩擦自动送纸，单边靠边自动纠偏原理（比双边靠边精度提高50%）保证送板精度，解决手动送板不稳定的因素。滚筒皮带捆绑开槽，才能保证开槽的精度和速度。适用于制作天地盖盒（横竖开槽）、书型盒、酒盒、手机盒（电子产品）、首饰盒、月饼盒等，只要有单边可以定位的各种材质的异形盒子均可开槽。

Adopt belt friction automatic cardboard feeding, single-sided edge automatic correction principle to ensure the accuracy of cardboard feeding and solve the factor of manual cardboard feeding instability. Drum belt strapping grooving can ensure the accuracy and speed of grooving. It is suitable for making heaven and earth cover box (horizontal and vertical slotting), book type box, wine box, cell phone box (electronic products), jewelry box, moon cake box, Shaped boxes of various materials can be grooved as long as there is a single side that can be positioned. Both sides of the receiving part, the upper layer receives the finished product, and the lower layer conveys the four corners to the rear of the machine to clear the waste.



主要技术参数 Technical Parameters

功能	Function	KLZ-920
进料尺寸	Material Width	100-850mm
进料尺寸	Material Length	100-450mm
最高精度	Best Accuracy	±0.05mm
正常精度	Normal Accuracy	±0.1mm
最快速度	Fastest Speed	100-120pcs/min (200×200mm)
正常速度	Normal Speed	20-25 m/min
开槽角度	Groove Degree	80°-140° adjustable
板材厚度	Thickness	250g-3.0mm
送纸方式	Feeding Type	皮带摩擦 Belt friction type
单双通道	Single Or Double Feeder	双通道 Double feeder
大滚筒皮带	Scroll Belt	手轮快捷移动皮带 Move the belt by hand wheel quickly
清废	Waste Material Delivery System	机器侧面自动清废 Automatic waste removal from the side of the machine
刀头角度调节	Grooving Angle	每把刀单独调节角度 Independent adjustment of each knife head
磨刀机	Knife Sharpener	两片自动磨刀 2 pcs blades sharpen automatically
开槽条数	Quantity Of Groove	12条
整机功率	Power	2.5KW
整机尺寸	Dimension	2575×1895×1550mm
整机重量	Weight	1800KG

SLF-1300

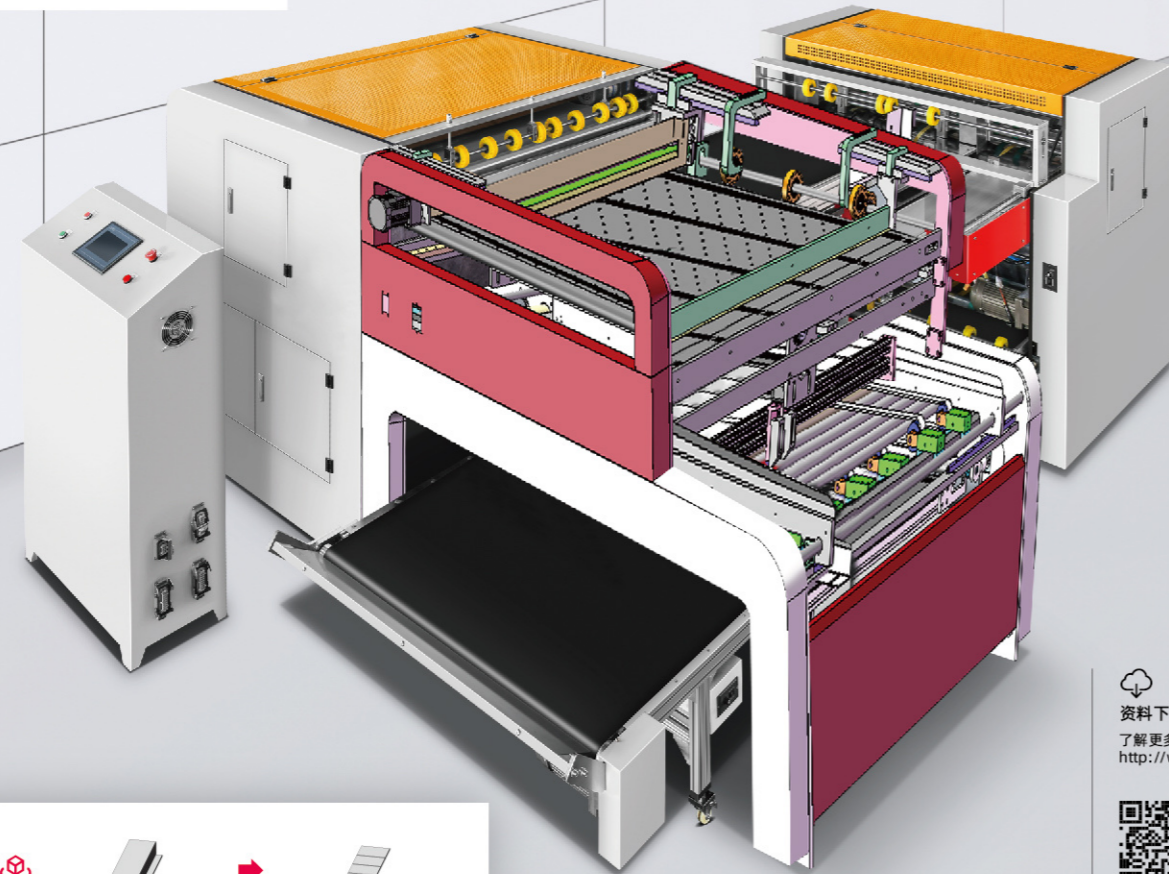
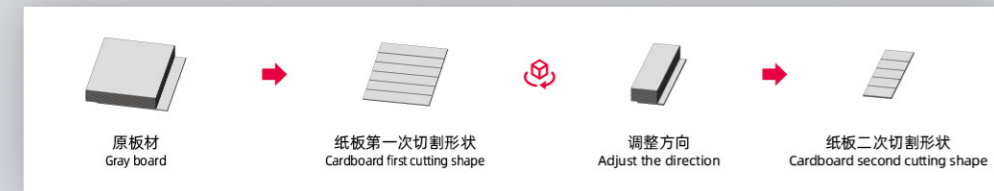
AUTOMATIC BIDIRECTIONAL SLITTING MACHINE 滚筒式双向纸板分切机

本设备用于对纸板进行分切。主要用于硬纸板、工业纸板、灰纸板等材料的分切，一次性完成横向和纵向的分切。在切板的同时还清除边料的功能。分切精度高，生产效率快，是生产制作精装书本封面所必备的设备。

This machine is used for slitting the cardboard, such as strong cardboard, industrial cardboard, gray cardboard and other materials. It had the function of clearing the edge material. It is the necessary equipment for producing the hardcover book covers with high precision and high efficiency.

灰纸板
Gray board

工艺流程 Process flow



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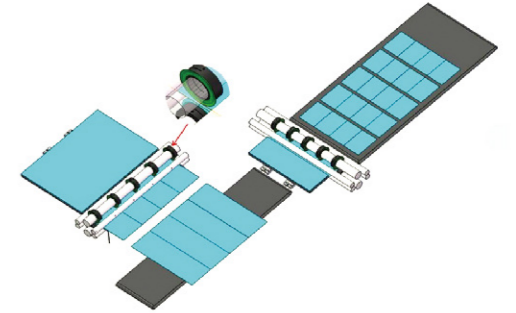
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重大优点 Main Advantage

1. 手动上料，自动进料。
2. 采用新型的输送结构，将纸板包裹在直径为60cm的滚筒表面，用直刀分切纸板，保证切边平整光滑无偏差。
3. 精致输送：自动收集一次分切后的纸板并整理输送至堆放平台，以便二次分切。
4. 二次分切：切出所需的纸板尺寸，同时自动清理废边。
5. 分切后的纸板由专用输送带自动输出。
6. 本机具有高精度、高效率、高节能等特点，配备耐用刀片。

1. Manual putting material and automatic feeding.
2. Adopt the new conveyor structure, wrap the paperboard on the surface of the roller with a diameter of 60cm, and cut the paperboard with a straight knife to ensure that the cutting edge is flat and smooth without deviation.
3. Delicate conveying: Automatically collect the cardboard after the first cutting and arrange and transport it to the stacking platform for the second cutting.
4. Secondary cutting: cut out the required size of the cardboard and automatically clean the waste edge.
5. The finished cardboard is automatically output by the special conveyor belt.
6. The machine is characterized by high precision, high efficiency, high energy saving and equipped with durable blades.



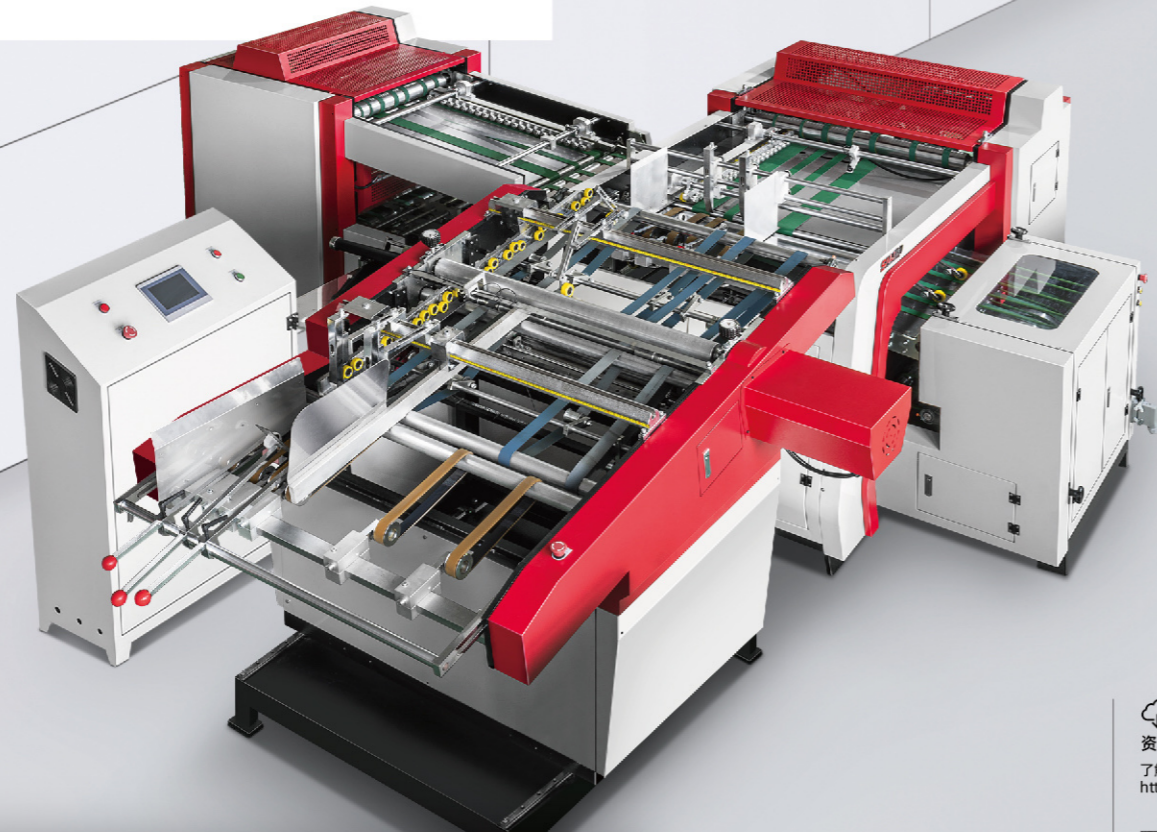
主要技术参数 Technical Parameters

功能	Function	SLF-1300
第一道进料尺寸	Material Size Of 1st Step	Length: 700-1200mm, Width: 700-1200mm
第二道进料尺寸	Material Size Of 2nd Step	Length: 140-700mm, Width: 700-1200mm
第一道条数 (分切)	Max Slitting Lines Of 1st Step	9条
第二道条数 (分切)	Max Slitting Lines Of 2nd Step	9条
最高精度	Best Accuracy	±0.15mm
正常精度	Normally Accuracy	±0.3mm
材料厚度	Material Thickness	1.5-3.0mm
速度	Speed	大板: 12-15张/min Big cardboard: 12-15pcs/min
第一道送纸方式	Feeding Type Of 1st Step	大板整叠皮带分张 Use belt feeding system to split whole stack cardboard
第二道送纸方式	Feeding Type Of 2nd Step	整叠推块分张 stacking platform
左右调刀 (分切)	Knife Left Or Right Movement	整把移动+微调 Whole knife moving + fine tuning
调刀深浅 (分切)	Adjustable Knife Depth	微调 (手动) Fine tuning (manual)
安装分切刀片	Install Slitting Knife	单片夹具固定 Single-piece fixture fixing
固定皮带左右调节	Fixed Belt Left And Right Adjustment	整条快速移动 Whole fast moving
边角料清废	Waste Discharge	自动清废 (整条) Automatic waste deliver
转向原理	Steering Principle	L型转向 (整条) L type steering
废料最小宽度	Min.width Of Waste Material	10mm
刀与刀最小间隙	Min Distance Between 2 Blade	70mm
最小分切尺寸	Min.size Of Finished Product	Length: 140mm, Width: 70mm
电压	Voltage	380v 50hz 3phase
整机重量	Weight	3300kg
功率	Power	10kw
整机尺寸	Machine Size	3400×4100×1600mm
操作占地面积	Floor Space Of Machine	15m ²

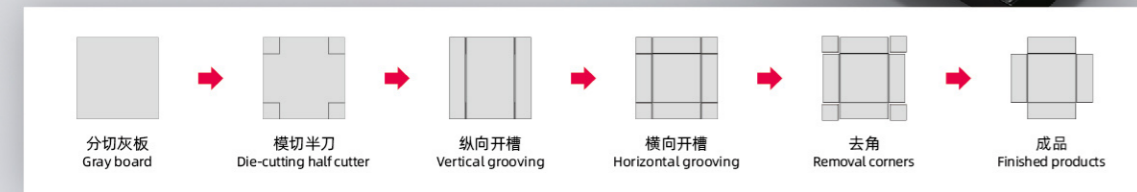
SLG-600G

AUTOMATIC BIDIRECTIONAL CORNER CUTTING AND GROOVING MACHINE
割线去角双向开槽机

灰纸板
Gray board



工艺流程 Process flow



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重大优点 Major Advantages

1. 一机双重使用，天地盖的双向开槽与皮壳的单向开槽，需要时设备可转换功能（需要时可关闭模切功能）。
2. 具有产品半重叠转向机构稳定性优点：第一道转向至第二道时可半重叠状态（同比速转向部位速度可以适当慢些）不影响整机速度的前提下，提高了稳定性。
3. 生产皮壳的使用：转向输送部的皮带可以在电脑上设置正反输送，所以生产皮壳时不需要经过第二道成品。直接设置转向皮带反转，第一道开槽完成直接到收料机上。
4. 自动收成品。

1. Double use of a machine, the two-way grooving of the rigid boxes and the one-way grooving of the case cover, the equipment can be converted to function when needed.
2. Has the advantage of the stability of the product half overlap steering mechanism: the first turn to the second can be half overlap state (The same ratio of the state, the steering part speed can be appropriate slower) does not affect the speed of the whole machine under the premise of improving the stability.
3. The use of production case cover: The belt of steering conveyor section can be set on the computer to convey forward and reverse, so the production of case cover does not need to go through the second grooving part. Directly set the steering belt reversal, the first channel grooving is completed directly to the receiving conveyor belt.
4. Automatic collection of finished products.

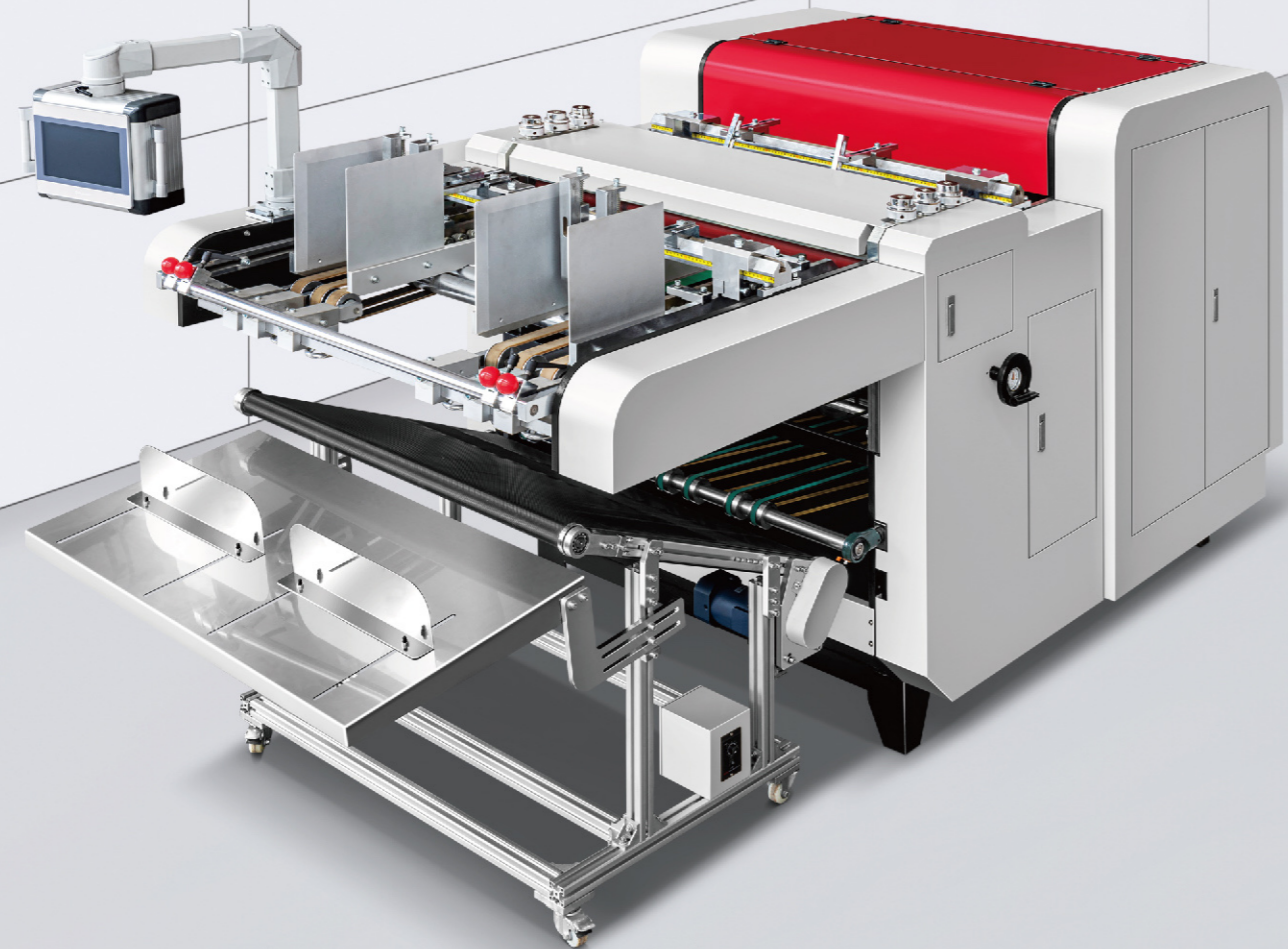
主要技术参数 Technical Parameters

功能	Function	SLG-600G
第一道进料尺寸	Material Size Of 1st Step	Length: 120-600mm, Width: 120-550mm
第二道进料尺寸	Material Size Of 2nd Step	Length: 120-550mm, Width: 120-600mm
正常精度	Normally Accuracy	±0.15mm
割线长度范围	Length Of Corner Cutting	15-120mm
材料厚度	Material Thickness	1.5mm-3.5mm
刀头角度	Grooving Angle	90度-130度可以调 (90°knife holder used for making 90°-110° grooving angel) (120°knife holder used for making 110°-130° grooving angel)
刀头角度调节方式	Adjustable Angle Type	横梁整排调节 Need to adjust the whole row of crossbeam
横梁条数	Numbers Of Girder	第一道2条; 第二道1条 2 on 1st grooving part, 1 on 2nd grooving part
多少排刀	Numbers Of Knife Holder	第一道两排刀; 第二道一排刀 2 rows of knife on 1st grooving part; 1 row of knife
第一道开槽条数	Max Grooving Lines Of 1st Step	8条 8 grooving lines
第二道开槽条数	Max Grooving Lines Of 2nd Step	4条 4 grooving lines
送纸方式	Feeding Type	皮带摩擦 Belt feeder
模切角度调节	Die-cutting Angle Adjustment	伺服数控调节 Servo CNC automatic adjustment
割线精度	Corner Cutting Accuracy	≤0.2mm
割线去角部	Corner Cutting Section	伺服控制 Servo control
调刀左右	V Grooving Knife Position Adjustment	齿轮（手感） Gear Adjustable
调刀深浅	V Grooving Depth Adjustment	螺丝（手感） Screw Adjustable
刀尖对刀	Knife Adjustment	经验（手感） Operator Experience and technology
滚筒皮带调节	Scroll Belt Adjustment	手轮快捷移动皮带 Remove the belt by handwheel
清废	Waste Material Delivery System	机器后部出废料（一部与二部） The conveyor belt at the rear of the machine discharges waste
磨刀机	Knife Sharpener	自动磨刀机 Auto knife sharpener
速度	Speed	300mm×300mm/130只/min
整机重量	Weight	4300KG
功率	Power	6.0KW
整机尺寸	Machine Size	4500×3900mm×1450mm
操作占地面积	Floor Space Of Machine	18m²
第一道纠偏原理	Correction Principle Of 1st Step	橡胶轮 Rubber wheel
第二道纠偏原理	Correction Principle Of 2nd Step	橡胶轮 Rubber wheel
翻转原理	Flipping Principle	产品半重叠转回（提高稳定性和速度） Product half overlap turn back (Improved stability and speed)

SLG-850S

AUTOMATIC CORNER CUTTING AND GROOVING MACHINE
全自动割线去角开槽机

灰纸板
Gray board

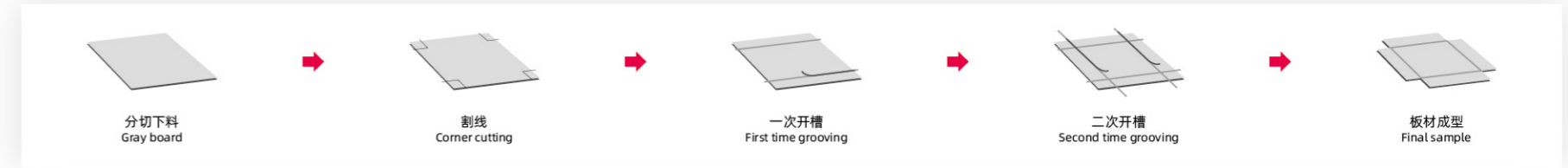


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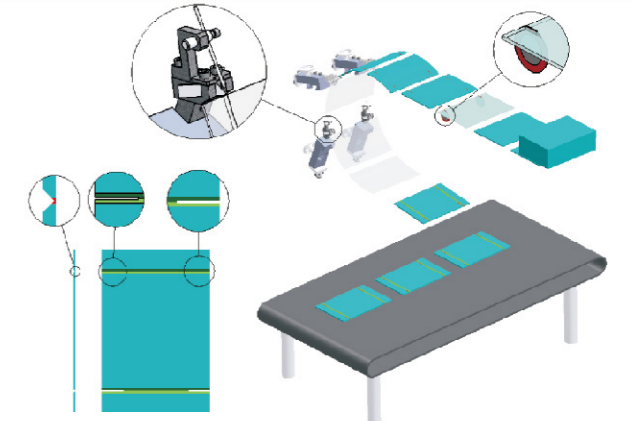


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工艺流程 Process flow



赛力让世界包装盒变得更漂亮
Saili makes the world's
packaging box more beautiful



主要技术参数 Technical Parameters

功能	Function	SLG-850S
进料尺寸	Material Width	130×130-550×850mm
槽间距精度	Grooving Precision	±0.1mm
运行速度	Speed	100-120pcs/min (200×200mm)
纸板厚度	Thickness Of Cardboard	1.5-3.0mm
开槽角度	Groove Degree	90°-130°可调
割线过线	Corner Cutting Accuracy	≤2mm
切角方式	Way Of Corner Cutting	伺服控制 By Servo controller
收料方式	Receiving Method	自动爬坡收料台 By slant conveyor belt table
横梁	Crossbeam	双横梁 2 crossbeams
多少把刀	Numbers Of Knife Holder	5×90°+4×120°
整机功率	Power	3.5KW
整机尺寸	Dimension	2650×1432×1438mm
整机重量	Weight	1650KG

KL-VX8/SL-V8

CNC FLAT GROOVING MACHINE / DIGITAL FLAT GROOVING MACHINE
数控开槽机/数显开槽机



纸塑板
Paper plastic board

灰纸板
Cardboard gray paper

中纤板
MDF

瓦楞纸
Corrugated paper



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本机适用于对纸塑立体盒、纸托、瓦楞纸、卡纸等材料开槽及局部开V型槽。

This machine is suitable for grooving and partial V-grooving of paper pulp mold, paper trays, corrugated paper, cardboard and ivory board, etc.



主要技术参数 Technical Parameters

功能	Function	KL-VX8 数控开槽机 CNC Flat Grooving Machine	SL-V8 数显开槽机 Digital Flat Grooving Machine
进料尺寸	Material Size	长: 50-800mm; 宽: 50-600mm	长: 50-800mm; 宽: 50-600mm
操作台尺寸	Working Platform Size	650×1000mm	650×1000mm
纸塑高度	Pulp Mold Height	≤150mm	≤150mm
槽间距精度	Grooving Precision	±0.1mm	±0.1mm
开槽角度	Groove Degree	90°-130°可调 90°-130°adjustable	90°-130°可调 90°-130°adjustable
两槽间距	Distance Of Each Groove	0-800mm	0-800mm
纸塑厚度	Paper-plastic Thickness	1.0-1.5mm	1.0-4.0mm
运行速度	Speed	15次来回/分钟 15 trips/Min	15次来回/分钟 15 trips/Min
开槽条数	Grooving Lines	4条 4lines	8条 8lines
横梁	Crossbeam	2排 2 crossbeams	2排 2 crossbeams
整机功率	Power	6.0KW	6.0KW
整机尺寸	Dimension	1860×1462×1500mm	1860×1462×1500mm
整机重量	Weight	2000KG	2000KG

SLG-850/850L

AUTOMATIC CORNER CUTTING AND GROOVING MACHINE
全自动割线去角开槽机

灰纸板
Gray board



主要技术参数 Technical Parameters

功能	Function	SLG-850	SLG-850L
进料尺寸	Material Width	130×130-550×850mm	150×150-650×1050mm
槽间距精度	Grooving Precision	±0.1mm	±0.1mm
运行速度	Speed	100-120pcs/min (200×200mm)	100-120pcs/min (200×200mm)
纸板厚度	Thickness Of Cardboard	1.5-3.0mm	1.5-3.0mm
开槽角度	Groove Degree	90°-130°可调	90°-130°可调
割线过线	Corner Cutting Accuracy	≤5mm	≤5mm
横梁	Crossbeam	双横梁 2 crossbeams	双横梁 2 crossbeams
多少把刀	Numbers Of Knife Holder	5×90°+4×120°	5×90°+4×120°
整机功率	Power	3.5KW	5.1KW
整机尺寸	Dimension	2650×1432×1438mm	3520×1732×1290mm
整机重量	Weight	1650KG	2780KG



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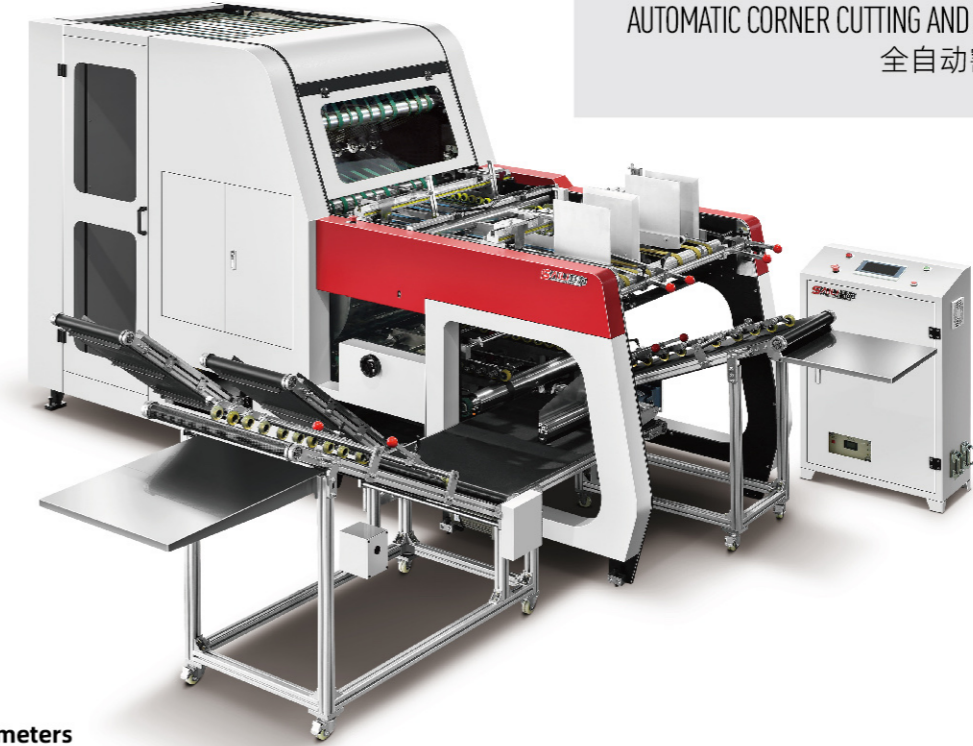


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SLG-830

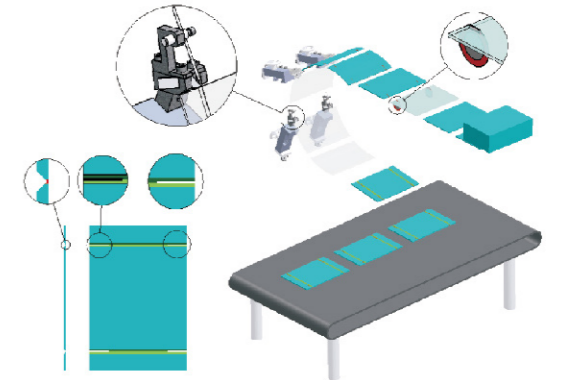
AUTOMATIC CORNER CUTTING AND GROOVING MACHINE
全自动割线去角开槽机

灰纸板
Gray board



主要技术参数 Technical Parameters

功能	Function	SLG-830
进料尺寸	Material Width	130×130-550×850mm
槽间距精度	Grooving Precision	±0.1mm
运行速度	Speed	100-120pcs/min (200×200mm)
纸板厚度	Thickness Of Cardboard	1.5-3.0mm
开槽角度	Groove Degree	90°-130°可调
割线过线	Corner Cutting Accuracy	≤3mm
横梁	Crossbeam	双横梁 2 crossbeams
多少把刀	Numbers Of Knife Holder	6×90°+6×120°
整机功率	Power	6KW
整机尺寸	Dimension	4120×3560×2020mm
整机重量	Weight	3000KG



KL-1350

CARDBOARD SLITTING MACHINE 纸板分切机

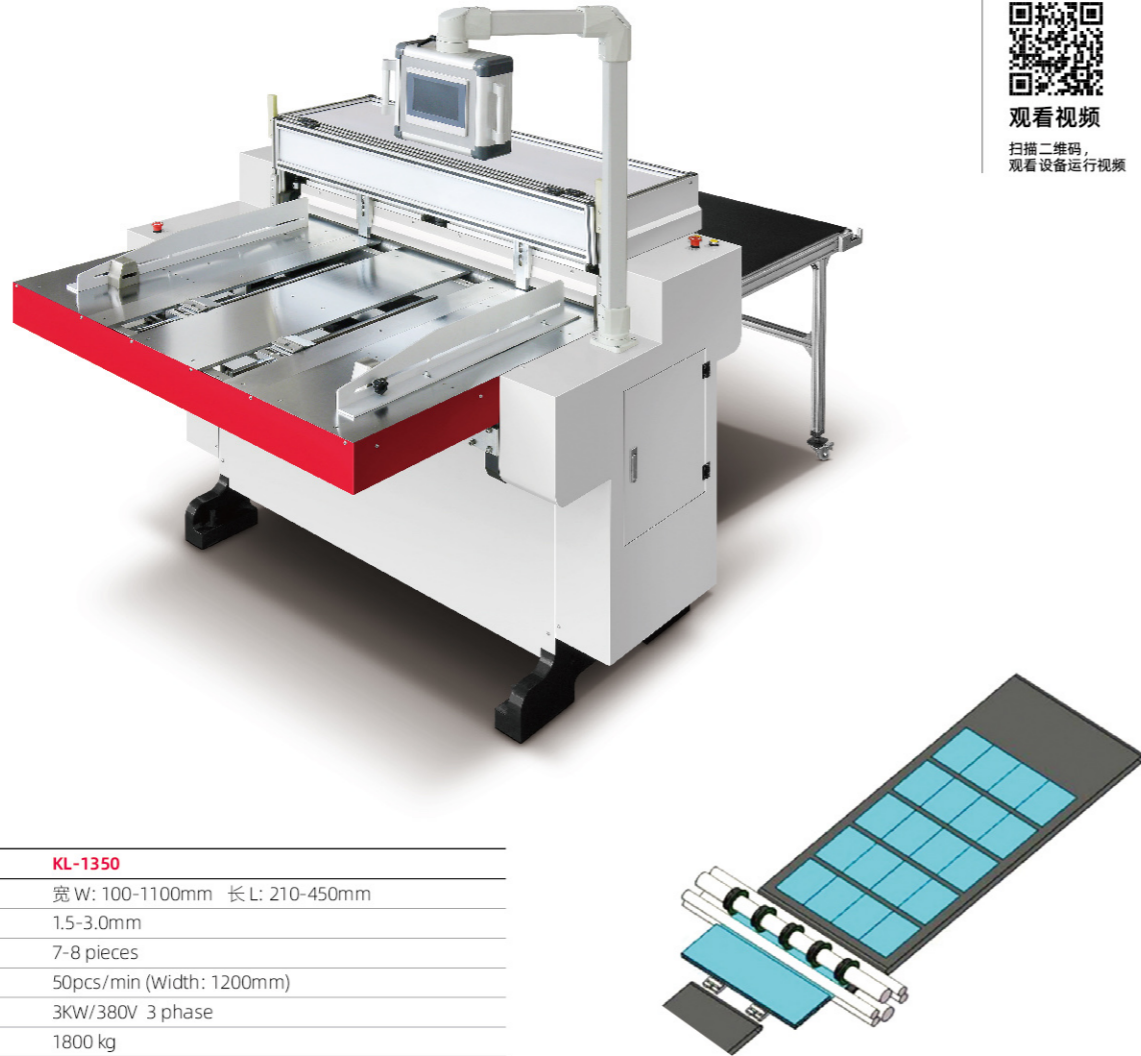
本设备用于对纸板进行分切。主要用于硬纸板、工业纸板、灰纸板等材料的分切，在切板的同时还清除边料的功能。分切精度高，生产效率快，是生产制作精装书本封面和包装盒所必备的设备。

This equipment is used to slit the cardboard. It is mainly used for the slitting of cardboard, industrial cardboard, gray cardboard and other materials, and the function of clearing the edge material while cutting the board. With high slitting precision and fast production efficiency, it is a necessary equipment for producing hardcover book covers and packaging boxes.

灰纸板
Cardboard gray paper

主要技术参数 Technical Parameters

功能	Function	KL-1350
进料尺寸	Cardboard Width	宽 W: 100-1100mm 长 L: 210-450mm
板材厚度	Cardboard Thickness	1.5-3.0mm
分切条数	Max Slitting Numbers	7-8 pieces
生产速度	Speed	50pcs/min (Width: 1200mm)
整机功率	Power	3KW/380V 3 phase
整机重量	Weight	1800 kg
整机尺寸	Dimension	L1800×1780×1100mm



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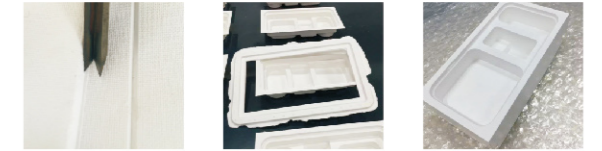


AUTOMATIC BIDIRECTIONAL PULP MOLD GROOVING MACHINE 全自动纸塑双向开槽机

SLS-V8

本机适用于对纸塑立体盒、纸托、瓦楞纸等材料开槽及局部开V型槽。

This machine is suitable for grooving and partial V-grooving of paper pulp mold, paper trays, corrugated paper, cardboard and ivoryboard, etc.



纸塑板
Paper plastic board

灰纸板
Cardboard gray paper

中纤板
MDF

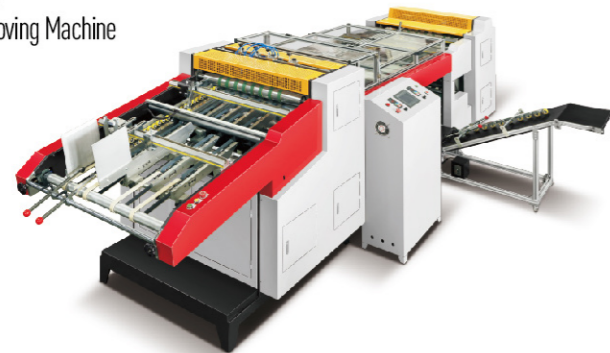
瓦楞纸
Corrugated paper

主要技术参数 Technical Parameters

功能	Function	SLS-V8
进料尺寸	Material Size	长: 50-800mm; 宽: 50-600mm
操作台尺寸	Working Platform Size	650×1000mm
纸塑高度	Pulp Mold Height	≤150mm
排废方式	Waste Discharge Method	自动吹气排废 Automatic blowing and waste discharge
出料方式	Receiving Method	自动出料 Automatic discharge
数显微调刻度	Number Of Microscopic Adjustment Scale	0.01mm
槽间距精度	Grooving Precision	±0.1mm
开槽角度	Groove Degree	90°-130°可调 90°-130°adjustable
两槽间距	Distance Of Each Groove	0-800mm
纸塑厚度	Paper-plastic Thickness	1.0-3.5mm
运行速度	Speed	8-12次来回/分钟 8-12 trips/Min
开槽条数	Grooving Lines	8条 8lines
横梁	Crossbeam	1道1排6把, 2道1排2把 1st part with 1 row of knife (totally 6 knives), 2nd part with 1 row of knife (totally 2 knives)
整机功率	Power	6.0KW
整机尺寸	Dimension	1860×1462×1500mm
整机重量	Weight	2800KG

SLG-600

Bidirectional Automatic
Corner Cutting And Grooving Machine
割线横竖开槽机



KLG-950/950L

High Speed Automatic
Grooving Machine
多功能高速开槽机



KL-V8

Flat Grooving Machine
平板开槽机



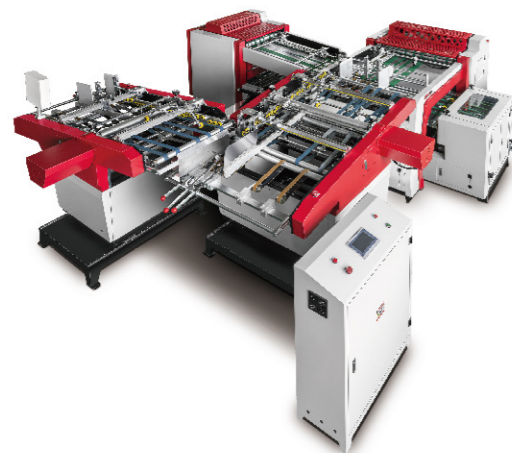
KL-1000-2

Semi Auto
Grooving Machine
滚筒式起沟机



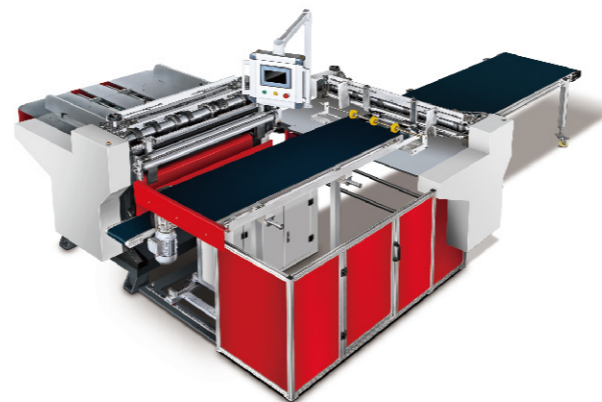
KLQ-600G

Automatic Bidirectional Corner
Cutting And Grooving Machine
全自动七字双向
割线开槽机



SLQ-1300

Automatic Bidirectional
Slitting Machine
双向纸板分切机



KLZ-935/935L

Thin Cardboard Automatic
Grooving Machine
异型卡纸开槽机

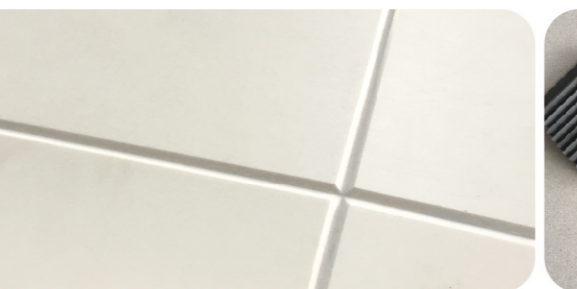
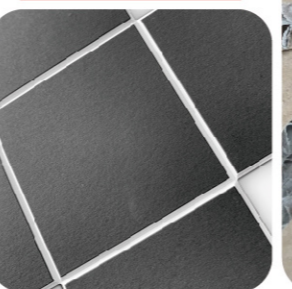
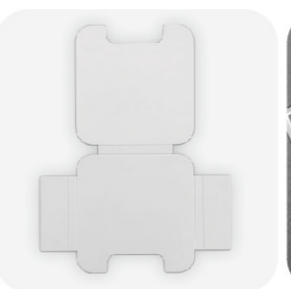
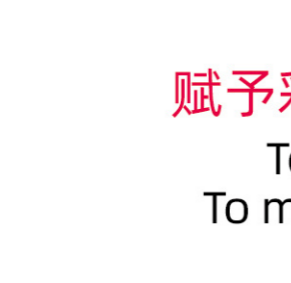
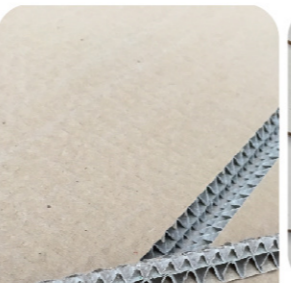
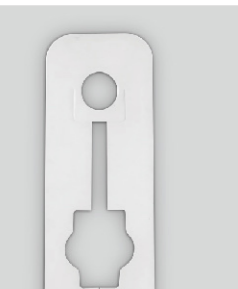
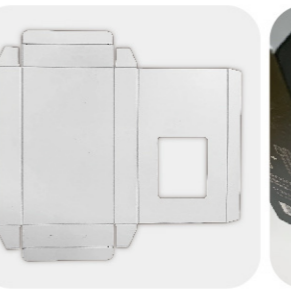
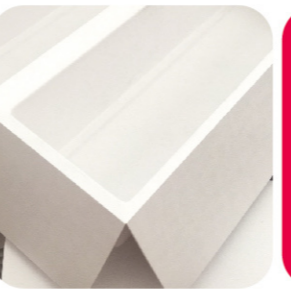
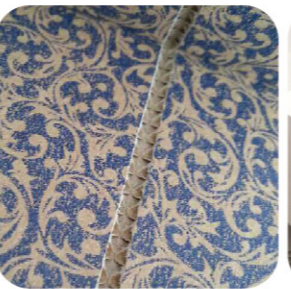
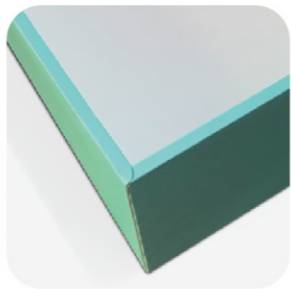


KLZ-900

Automatic Grooving Machine
全自动滚筒式起沟机



开槽效果展示
Grooving effect display



赋予彩盒生命力 让包装丰富生活
To make vitality for color box
To make the rich life for packaging

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为更好地服务广大客户，我们在全球多个区域设立了办事处。并专注服务于礼品盒、手机盒、鞋盒、内衣盒、食品盒、五金盒等各个领域的包装机械设备。

我们拥有20多年丰富的行业经验，产品远销全球80多个国家，装机数量在同行中名列前茅。我们一直致力于为我们的业务合作伙伴提供实现目标所需的先进工艺、设备服务和创新技术，满足其特定的功能需求。

我们将持续以独特的市场定位、革新的技术实力，竭诚为客户提供全方位服务。

In order to better serve our customers, we have set up offices in several regions around the world. We also specialise in packaging machinery and equipment for various fields such as gift boxes, mobile phone boxes, shoe boxes, underwear boxes, food boxes and hardware boxes.

With more than 20 years of experience in the industry, our products are sold in more than 80 countries, and the number of installed machine is among the highest in the industry. We have always been committed to providing our business partners with the advanced processes, equipment services and innovative technologies needed to achieve their goals and meet their specific functional requirements.

We continue to provide our customers with a unique market position, innovative technological capabilities and a full range of services.

独具人性关怀的服务体系

Unique human care service system

每个行业都对他们的合作伙伴有着特殊的要求，每时每刻、精益求精。赢取客户满意度的第一步就是理解客户的要求。为此，当我们承接新任务的时候，首先要完整而准确地倾听客户的要求。不断革新的技术知识和我们整个企业团队的创新能力为我们具有最佳客户定位、量身定制的产品和以市场为导向的解决方案提供强有力的保证。

Each industry has its own special requirements for its partners. The first step in achieving customer satisfaction is to understand what the customer wants. To this end, when we undertake new tasks, the first thing is to fully and accurately listen to the requirements of the customer. Our innovative technical knowledge and the innovative capabilities of our entire enterprise team provide strong assurance that we have the best customer positioning, tailored products and market-oriented solutions.

提供全天候电话咨询。服务。
Provide 24-hour telephone consultation service.



对用户提出的服务要求，在最短时间内给与答复并提出解决方案
Service requirements for users, in the shortest time Give answers and propose solutions



提供免费安装、调试、售后人员会告知客户如何进行产品保养的常识
Provide free installation, debugging, after-sales staff will inform How do customers carry out product maintenance knowledge



售后服务人员随时待命，为客户解决各项疑难问题。
After-sales service personnel are always ready to solve various problems for customers.



设备交货一周内，售后人员会进行电话跟踪咨询直到客户满意为止。
Within one week after the delivery of the equipment, the after-sales staff will conduct telephone tracking consultation Until the customer is satisfied.



拥有我们的设备，即享受一年保修，终生维护。
To own our equipment is to enjoy a one-year warranty for lifetime maintenance.

