

公司简介

COMPANY PROFILE



佛山市南海区德昌誉机械制造有限公司（以下简称“德昌誉”）成立于二十世纪八十年代，一直致力于纸巾加工机械的设计、研发及生产，已成为享誉国内外的纸巾加工机械的知名企业。包括复卷机系列，盒装机系列，分切机系列，卷管机系列等五大系列机型及其相关的配套设备。

发展至今，德昌誉及兄弟公司佛山达健实验设备有限公司、佛山达意科技有限公司，拥有约10万平米厂房面积，近400名员工的中型企业。

公司员工队伍精英荟萃，形成了自己独特、有效的科研攻关体系；企业全面推行电脑系统化的管理，更获得了ISO9001:2015国际质量体系认证、CE认证；以国际标准为导向监控产品的设计生产、售后服务。公司集研发、制造、销售于一体，充分掌握市场动向及需要，为客户提供从低端到高端的完整产品线，满足不同客户的需求。积极完善售后服务，务求赢得每个客户的绝对信任和长期支持。

德昌誉公司的产品销售遍及全国，远销至五大洲60多个国家和地区；为进一步扩大销售网络和完善的售后服务，在国内开设多个分部，负责销售及售后服务；于国际互联网的多个站点发布相关信息，随时随地与各地客户互通，了解市场最新信息。

在全球经济一体化的大趋势下，德昌誉人期待与全球的朋友真诚合作，把握新机遇，创造新的辉煌……

Foshan Nanhai Dechangyu Paper Machinery Manufacture Co., Ltd. (hereinafter referred to as "Dechangyu") was established in the 1980s and has been committed to the design, development and production of tissue converting machinery, and has become a well-known company in China and in the world. Dechangyu products includes five series, such as 1. "toilet roll/kitchen towel/Industrial roll serie" machine, 2." facial tissue/kitchen towel/hand towel serie" machine, 3. "slitting rewinder serie" machine, 4. "lotion coating serie" , 5." other auxiliary machines"

Since its development, Dechangyu and its brother companies Foshan Dajian Equipment Co., Ltd. and Foshan Dayi Technology Co., Ltd. have a plant area of around 100,000 square meters and a medium-sized enterprise with nearly 400 employees.

The company's elite staff has formed its own unique and effective scientific research system; the company fully implements computerized system management, and has obtained ISO9001:2015 international quality system certification

and CE certification; the design and production of products are monitored by international standards , after-sales service. The company integrates R&D, manufacturing, and sales, fully grasps market trends and needs, and provides customers with a complete product line from low-end to high-end to meet the needs of different customers. Actively improve after-sales service, in order to win the absolute trust and long-term support of each customer.

Dechangyu's products are sold all over the country and exported to more than 60 countries and regions on five continents; in order to further expand the sales network and improve after-sales service, it has opened multiple branches in China to be responsible for sales and after-sales services; Multiple sites publish relevant information, communicate with customers from all over the world anytime and anywhere, and learn about the latest market information.

Under the general trend of global economic integration, Dechangyu people look forward to sincere cooperation with friends all over the world, seize new opportunities and create new brilliance...



员工休闲区花园



80000m²制造中心



先进的零件加工设备

发展历程

DEVELOPMENT PROCESS



1987年，公司成立。公司最初总占地面积400m²，经过多次厂房搬迁，2011年扩建到40000m²。

2001年5月，首次赴中东参加专业展览会宣传品牌，之后每年都出国参展，至今足迹遍及几十个国家。

2001年至今，荣获多项国家发明和实用新型专利证书。

2002年，荣获国家商标注册证书。

2003年6月，与阿里巴巴签订诚信通（限量版）服务。

2007年6月，荣获“佛山市守合同重信用企业”证书。

2008年12月，荣获科技信息局授予佛山市生活用纸后加工设备“工程技术研究开发中心”。

2009年3月，荣获“ISO9001:2008”证书。

2009年6月，荣获广东省科技厅授予的“广东省民营科技企业资格证书”。

2010年12月，荣获国家“高科技技术企业”证书。

2012年4月，“佛山市先进劳动者”，荣誉落户我司。

2013年全新60000m²的制造中心开始投入使用，总制造车间面积达到100000m²。

2015年，建立佛山市生活用纸后加工装备工程技术研究中心

2016年，荣获“高新技术企业”证书

2019年，荣获“高新技术企业”、“国家知识产权优势企业”、“广东省知识产权示范企业”证书、技术成果登记“卫生卷纸无胶封尾装备研发及产业化技术成果处于国际先进水平”

2018年，荣获“广东省名牌企业”、“ISO9001：2015国际质量管理体系标准”、“佛山市行业细分龙头企业”、“连续12年广东省守合同重信用企业”、“南海区品牌企业行动计划试点企业”证书

2015年，组建“广东省生活用纸后加工装备工程技术研究中心”、荣获“广东省名牌企业”证书



合作伙伴

COOPERATION PARTNER



荣誉证书

COMPANY'S CERTIFICATE



展会

TRADE SHOW



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RT-CRT-KT-JRT
卷纸厨房纸小盘纸系列
TOILET ROLL/KITCHEN TOWEL/
INDUSTRIAL ROLL SERIE

600 全自动高速卷纸/厨房用纸生产线

Fully Automatic High Speed Toilet Roll / Kitchen Towel Production Line



由以下机型组成:

Is Composed Of Following Machines:

ZX-V 自动卷管机
Core Winding Machine.....P80

CX-I 储芯机
Core Storage.....P78

ZQ-H600 全自动卷纸/厨房用纸连续复卷机
Fully-Automatic Toilet Roll/Kitchen Towel Rewinder (Non-Stop)

XCZ-I 储纸架
Accumulator.....P81

DH-VI 大回旋切纸机 (4通道) (两台)
Log Saw Cutter (4 Lanes).....P29

上胶复合压花卫生卷纸、厨房纸



无胶复合压花卫生卷纸

无胶复合压花厨房纸

ZQ-H机型的特点:

- 1.不停机, 连续复卷;
- 2.各功能单元采用独立电机(或伺服电机)控制, 机构简单, 大大减少故障率;
- 3.伺服电机控制打手, 在打孔线上断纸, 稳定准确;
- 4.采用高精度数控加工的大辊径刀轴、西门子SIMOTION高端控制系统、定向轴有轴向横移功能, 刀片更耐用, 实现精密控制, 保证打孔准确清晰、纸卷直径松紧度合适。

Characteristics of ZQ-H:

- 1.Non-stop type machine, continuously rewind;
- 2.Each unit is driven by independent motor(servo motor); Simple structure decreases failure rate;
- 3.Servo motor controls machine hand and break the web at perforation line steadily and precisely;
- 4.Adopt high-precision NC machined large diameter blade shaft, and Siemens SIMOTION system, and automatic blades axial slid function, guarantee perforation is precise and clear, and the rolls have finest tightness and diameter.

*机型 Model	ZQ-H600 2900/3650		
*原纸宽度 Max width of raw paper	2850/3600mm, 其他请注明 others please specify		
*设计速度 Design speed	0-600m/min		
*生产担保速度 Guarantee operation speed	有芯 With core : 0-500m/min		
原纸最大外径 Max outer diameter of raw paper	3000mm/2500mm/2000mm/1500mm, 其他尺寸请注明 others please specify		
成品外径 Outer diameter of finished product	90-140mm, 其他请注明 Others please specify		
成品纸芯外径 Outer diameter of finished product core	35-50 mm, 其他请注明 Others please specify		
成品完成条件 Product finish condition	总长度/直径 Total length/diameter		
打孔刀 Perforation blade	6片螺旋打孔刀片, 独立电机驱动 6-helix perforating blades, driven by independent motor		
打孔节距 Perforation length	独立电机调节 Independent motor adjusting 6片刀 6 blades : 80-150mm 3片刀 3 blades:160-300mm		
入纸保护 Web feeding protection	自动限厚侦测 Automatic web thickness monitor		
可选项 Options			
后架 Backstand 1-4层, 有轴式/无轴式 1-4 plies, with shaft or shaftless type	压边纹 Edge-embossing 气囊式 Air bag type	压花 Embossing 钢对胶辊、钢辊/凸对平 Steel to rubber/steel roller	纸管上胶 Core gluing 起卷皱褶在两截之内 less than 2 wrinkle pitches per roll
上胶复合 Lamination 点对点/点对面/装饰性压花 (标配/中配/高配) Point to point/nested/Deco (Standard/medium/high grade)	无胶封尾机 Glue-Free Tail Sealer 25-45条/分钟 logs/min	挂胶式高速封尾机 Tip type tail sealer 40卷/分钟 logs/min	快速换纸换卷后架 Fast-change unwinder



*机型 Model	DH-VI
*纸卷长度 Paper roll length	2850/3550, 其他请注明 Others please specify
*通道 Lane	4通道 4 lanes
机器速度 Machine speed	150切/分 150cut/min, 4卷/每切 4 rolls/cut
*操作速度 Operation speed	成品长度 Cutting length 110mm: 130切/分 130cut/min 成品长度 Cutting length 230mm: 90切/分 90cut/min
成品规格 Specification of finished product	纸卷外径 Outer dia.90-140mm 切断长度 Cutting length 50-300mm 边料长度 Ends length 25-100mm
切纸长度调节 Cutting length adjusting	通过面板控制, 公差在±1mm(不含头尾) Set on operation panel, tolerance ±1mm(not including both ends)
推手驱动控制 Driving control of pusher	伺服电机驱动 Driven by servo motor
磨刀 Blade grinding	自动磨刀, 气动砂轮固定角度磨刀, 参数可通过面板控制 Automatic grinding, pneumatic wheel fix angle grinding, parameters can be programming controlled on operating panel
裁纸圆刀外径 Diameter of blade	610mm
磨刀进给 Grinder feeding	自动 Automatic
夹具 Clamp	可更换, 成品外径尺寸请注明 Replaceable, please specify dia. of finish product
编程控制器 Procedure control	西门子 Siemens PLC
使用动力 Power	28KW
功能形式 Functional forms	分切刀回旋并自转, 同时伺服电机控制纸卷前行 Cutting blade running and spinning, and control logs moving on at the same time
吸尘系统 Dust collection system	对两边磨刀砂轮进行吸尘, 并配有一个吸风机排热和排尘。 Absorb dust on grinders, exhaust fan exhausts dust and hot air.
切刀架高度补偿 Cutting blade height adjustment	HMI控制 Controlled by HMI
纸头纸尾自动剔除系统, 输送系统 Both ends removal system, conveyor system	

600 全自动高速卷纸/厨房用纸/小盘纸生产线

Fully Automatic High Speed Toilet Roll / Kitchen Towel / JRT Production Line



由以下机型组成:
Is Composed Of Following Machines:

ZX-V 自动卷管机
Core Winding Machine.....PS0

CX-I 储芯机
Core Storage.....P78

ZQ-H600 全自动卷纸/厨房用纸/小盘纸连续复卷机
Fully-Automatic Toilet Roll/Kitchen Towel /JRT Rewinder (Non-Stop)

XCZ-I 储纸架
Accumulator.....PS1

DH-VI 大回旋切纸机 (4通道)
Log Saw Cutter (4 Lanes).....P29

DCZ-I 储纸架
Accumulator.....PS1

DH-VIII 大回旋切纸机 (小盘纸)
Log Saw Cutter (JRT).....P14



上胶复合压花卫生卷纸、厨房纸、小盘纸



中间抽芯、不打孔小盘纸

ZQ-H机型的特点:

- 1.不停机, 连续复卷;
- 2.各功能单元采用独立电机(或伺服电机)控制, 机构简单, 大大减少故障率;
- 3.伺服电机控制打手, 在打孔线上断纸, 稳定准确;
- 4.采用高精度数控加工的大直径刀轴、西门子SIMOTION高端控制系统、定向轴有轴向横移功能, 刀片更耐用, 实现精密控制, 保证打孔准确清晰、纸卷直径松紧度合适;
- 5.多用途生产线: 连接新型DH-VIII大回旋切纸机和储纸架后, 还可生产小盘纸产品。

Characteristics of ZQ-H:

- 1.Non-stop type machine, continuously rewind;
- 2.Each unit is driven by independent motor(servo motor); Simple structure decreases failure rate;
- 3.Servo motor controls machine hand and break the web at perforation line steadily and precisely;
- 4.Adopt high-precision NC machined large diameter blade shaft, and Siemens SIMOTION system, and automatic blades axial slid function, guarantee perforation is precise and clear, and the rolls have finest tightness and diameter;
- 5.Multipurpose production line: after connecting to DH-VIII log saw cutter and accumulator, it could process JRT products.

*机型 Model	ZQ-H600 2900/3650
*原纸宽度 Max width of raw paper	2850/3600mm, 其他请注明 others please specify
*设计速度 Design speed	0-600m/min
*生产担保速度 Guarantee operation speed	有芯 With core : 0-500m/min
原纸最大外径 Max outer diameter of raw paper	3000mm/2500mm/2000mm/1500mm, 其他尺寸请注明 others please specify
成品外径 Outer diameter of finished product	卷纸50-140mm, 小盘纸150-300mm, 其他请注明 Others please specify
成品芯外径 Outer diameter of finished product core	卷纸30-50mm, 小盘纸50-85mm, 其他请注明 Others please specify
成品完成条件 Product finish condition	总长度/直径 Total length/diameter
打孔刀 Perforation blade	6片螺旋打孔刀片, 独立电机驱动 6-helix perforating blades, driven by independent motor
打孔节距 Perforation length	独立电机调节 Independent motor adjusting 6片刀 6 blades: 80-150mm 3片刀 3 blades:160-300mm
入纸保护 Web feeding protection	自动限厚侦测 Automatic web thickness monitor

可选项Options

后架 Backstand 1-4层, 有轴式/无轴式 1-4 plies, with shaft or shaftless type	压边纹 Edge-embossing 气囊式 Air bag type	压花 Embossing 钢对胶辊, 钢辊/凸对平 Steel to rubber/steel roller	纸管上胶 Core gluing 起卷皱褶在两截之内 less than 2 wrinkle pitches per roll
上胶复合 Lamination 点对点/点对面/装饰性压花 (标配/中配/高配) Point to point/nested/Deco (Standard/medium/high grade)	无胶封尾机 Glue-Free Tail Sealer 25-45条/分钟 logs/min	挂胶式高速封尾机 Tip type tail sealer 40 卷/分钟 logs/min	快速接纸换卷后架 Fast-change unwinder

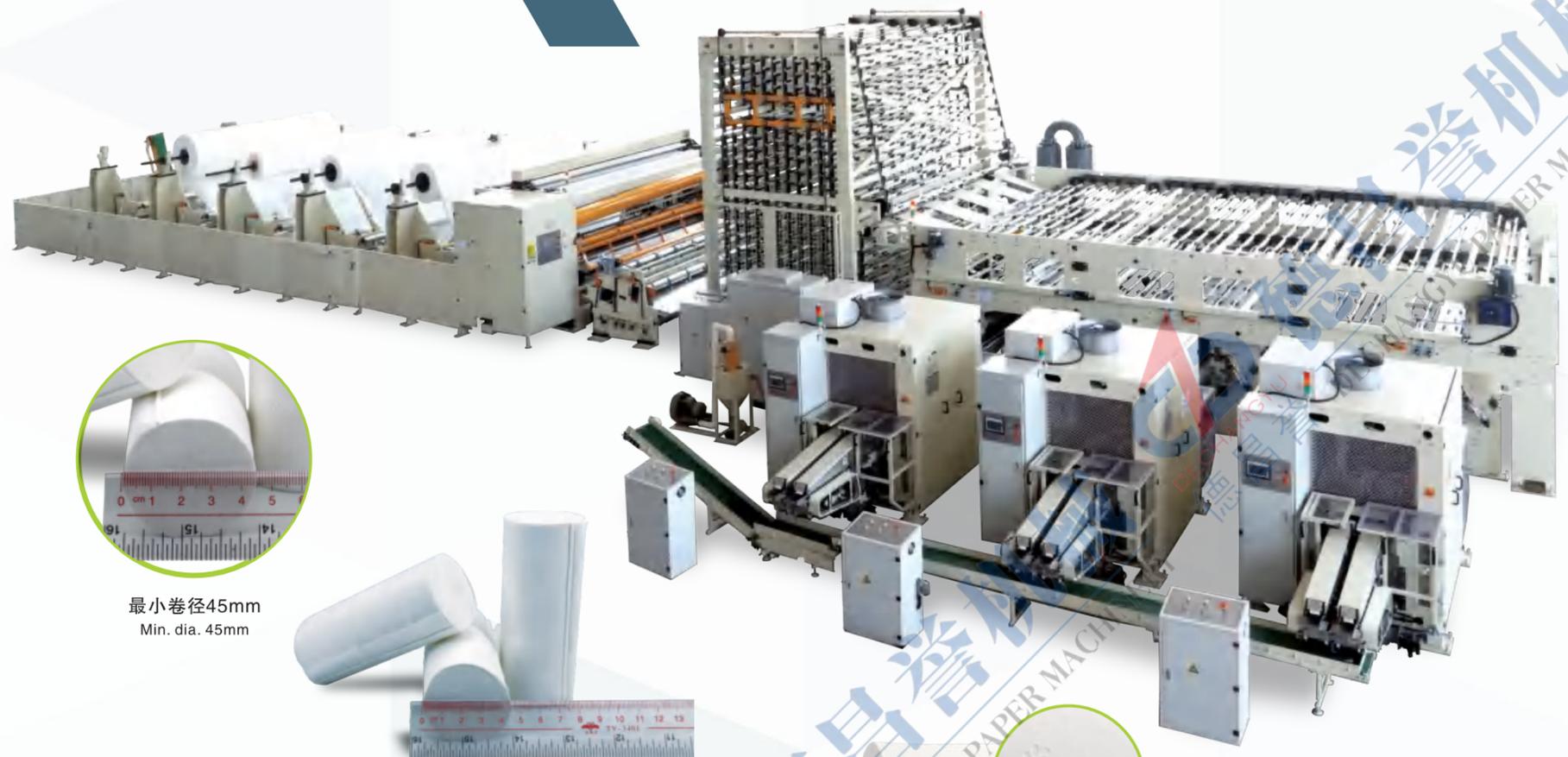


*DCZ-I 储纸架
Accumulator
*DH-VIII 小盘纸大回旋
Log Saw Cutter

*机型 Model	DH-VIII
*纸卷长度 Paper roll length	1780/2850/3500mm
通道 Lane	2通道 2 lanes
机器速度 Machine speed	100切/分 150cut/min, 2卷/每切 2 rolls/cut
*操作速度 Operation speed	小盘纸: 直径150-300mm, 40-80切/分; JRT: dia. 150-300mm,40-80 cuts/min; *密度≥250kg/m³, 直径≥150mm, 小盘纸只可切1通道 *Density ≥250kg/m³, dia. ≥150mm, JRT could only use 1 lane to cut
成品规格 Specification of finished product	纸卷外径 Cutter dia.65-300mm 切断长度 Cutting length 50-300mm 边料长度 Ends length 25-100mm
切纸长度调节 Cutting length adjusting	通过面板控制, 公差在±1mm (不含头尾) Set on operation panel, tolerance ±1mm(not including both ends)
推手驱动控制 Driving control of pusher	伺服电机驱动 Driven by servo motor
磨刀 Blade grinding	自动磨刀, 气动砂轮固定角度磨刀, 参数可通过面板程控 Automatic grinding, pneumatic wheel fix angle grinding, parameters can be programming controlled on operating panel
裁纸圆刀外径 Diameter of blade	卫生卷纸、厨房纸: 圆刀直径610mm ; Toilet roll/kitchen towelround blade dia. 610mm; 小盘纸: 圆刀直径1000mm; JRT: round blade dia. 1000mm
磨刀进给 Grinder feeding	自动 Automatic
夹具 Clamp	可更换, 成品外径尺寸请注明 Replaceable, please specify dia. of finish product
编程控制器 Procedure control	西门子 Siemens PLC
使用动力 Power	46KW
功能形式 Functional forms	分切刀回旋并自转, 同时伺服电机控制纸卷前行 Cutting blade running and spinning, and control logs moving on at the same time
吸尘系统 Dust collection system	对两边磨刀砂轮进行吸尘, 并配有一个吸风机排热和排尘。 Absorb dust on grinders, exhaust fan exhausts dust and hot air.
切刀架高度补偿 Cutting blade height adjustment	HMI控制 Controlled by HMI

450/350 小卷径无芯卷纸生产线

Fully Automatic High Speed Toilet Roll / Kitchen Towel Production Line



最小卷径45mm
Min. dia. 45mm



由以下机型组成:
Is Composed Of Following Machines:

ZQ-H450/350 全自动卷纸/厨房用纸连续复卷机
Fully-Automatic Toilet Roll/Kitchen Towel Rewinder

CZ-IV 储纸架
Accumulator.....P81

DH-VII 压扁大回旋切纸机(2通道)(2-3台)
Pressed Paper Log Saw Cutter (2 Lanes).....P29

XDH-X 双刀大回旋切纸机 (4通道)
Log Saw Cutter (4 Lanes/2 blades).....P20

无芯卷纸生产速度

幅宽 **2900/3700mm**
400米/分钟 或 40条/分钟
卷径 **45-120mm** 无胶封尾
起卷皱纹 **0.3~0.8m**

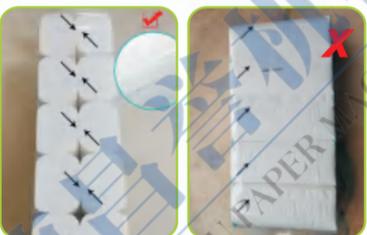
Coreless roll produce speed
400m/min or **40 log/min**
Dia. **45-120mm** glue-free tail sealed
wrinkle of beginning **0.3~0.8m**



生产速度 Produce speed



起皱长度 $\leq 0.3-0.8m$
端面中心凹陷 $\leq 5-8mm$
Wrinkle $\leq 0.3-0.8m$
End centre depression depth $\leq 5-8mm$



封尾角度定向器效果对比
Tail direction regulator effect & comparison



无胶封尾效果
Glue-free tail seal effect



起卷质量对比
Rewind quality comparison

ZQ-H机型的特点:

- 1.不停机, 连续复卷;
- 2.各功能单元采用独立电机(或伺服电机)控制, 机构简单, 大大减少故障率;
- 3.伺服电机控制打手, 在打孔线上断纸, 稳定准确;
- 4.采用高精度数控加工的大辊径刀轴、西门子SIMOTION高端控制系统、定向轴有轴向横移功能, 刀片更耐用, 实现精密控制, 保证打孔准确清晰、纸卷直径松紧度合适;
- 5.恒压真空起卷, 无芯卷纸起卷更快速, 卷芯漂亮少褶皱。

Characteristics of ZQ-H:

- 1.Non-stop type machine, continuously rewind;
- 2.Each unit is driven by independent motor(servo motor); Simple structure decreases failure rate;
- 3.Servo motor controls machine hand and break the web at perforation line steadily and precisely;
- 4.Adopt high-precision NC machined large diameter blade shaft, and Siemens SIMOTION system, and automatic blades axial slid function, guarantee perforation is precise and clear, and the rolls have finest tightness and diameter;
- 5.Use constant-vacuum system to start rewinding coreless roll, faster and less wrinkles.

*机型 Model	ZQ-H450 3600/2900	ZQ-H350 3600/2900
*原纸宽度 Max width of raw paper	3600/2850, 其他请注明 others please specify	
*设计速度 Design speed	0-450m/min	0-350m/min
*生产担保速度 Guarantee operation speed	无芯 Coreless : 0-400m/min	无芯 Coreless : 0-260m/min
原纸最大外径 Max outer diameter of raw paper	3000mm/2500mm/2000mm/1500mm, 其他尺寸请注明 others please specify	
成品外径 Outer diameter of finished product	45mm-140mm, 其他请注明 Others please specify	
成品完成条件 Product finish condition	总长度/直径 Total length/diameter	
打孔刀 Perforation blade	6片螺旋打孔刀片, 独立电机驱动 6-helix perforating blades, driven by independent motor	4片螺旋打孔刀片, 独立电机驱动 4-helix perforating blades, driven by independent motor
打孔节距 Perforation length	独立电机调节 6片刀6 blades:80-150mm, 3片刀3 blades:160-300mm	独立电机调节 4片刀4 blades:90-130mm, 2片刀2 blades:180-260mm
入纸保护 Web feeding protection	自动限厚侦测 Automatic web thickness monitor	

可选项 Options

后架 Backstand 1-4层, 有轴式/无轴式 1-4 plies, with shaft or shaftless type	压边纹 Edge-embossing 气囊式 Air bag type	压花 Embossing 钢对胶辊、钢辊/凸对平 Steel to rubber/steel roller	上胶复合 Lamination 点对点/点对底/ 装饰性压花 (标配/中配/高配) Point to point/nestled/Deco (Standard/medium/high grade)
生产有芯卷纸 Produce with core roll	纸管上胶 Core gluing 起卷皱纹在两截之内 less than 2 wrinkle pitches per roll	无胶封尾机 Glue-Free Tail Sealer 25-45条/分钟 logs/min	挂胶式高速封尾机 Tip type tail sealer 40卷/分钟 logs/min

450/350 全自动高速卷纸/厨房用纸生产线

Fully Automatic High Speed Toilet Roll / Kitchen Towel Production Line



ZQ-H机型的特点:

- 1.不停机, 连续复卷;
- 2.各功能单元采用独立电机(或伺服电机)控制, 机构简单, 大大减少故障率;
- 3.伺服电机控制打手, 在打孔线上断纸, 稳定准确;
- 4.采用高精度数控加工的大辊径刀轴, 西门子SIMOTION高端控制系统、定向轴有轴向横移功能, 刀片更耐用, 实现精密控制, 保证打孔准确清晰、纸卷直径松紧度合适。

Characteristics of ZQ-H:

- 1.Non-stop type machine, continuously rewind;
- 2.Each unit is driven by independent motor(servo motor); Simple structure decreases failure rate;
- 3.Servo motor controls machine hand and break the web at perforation line steadily and precisely;
- 4.Adopt high-precision NC machined large diameter blade shaft, and Siemens SIMOTION system, and automatic blades axial slid function, guarantee perforation is precise and clear, and the rolls have finest tightness and diameter.

高速印刷单元特点:

- 1、适用性强: 适用于高速分切复卷机, 开停式/连续式复卷产品生产线等生产设备;
- 2、速度快: 工作速度可达400米/分钟或以上;
- 3、套印准: 误差≤0.5mm;
- 4、换版方便: 可选配印刷套筒方式, 轻松更换印刷版。

Characteristics of High speed printing unit :

- 1、Strong applicability: suitable of high speed slitting rewinder, non-stop rewinder and other production line;
- 2、High speed: the Working speed can reach 400m/min or above;
- 3、Overprinting accuracy: tolerance≤0.5mm;
- 4、Convenient plate change: Optional printing sleeve, easy to change the printing plate.



印刷单元 Printing unit	
原纸最大幅宽 Jumbo reel Max.width	1500/2050/2900mm, 其他请注明 others please specify
印刷最大幅宽 Printing Max.width	1500/2050/2870mm, 其他请注明 others please specify
设计速度 Design speed	0-450米/分钟 m/min
稳定运行速度 Runing speed	≥400米/分钟 m/min
套印误差 Printing tolerance	≤0.5mm
水墨循环系统 Ink cycle system	含循环, 过滤装置 Including cycle and filter system
印版贴版形式--更换版辊 Pattern change way	版辊贴版形式--更换版辊 Change the printing roll with printing plate 可选配, 印刷套筒方式--通过更换套筒来更换花纹, 更加省事省力! Optional function, printing sleeve type, change the sleeve with printing plate



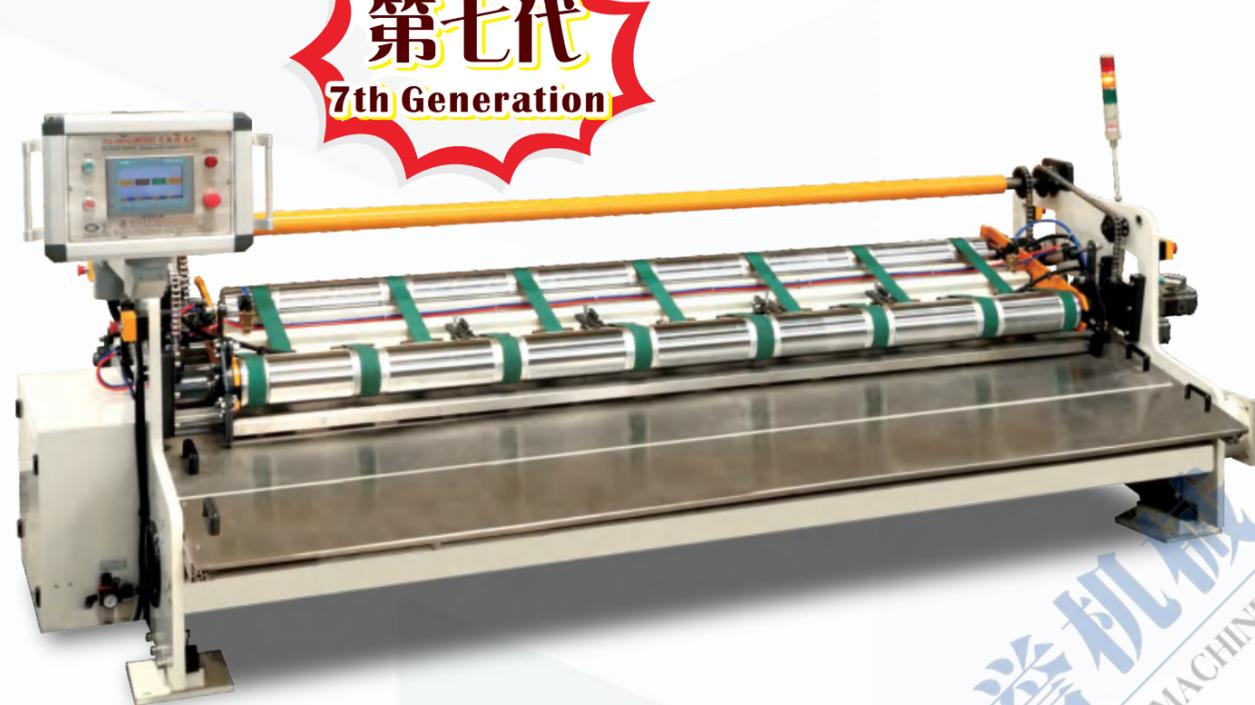
*机型 Model	ZQ-H450 3600/2900	ZQ-H350 3600/2900
*原纸宽度 Max width of raw paper	3600/2850, 其他请注明 others please specify	
*设计速度 Design speed	0-450m/min	0-350m/min
*生产担保速度 Guarantee operation speed	0-400m/min	0-300m/min
原纸最大外径 Max outer diameter of raw paper	3000mm/2500mm/2000mm/1500mm, 其他尺寸请注明 others please specify	
成品外径 Outer diameter of finished product	90mm-140mm, 其他请注明 Others please specify	
成品纸芯外径 Outer diameter of finished product core	35-50 mm, 其他请注明 Others please specify	
成品完成条件 Product finish condition	总长度/直径 Total length/diameter	
打孔刀 Perforation blade	6片螺旋打孔刀片, 独立电机驱动 6-helix perforating blades, driven by independent motor	4片螺旋打孔刀片, 独立电机驱动 4-helix perforating blades, driven by independent motor
打孔节距 Perforation length	独立电机调节 Independent motor adjusting 6片刀6 blades:80-150mm, 3片刀3 blades:160-300mm	独立电机调节 Independent motor adjusting 4片刀4 blades:90-130mm, 2片刀2blades:180-260mm
入纸保护Web feeding protection	自动限厚侦测 Automatic web thickness monitor	

可选项Options

后架 Backstand 1-4层, 有轴式/无轴式 1-4 plies, with shaft or shaftless type	压边纹 Edge-embossing 气囊式 Air bag type	压花 Embossing 钢对胶辊、钢辊/凸对平 Steel to rubber/steel roller	上胶复合 Lamination 点对点/点对底/ 装饰性压花 (标配/中配/高配) Point to point/nested/Deco (Standard/medium/high grade)
挂胶式高速封尾机 Tip type tail sealer 40卷/分钟 logs/min	无芯功能 Coreless function 生产无芯卷纸 Produce coreless roll	纸管上胶 Core gluing 起卷皱褶在两截之内 less than 2 wrinkle pitches per roll	无胶封尾机 Glue-Free Tail Sealer 28-45条/分钟 logs/min
			快速换纸换卷后架 Fast-change unwinder

无胶封尾机
Glue-Free Tail Sealer

第七代
7th Generation



XDH-X 双刀大回旋切纸机 (4通道)
Log Saw Cutter (4 Lanes/2 blade)



25-45 条/分钟
logs/min

毋须胶水——生产、销售新境界
Glue-free——New Way In Produce And Sales



*机型 Model	XDH-X
*纸卷长度 Paper roll length	2000/2850/3550mm, 其他请注明 Others please specify
*通道 Lane	4通道 4 lanes
机器速度 Machine speed	220切/分 220cut/min, 4卷/每切 4 rolls/cut
*操作速度 Operation speed	成品长度 Cutting length 90-140mm: 200切/分 200cut/min 成品长度 Cutting length 140-180mm: 180切/分 180cut/min 181-200m: 150切/分 150cut/min
成品规格 Specification of finished product	纸卷外径 Outer dia. 60-120mm 切断长度 Cutting length 50-250mm 边料长度 Ends length ≥25mm
切纸长度调节 Cutting length adjusting	通过面板控制, 公差在±1mm(不含头尾) Set on operation panel, tolerance ±1mm(not including both ends)
推手驱动控制 Driving control of pusher	伺服电机驱动 Driven by servo motor
磨刀 Blade grinding	自动磨刀, 气动砂轮固定角度磨刀, 参数可通过面板程控 Automatic grinding, pneumatic wheel fix angle grinding, parameters can be programming controlled on operating panel

裁纸圆刀外径 Diameter of blade	610mm
磨刀进给 Grinder feeding	自动 Automatic
夹具 Clamp	可更换, 成品外径尺寸请注明 Replaceable, please specify dia. of finish product
编程控制器 Procedure control	西门子 Siemens PLC
使用动力 Power	28KW
功能形式 Functional forms	分切刀回旋并自转, 同时伺服电机控制纸卷前行 Cutting blade running and spinning, and control logs moving on at the same time
吸尘系统 Dust collection system	对两边磨刀砂轮进行吸尘, 并配有一个吸风机排热和排尘。 Absorb dust on grinders, exhaust fan exhausts dust and hot air.
切刀架高度补偿 Cutting blade height adjustment	HMI控制 Controlled by HMI
纸头纸尾自动剔除系统, 输送系统 Both ends removal system, conveyor system	

全自动卷纸/厨房用纸生产线
Fully Automatic Toilet Roll / Kitchen Towel Production Line



由以下机型组成：
Is Composed Of Following Machines:

ZX-II 自动卷管机
Core Winding Machine.....P79

ZQ-III-E250 全自动复卷机 (一台或多台)
Fully-Automatic Rewinder (One set or more)

XCZ-I 储纸架(可选项)
Accumulator(Optional).....P81

DH-I 大回旋切纸机 (2通道)
Log Saw Cutter (2 Lanes).....P32



ZQ-III-E250 全自动复卷机

Fully-Automatic Rewinder



ZQ-III-E250机型的特点:

- 1.生产效率比ZQ-III-E提升15~20%;
- 2.采用HMI与PLC控制, 操作简单;
- 3.各单元采用独立电机, 在HMI可容易地调节各位置的张力, 长期生产仍可保证总长度和打孔的准确度、纸卷松紧度;
- 4.独立驱动墙板式后架结构稳固简单, 容易清洁;
- 5.自动修边喷胶封尾。

Characteristics of ZQ-III-E250:

- 1.Speed is 15-20% higher than ZQ-III-E;
- 2.Adopt PLC&HMI, easy to operate the machine;
- 3.Each unit is driven by independent motor, could easily adjust web tension of each position, after years could still guarantee the accuracy of product total length and perforation size, and roll tension;
- 4.Independent wall-type backstand, structure is simpler and stronger, easy to clean;
5. Automatic tail trimming gluing sealing.

*机型 Model	ZQ-III-E250 1092/1575/1760/2200/2500/2900
*原纸宽度 Max width of raw paper	1350/1750/2000/2150/2400/2800 mm, 其他请注明 others please specify
*设计速度 Design speed	0-250 米/分 m/min
*操作速度 Operation speed	0-230 米/分 m/min
原纸最大外径 Max outer diameter of raw paper	1100mm, 其他请注明 others please specify
原纸纸芯内径 Inner diameter of raw paper core	3"、76 mm, 其他请注明 others please specify
成品外径 Outer diameter of finished product	65-145mm, 其他请注明 others please specify
成品纸芯外径 Outer diameter of finished product core	25-55 mm, 其他请注明 others please specify
成品完成条件 Product finish condition	总长度/直径 Total length/diameter
主要传动力 Power	5.5~22kw 变频调速 Varial frequency speed regulating
参数设定 Parameter setting	HMI 触摸屏控制 Touch screen operation panel
编程控制器 Procedure control	PLC
刹车 Brake	电子、气压控制 Electric&pneumatic control
机械传动 mechanical transmissio	各部分用独立变频电机与同步带传动 Each unit is driven by independent frequency converted motor transmission by synchronous belt
气动系统 Pneumatic system	4匹空气压缩机, 最小压力5kg/cm2pa, 客户自备 4HP air compressor, which the min pressure is 5kg/cm2pa(supplied by user)
打孔刀 Perforating blade	4片螺旋刀 4 pcs spiral blades
打孔节距 Perforating Size	110mm(+2mm), 请指定 Please specify

可选项Options

可调整打孔节距 Adjustable perforating Size 90-140mm,4片刀/pcs spiral blades 180-280mm,2片刀/pcs spiral blades	无芯功能 Coreless function	后架 Backstand 独立驱动墙板式后架, 1-4层 Independent motors, 1-4 plies
压花 Embossing 钢对胶辊、毛布辊、羊毛辊、钢辊、独立驱动 embossing, steel to steel/feltd /woolen/rubber,Independent drive	压边纹 Edge-embossing 气囊式 Air bag type	



ZQ-III-D300 全自动复卷机

Fully-Automatic JRT Rewinder



*机型 Model	DH-VIII
*纸卷长度 Paper roll length	1780/2850/3500mm, 常规: 2900/3700mm
通道 Lane	2通道 2 lanes
机器速度 Machine speed	150切/分 150cut/min, 2卷/每切 2 rolls/cut
*操作速度 Operation speed	小盘纸: 直径150-300mm, 40-80切/分; JRT: dia. 150-300mm, 40-80 cuts/min; *密度 ≥ 250kg/m³ 小盘纸只可切1通道 *Density ≥ 250kg/m³, JRT could only use 1 lane to cut
成品规格 Specification of finished product	纸卷外径 Outer dia. 65-300mm 切断长度 Cutting length 50-300mm 边料长度 Ends length 25-100mm
切纸长度调节 Cutting length adjusting	通过面板控制, 公差在 ±1mm (不含头尾) Set on operation panel, tolerance ±1mm (not including both ends)
推手驱动控制 Driving control of pusher	伺服电机驱动 Driven by servo motor
磨刀 Blade grinding	自动磨刀, 气动砂轮固定角度磨刀, 参数可通过面板控制 Automatic grinding, pneumatic wheel fix angle grinding, parameters can be programming controlled on operating panel
裁纸圆刀外径 Diameter of blade	卫生卷纸、厨房纸: 圆刀直径610mm; Toilet roll/kitchen towel: round blade dia. 610mm; 小盘纸: 圆刀直径1000mm; JRT: round blade dia. 1000mm;
磨刀进给 Grinder feeding	自动 Automatic
夹具 Clamp	可更换, 成品外径尺寸请注明 Replaceable, please specify dia. of finish product
编程控制器 Procedure control	西门子 Siemens PLC
使用动力 Power	46KW
功能形式 Functional forms	分切刀回旋并自转, 同时伺服电机控制纸卷前行 Cutting blade running and spinning, and control logs moving on at the same time
吸尘系统 Dust collection system	对两边磨刀砂轮进行吸尘, 并配有一个吸风机排热和排尘。 Absorb dust on grinders, exhaust fan exhausts dust and hot air.
切刀架高度补偿 Cutting blade height adjustment	HMI控制 Controlled by HMI

ZQ-III-D300机型的特点:

- 1.逾廿年成熟设计, 运行稳定, 维护经济简单;
- 2.采用HMI, PLC控制运行, 操作简单;
- 3.采用机械传动和无级变速箱, 保证打孔和纸卷总长度的准确度;
- 4.电子、气压控制刹车, 平稳、快速;
- 5.自动修边喷胶封尾;
- 6.多用途生产线: 连接新型DH-VIII大回旋切纸机和储纸架后, 还可切割小盘纸产品。

Characteristics of ZQ-III-D300:

1. Over 20 years mature design, stable operation, maintenance is economical and easy;
2. Adopt PLC&HMI, easy to operate the machine;
3. Adopt mechanical transmission and CVT gearbox, guarantee perforation and total length accuracy;
4. Electric & pneumatic controlled brake is much more steady and faster;
5. Automatic tail trimming gluing sealing;
6. Multipurpose production line: after connecting to DH-VIII log saw cutter and accumulator, it could process JRT products.

*机型 Model	ZQ-III-D300 1092/1575/1760/2200/2500/2900
*原纸宽度 Max width of raw paper	1350/1750/2000/2150/2400/2800 mm, 其他请注明 others please specify
*设计速度 Design speed	0-300 米/分 m/min
*操作速度 Operation speed	0-250 米/分 m/min
原纸最大外径 Max outer diameter of raw paper	1500mm, 其他请注明 others please specify
原纸纸芯内径 Inner diameter of raw paper core	3", 76 mm, 其他请注明 others please specify
成品外径 Outer diameter of finished product	65-300mm, 其他请注明 others please specify
成品纸芯外径 Outer diameter of finished product core	25-80 mm, 其他请注明 others please specify
成品完成条件 Product finish condition	总长度/直径 Total length/diameter
主要传动力 Power	5.5-22kw 变频调速 Varial frequency speed regulating
参数设定 Parameter setting	HMI触摸屏控制 Touch screen operation panel
编程控制器 Procedure control	PLC
刹车 Brake	电子、气压控制 Electric&pneumatic control
机械传动 mechanical transmission	各部分用独立变频电机与同步带传动 Each unit is driven by independent frequency converted motor transmission by synchronous belt
气动系统 Pneumatic system	4匹空气压缩机, 最小压力5kg/cm²pa, 客户自备 4HP air compressor, which the min pressure is 5kg/cm²pa (supplied by user)
打孔刀 Perforating blade	4片螺旋刀 4 pcs spiral blades
打孔节距 Perforating Size	110mm (+-2mm), 请指定 Please specify

可选项Options

可调整打孔节距 Adjustable perforating Size 90-140mm, 4片刀/pcs spiral blades 180-280mm, 2片刀/pcs spiral blades	无芯功能 Coreless function 生产无芯卷纸 Produce coreless roll	后架 Backstand 1-4层, 有轴式/无轴式 1-4 plies, with shaft or shaft less type
压花 Embossing 钢对胶辊, 毛布辊, 羊毛辊, 钢辊 embossing, steel to steel/felted/woolen/rubber	压边纹 Edge-embossing 气囊式 Air bag type	

ZQ-III-E250 全自动复卷机(上胶复合, 卷纸/厨房用纸)

Fully-Automatic Rewinder(Lamination)



ZQ-III-E250机型的特点:

- 1.生产效率比ZQ-III-E提升15~20%;
- 2.采用HMI与PLC控制, 操作简单;
- 3.各单元采用独立电机, 在HMI可容易地调节各位置的张力, 长期生产仍可保证总长度和打孔的准确度、纸卷松紧度;
- 4.独立驱动墙板式后架结构稳固简单, 容易清洁;
- 5.自动修边喷胶封尾。

Characteristics of ZQ-III-E250:

- 1.Speed is 15-20% higher than ZQ-III-E;
2. Adopt PLC&HMI, easy to operate the machine;
- 3.Each unit is driven by independent motor, could easily adjust web tension of each position, after years could still guarantee the accuracy of product total length and perforation size, and roll tension;
- 4.Independent wall-type backstand, structure is simpler and stronger, easy to clean;
5. Automatic tail trimming gluing sealing.

***展示机器配备上胶复合单元**
***Display machine adopts 1 set lamination unit**

*机型 Model	ZQ-III-E250 1092/1575/1760/2200/2500/2900
*原纸宽度 Max width of raw paper	1350/1750/2000/2150/2400/2800 mm, 其他请注明 others please specify
*设计速度 Design speed	0-250 米/分 m/min
*操作速度 Operation speed	0-230 米/分 m/min
原纸最大外径 Max outer diameter of raw paper	1500mm, 其他请注明 others please specify
原纸纸芯内径 Inner diameter of raw paper core	3", 76 mm, 其他请注明 others please specify
成品外径 Outer diameter of finished product	90-145mm, 其他请注明 others please specify
成品纸芯外径 Outer diameter of finished product core	25-55 mm, 其他请注明 others please specify
成品完成条件 Product finish condition	总长度/直径 Total length/diameter
主要传动力 Power	5.5~22kw 变频调速 Varial frequency speed regulatng
参数设定 Parameter setting	HMI 触摸屏控制 Touch screen operation panel
编程控制器 Procedure control	PLC

刹车 Brake	电子、气压控制 Electric&pneumatic control
机械传动 mechanical transmissio	各部分用独立变频电机与同步带传动 Each unit is driven by independent frequency converted motor transmission by synchronous belt
气动系统 Pneumatic system	4匹空气压缩机, 最小压力5kg/cm2pa, 客户自备 4HP air compressor, which the min pressure is 5kg/cm2pa(supplied by user)
打孔刀 Perforating blade	4片螺旋刀 4 pcs spiral blades
打孔节距 Perforating Size	108mm(+2mm), 请指定 Please specify
可选项Options	
可调整打孔节距 Adjustable perforating Size 90-140mm,4片刀/pcs spiral blades 180-280mm,2片刀/pcs spiral blades	无芯功能 Coreless function 生产无芯卷纸 Produce coreless roll
后架 Backstand 独立驱动墙板式后架, 1-4层 Independent motors, 1-4 plies	压花 Embossing 钢对胶、毛布、羊毛、钢、独立驱动 embossing, steel to steel/feltd/ woolen/rubber, independent drive
上胶复合 Lamination 点对点/点对底/其他 Point to point/nested/others	压边纹 Edge-embossing 气囊式 Air bag type

ZQ-III-D250 小盘纸分切复卷机

Industrial Roll Slitting Rewinder



ZQ-III-D250机型的特点:

- 1.速度提升15~20%;
- 2.PLC、独立电机控制, 减少故障率, 同步性提高减少纸面皱褶;
- 3.使用更轻便的收卷芯轴代替气胀轴, 换卷更方便快捷;
- 4.分切宽度调节简便;
- 5.分切刀可气动横移。

Characteristics of ZQ-III-D250:

- 1.Speed is 15-20% higher;
2. Adopt PLC、each unit is driven by independent motor decreases failure rate, good synchronism decreases the folds of the paper;
3. Adopt winding shaft instead of air shaft、easy to change log;
- 4.Easy to adjust slitting size;
- 5.Slitting blade can laterally moved by pneumatic.

*机型 Model	ZQ-III-D250 1092/1575/1760/2500/2900
*原纸宽度 Max width of raw paper	1350/1750/2000/2400/2800 mm, 其他尺寸请注明 Others please specify
*设计速度 Design speed	0-250m/min
*操作速度 Operation speed	0-230m/min
原纸最大外径 Max outer diameter of raw paper	1500 mm, 其他尺寸请注明 Others please specify
原纸纸芯内径 Inner diameter of raw paper core	3", 76 mm, 其他尺寸请注明 Others please specify
成品外径 Outer diameter of finished product	90-350 mm, 其他尺寸请注明 Others please specify
成品纸芯外径 Outer diameter of finished product core	76 mm, 其他请注明 Others please specify
成品完成条件 Product finish condition	总长度/直径 Total length/diameter
成品直径控制 Product diameter control	电子、气压控制 Electric&pneumatic control
主要传动力 Main power	4~22kw

成品分切宽度调节 Slitting width adjusting	10mm
收卷 Winding	气动夹持辅助芯棒收卷 Auxiliary rewinding shaft
刹车 Brake	电子及气动控制 Electric & pneumatic control
气动系统 Pneumatic system	4匹空气压缩机, 最小压力5kg/cm2pa, 客户自备 4HP air compressor, which the min pressure is 5kg/cm2pa(supplied by user)
打孔刀 Perforating blade	4片螺旋刀 4 pcs spiral blades
打孔节距 Perforating Size	110mm (+2mm), 请指定 Please specify
可选项Options	
可调整打孔节距 Adjustable perforating Size 90-140mm,4片刀/pcs spiral blades 180-280mm,2片刀/pcs spiral blades	后架 Backstand 独立驱动墙板式后架, 1-4层 Independent motors, 1-4 plies
压花 Embossing 钢对胶/毛布/羊毛毡, 独立驱动 Steel to rubber/feltd/ woolen roller, independent drive	压边纹 Edge-embossing 气囊式 Air bag type

DH-VII 压扁大回旋切纸机(2通道) Pressed Paper Log Saw Cutter (2 Lanes)



型号 Model	DH-VII
纸卷长度 Paper roll length	3500/2850/2000/1780mm,其他请注明; Others please specify
通道 Lane	2通道 2 lanes
机器速度 Machine speed	150切/分 150cut/min, 2卷/每切 2 rolls/cut
操作速度 Operation speed	切长 cutting length: 181-200mm, 120切/分, 120cut/min; 141-180mm, 140切/分, 140cut/min;90-140mm, 150切/分, 150cut/min
成品规格 Specification of finished product	纸卷外径 Outter dia: 45-110mm; 50-300mm; 25-100mm
切纸长度调节 Cutting length adjusting	通过面板控制, 公差在±1mm(不含头尾) Set on operation panel, tolerance ±1mm(not including both ends)
上下皮带驱动控制 Driving control of up and low belts	伺服电机驱动 Driven by servo motor
磨刀 Blade grinding	自动磨刀, 气动砂轮固定角度磨刀, 参数可通过面板程控 Automatic grinding, pneumatic wheel fix angle grinding, parameters can be programming controlled on operating panel
裁纸圆刀外径 Diameter of blade	610mm



*此机台选配纸头纸尾自动剔除系统
*The machine has "Both ends removal system"

磨刀进给 Grinder feeding	自动Automatic
夹具 Clamp	可更换,成品外径尺寸请注明Replaceable, please specify dia. of finish product
编程控制器 Procedure control	西门子 Siemens PLC
使用动力 Power	18kw
功能形式 Functional forms	分切刀回旋并自转, 同时伺服电机控制纸卷前行 Cutting blade running and spinning, and control logs moving on at the same time
吸尘系统 Dust collection system	对两边磨刀砂轮进行吸尘, 并配有一个吸风机排热和排尘。 Absorb dust on grinders, exhaust fan exhausts dust and hot air.
切刀架高度补偿 Cutting blade height adjustment	HMI控制 Controlled by HMI
可选项Options	
纸头纸尾自动剔除系统, 输送系统 Both ends removal system, conveyor system	

DH-VI 大回旋切纸机(4通道) Log Saw Cutter (4 Lanes)



*此机台标配纸头纸尾自动剔除系统
*The machine has "Both ends removal system"

*机型 Model	DH-VI
*纸卷长度 Paper roll length	2000/2850/3550mm, 其他请注明 Others please specify
*通道 Lane	4通道 4 lanes
机器速度 Machine speed	150切/分 150cut/min, 4卷/每切 4 rolls/cut
*操作速度 Operation speed	成品长度 Cutting length 110mm: 130切/分 130cut/min 成品长度 Cutting length 230mm: 90切/分 90cut/min
成品规格 Specification of finished product	纸卷外径 Outter dia.90-150mm 切断长度 Cutting length 50-300mm 边料长度 Ends length 25-100mm
切纸长度调节 Cutting length adjusting	通过面板控制, 公差在±1mm(不含头尾) Set on operation panel, tolerance ±1mm(not including both ends)
推手驱动控制 Driving control of pusher	伺服电机驱动 Driven by servo motor
磨刀 Blade grinding	自动磨刀, 气动砂轮固定角度磨刀, 参数可通过面板程控 Automatic grinding, pneumatic wheel fix angle grinding, parameters can be programming controlled on operating panel



裁纸圆刀外径 Diameter of blade	610mm
磨刀进给 Grinder feeding	自动Automatic
夹具 Clamp	可更换, 成品外径尺寸请注明 Replaceable, please specify dia. of finish product
编程控制器 Procedure control	西门子 Siemens PLC
使用动力 Power	28KW
功能形式 Functional forms	分切刀回旋并自转, 同时伺服电机控制纸卷前行 Cutting blade running and spinning, and control logs moving on at the same time
吸尘系统 Dust collection system	对两边磨刀砂轮进行吸尘, 并配有一个吸风机排热和排尘。 Absorb dust on grinders, exhaust fan exhausts dust and hot air.
切刀架高度补偿 Cutting blade height adjustment	HMI控制 Controlled by HMI
纸头纸尾自动剔除系统, 输送系统 Both ends removal system, conveyor system	

DH-IV 大回旋切纸机 (3通道) Log Saw Cutter (3 Lanes)



*左边展示机器配备纸头纸尾自动剔除系统，输送系统；
*Left side displayed Display machine adopts both ends removal system, conveyor system



*机型 Model	DH-IV
*纸卷长度 Paper roll length	3500/2850/2000/1780mm, 其他请注明 Others please specify
*通道 Lane	3通道 3 lanes
机器速度 Machine speed	150切/分 150cut/min, 3卷/每切 3 rolls/cut
*操作速度 Operation speed	成品长度 Cutting length 110mm: 130切/分 130cut/min 成品长度 Cutting length 230mm: 90切/分 90cut/min 纸卷外径 Outer dia. 90-150mm 切断长度 Cutting length 50-300mm 边料长度 Ends length 25-100mm
成品规格 Specification of finished product	通过面板控制, 公差在±1mm(不含头尾) Set on operation panel, tolerance ±1mm(not including both ends)
切纸长度调节 Cutting length adjusting	通过面板控制, 公差在±1mm(不含头尾) Set on operation panel, tolerance ±1mm(not including both ends)
推手驱动控制 Driving control of pusher	伺服电机驱动 Driven by servo motor
磨刀 Blade grinding	自动磨刀, 气动砂轮固定角度磨刀, 参数可通过面板程控 Automatic grinding, pneumatic wheel fix angle grinding, parameters can be programming controlled on operating panel
裁纸圆刀外径 Diameter of blade	610mm

磨刀进给 Grinder feeding	自动 Automatic
夹具 Clamp	可更换, 成品外径尺寸请注明 Replaceable, please specify dia. of finish product
编程控制器 Procedure control	西门子 Siemens PLC
使用动力 Power	18kw
功能形式 Functional forms	分切刀回旋并自转, 同时伺服电机控制纸卷前行 Cutting blade running and spinning, and control logs moving on at the same time
吸尘系统 Dust collection system	对两边磨刀砂轮进行吸尘, 并配有一个吸风机排热和排尘。 Absorb dust on grinders, exhaust fan exhausts dust and hot air.
切刀架高度补偿 Cutting blade height adjustment	HMI控制 Controlled by HMI
可选项 Options	
纸头纸尾自动剔除系统, 输送系统 Both ends removal system, conveyor system	

DH-I 大回旋切纸机 (2通道) Log Saw Cutter (2 Lanes)



*机型 Model	DH-I
*纸卷长度 Paper roll length	1780/2850/3500mm
*通道 Lane	2通道 2 lanes
机器速度 Machine speed	150切/分 150cut/min, 2卷/每切 2 rolls/cut
*操作速度 Operation speed	成品长度 Cutting length 110mm, 130切/分 130cut/min 成品长度 Cutting length 230mm, 90切/分 90cut/min 纸卷外径 Outer dia. 65-150mm, 其他请注明, 一般在150mm以下
成品规格 Specification of finished product	切断长度 Cutting length 50-300mm 边料长度 Ends length 25-100mm 通过面板控制, 公差在±1mm(不含头尾)
切纸长度调节 Cutting length adjusting	通过面板控制, 公差在±1mm(不含头尾)
推手驱动控制 Driving control of pusher	伺服电机驱动 Driven by servo motor
磨刀 Blade grinding	自动磨刀, 气动砂轮固定角度磨刀, 参数可通过面板程控 Automatic grinding, pneumatic wheel fix angle grinding, parameters can be programming controlled on operating panel
裁纸圆刀外径 Diameter of blade	610mm

磨刀进给 Grinder feeding	自动 Automatic
夹具 Clamp	可更换, 成品外径尺寸请注明 Replaceable, please specify dia. of finish product
编程控制器 Procedure control	西门子 Siemens PLC
使用动力 Power	18KW
功能形式 Functional forms	分切刀回旋并自转, 同时伺服电机控制纸卷前行 Cutting blade running and spinning, and control logs moving on at the same time
吸尘系统 Dust collection system	对两边磨刀砂轮进行吸尘, 并配有一个吸风机排热和排尘。 Absorb dust on grinders, exhaust fan exhausts dust and hot air.
切刀架高度补偿 Cutting blade height adjustment	HMI控制 Controlled by HMI
可选项 Options	
纸头纸尾自动剔除系统, 输送系统 Both ends removal system, conveyor system	



IF-IT-BF-HT
面巾纸擦手纸系列
FACIAL TISSUE/KITCHEN TOWEL/
HAND TOWEL SERIE

CJ-C-3700 全自动面巾纸生产线 Automatic Facial Tissue Production Line



由以下机型组成:

Is Composed Of Following Machines:

CJ-C-3700 抽式面巾纸折叠机
Facial Tissue Making Machine

DH-II 大回旋切纸机(双通道)
Log Saw Cutter(2 Lane).....P56

MZ-I/MZ-II 储纸架
Accumulator.....PS1



CJ-C机型特点:

- 1.从原料到包装, 完全实现了生产线的全自动化, 操作人员只需监控生产过程, 操作简单。生产速度达每分钟150米, 节省人力物力的同时有效的提高了产能;
- 2.精确的分量计数系统及折叠效果, 使得产品的合格率大幅提高;
- 3.人性化的自动化辊体保养系统;
- 4.全自动生产, 提高了产品的卫生水平。

Characteristics of CJ-C:

- 1.From raw material to finished, packed product, the whole line is fully automatic, operator just need to monitor the process, and it's easy to operate. Operation speed could reach 150 m/min, we could save money on human, material resource and increase capacity at the same time;
2. Precisely counting system and nice folding effect, could greatly increase qualification rate;
- 3.User-friendly automatic roller maintenance system;
- 4.Fully automatic producing, raising the health level of products.

*型号Model	CJ-C-3700
*原纸幅宽 Parent reel width	3650mm
出纸方向切断长度 Output direction cutting length	180/190mm, 其他尺寸请注明 others please specify
*设计速度 Design speed	0-170米/分 (1700张/分) 0-170m/min(1700 sheets/min)
原纸最大外径 Max outer diameter of raw paper	3000mm/2500mm/2000m/1500mm, 其他尺寸请注明 Others please specify
面刀结构 Upper blade structure	螺旋式切刀结构 spiral blade cutting structure
底刀结构 Bottom blade structure	刀刃上带吸气孔 with suction holes at the blade edge
驱动方式 Drive type	分部驱动 Separated drive
程序控制 Procedure control	PLC
折叠方式 Folding type	V折 V fold
成品高度 Finished Height	40-120mm (压前 Before pressing)
分叠结构 Transfer structure	伺服控制, 实现自动分叠 Servo control, auto transfer
计数方式 Counting	触摸屏上设定数量, 自动计数分量 Setting on LCD, auto count and transfer
计数规范 Counting model	100-250抽 sheet
分叠速度 Transfer speed	标准9-10次/分 time/min, 高速13-14次/分 time/min
首抽半折功能 First pull half-fold function	标配 Standard

可选项 Options

快速接纸换卷后架 Fast-change unwinder	后架 Backstand 2-4层, 有轴式/无轴式 2-4 plies, with shaft or shaft less type	上胶复合 Lamination 点对点/点对底, (标配/中配/高配), 可选快速换胶功能 (Standard/medium grade/high grade) Optional quick-change function
压花 Embossing 钢对胶/毛布/羊毛辊 Steel to rubber/felted/woolen roller	飞边装置 Side trimming system	压边纹 Edge-embossing 独立气动式 Independent pneumatic
全自动张力控制系统 Automatic web-tension control system		

CJ-C-2950 全自动面巾纸生产线 Automatic Facial Tissue Production Line



由以下机型组成:
Is Composed Of Following Machines:

CJ-C-2950 抽式面巾纸折叠机
Facial Tissue Making Machine

DH-II 大回旋切纸机(双通道)
Log Saw Cutter(2 Lane).....P56

MZ-I/MZ-II 储纸架
Accumulator.....P81

*图中包装机由友商提供
*Packing machine is provided by co-supplier

CJ-C机型特点:

- 1.从原料到包装, 完全实现了生产线的全自动化, 操作人员只需监控生产过程, 操作简单。生产速度达每分钟150米, 节省人力物力的同时有效的提高了产能;
- 2.精确的分叠计数系统及折叠效果, 使得产品的合格率大幅提高;
- 3.人性化的自动化辊体保养系统;
- 4.全自动生产, 提高了产品的卫生水平。

Characteristics of CJ-C:

- 1.From raw material to finished, packed product, the whole line is fully automatic, operator just need to monitor the process, and it's easy to operate. Operation speed could reach 150 m/min, we could save money on human, material resource and increase capacity at the same time;
2. Precisely counting system and nice folding effect, could greatly increase qualification rate;
- 3.User-friendly automatic roller maintenance system;
- 4.Fully automatic producing, raising the health level of products.

*型号Model	CJ-C-2950
*原纸幅宽 Parent reel width	2900mm
出纸方向切断长度 Output direction cutting length	180/190/200/205mm, 其他尺寸请注明 others please specify
*设计速度 Design speed	0-170米/分 (1700张/分) 0-170m/min(1700 sheets/min)
原纸最大外径 Max outer diameter of raw paper	3000mm/2500mm/2000m/1500mm, 其他尺寸请注明 Others please specify
面刀结构 Upper blade structure	螺旋式切刀结构 spiral blade cutting structure
底刀结构 Bottom blade structure	刀刃上带吸气孔 with suction holes at the blade edge
驱动方式 Drive type	分部驱动 Separated drive
程序控制 Procedure control	PLC
折叠方式 Folding type	V折 V fold
成品高度 Finished Height	40-120mm(压前 Before pressing)
分叠结构 Transfer structure	伺服控制, 实现自动分叠 Servo control, auto transfer
计数方式 Counting	触摸屏上设定数量, 自动计数分叠 Setting on LCD, auto count and transfer
计数规范 Counting model	100-250抽 sheet
分叠速度 Transfer speed	标准9-10次/分 time/min, 高速13-14次/分 time/min
首抽半折功能 First pull half-fold function	标配 Standard

可选项 Options

快速接纸换卷后架 Fast-change unwinder	后架 Backstand 2-4层, 有轴式/无轴式 2-4 plies, with shaft or shaft less type	上胶复合 Lamination 点对点/对底, (标配/中配/高配), 可选快速换胶功能 (Standard/medium grade/high grade) Optional quick-change function
压花 Embossing 钢对胶/毛布/羊毛辊 Steel to rubber/felted/woolen roller	飞边装置 Side trimming system	压边纹 Edge-embossing 独立气动式 Independent pneumatic
全自动张力控制系统 Automatic web-tension control system		

CJ-C-2950 全自动面巾纸生产线 (四边压花)

Automatic Facial Tissue Production Line



*观感典雅、时尚，触感柔滑、蓬松
*It looks elegant and fashionable, and feels soft and fluffy

由以下机型组成:

Is Composed Of Following Machines:

CJ-C-2950 抽式面巾纸折叠机
Facial Tissue Making Machine

*四边钢对钢压花单元 *Frame type steel to steel embossing unit

DH-II 大回旋切纸机(双通道)
Log Saw Cutter(2 Lane).....P56

MZ-I/MZ-II 储纸架
Accumulator.....PS1

CJ-C机型特点:

- 1.从原料到包装，完全实现了生产线的全自动化，操作人员只需监控生产过程，操作简单。生产速度达每分钟150米，节省人力物力的同时有效的提高了产能；
- 2.精确的分量计数系统及折叠效果，使得产品的合格率大幅提高；
- 3.人性化的自动化辊体保养系统；
- 4.全自动生产，提高了产品的卫生水平。

Characteristics of CJ-C:

- 1.From raw material to finished, packed product, the whole line is fully automatic, operator just need to monitor the process, and it's easy to operate. Operation speed could reach 150 m/min, we could save money on human, material resource and increase capacity at the same time;
2. Precisely counting system and nice folding effect, could greatly increase qualification rate;
- 3.User-friendly automatic roller maintenance system;
- 4.Fully automatic producing, raising the health level of products.

*型号Model	CJ-C-2950
*原纸幅宽 Parent reel width	2900mm
出纸方向切断长度 Output direction cutting length	180/190mm, 其他尺寸请注明 others please specify
*设计速度 Design speed	0-170米/分 (1700张/分) 0-170m/min(1700 sheets/min)
原纸最大外径 Max outer diameter of raw paper	3000mm/2500mm/2000m/1500mm, 其他尺寸请注明 Others please specify
面刀结构 Upper blade structure	螺旋式切刀结构 spiral blade cutting structure
底刀结构 Bottom blade structure	刀刃上带吸气孔 suction holes at the blade edge
驱动方式 Drive type	分部驱动 Separated drive
程序控制 Procedure control	PLC
折叠方式 Folding type	V折 V fold
成品高度 Finished Height	40-120mm(压前 Before pressing)
分叠结构 Transfer structure	伺服控制，实现自动分叠 Servo control, auto transfer
计数方式 Counting	触摸屏上设定数量，自动计数分叠 Setting on LCD, auto count and transfer
计数规范 Counting model	100-250抽 sheet
分叠速度 Transfer speed	9-10次/分 time/min
首抽半折功能 First pull half-fold function	标配 Standard

可选项 Options

快速接纸换卷后架 Fast-change unwinder	后架 Backstand 2-4层，有轴式/无轴式 2-4 plies, with shaft or shaft less type	上胶复合 Lamination 点对点/对底，(标配/中配/高配)，可选快速换胶功能 (Standard/medium grade/high grade) Optional quick-change function
压花 Embossing 钢对胶/毛布/羊毛辊 Steel to rubber/felted/woolen roller	飞边装置 Side trimming system	压边纹 Edge-embossing 独立气动式 Independent pneumatic
全自动张力控制系统 Automatic web-tension control system		

CJ-C-1500 全自动面巾纸生产线

Automatic Facial Tissue Production Line



由以下机型组成:

Is Composed Of Following Machines:

CJ-C-1500 抽式面巾纸折叠机
Facial Tissue Making Machine

DH-II 大回旋切纸机(单通道)
Log Saw Cutter(1 Lane).....P56

DH-II 大回旋切纸机(双通道)
Log Saw Cutter(2 Lane).....P56

MZ-I/MZ-II 储纸架
Accumulator.....P81

CJ-C机型特点:

- 1.从原料到包装,完全实现了生产线的全自动化,操作人员只需监控生产过程,操作简单。生产速度达每分钟150米,节省人力物力的同时有效的提高了产能;
- 2.精确的分量计数系统及折叠效果,使得产品的合格率大幅提高;
- 3.人性化的自动化辊体保养系统;
- 4.全自动生产,提高了产品的卫生水平。

Characteristics of CJ-C:

- 1.From raw material to finished, packed product, the whole line is fully automatic, operator just need to monitor the process, and it's easy to operate. Operation speed could reach 150 m/min, we could save money on human, material resource and increase capacity at the same time;
2. Precisely counting system and nice folding effect, could greatly increase qualification rate;
3. User-friendly automatic roller maintenance system;
4. Fully automatic producing, raising the health level of products.

*型号Model	CJ-C-1500/2050
*原纸幅宽 Parent reel width	1500/2050mm
出纸方向切断长度 Output direction cutting length	180/190/200mm, 其他尺寸请注明 others please specify
*设计速度 Design speed	0-170米/分 (1700张/分) 0-170m/min(1700 sheets/min)
原纸最大外径 Max outer diameter of raw paper	3000mm/2500mm/2000m/1500mm, 其他尺寸请注明 Others please specify
面刀结构 Upper blade structure	螺旋式切刀结构 spiral blade cutting structure
底刀结构 Bottom blade structure	刀刃上带吸气孔 suction holes at the blade edge
驱动方式 Drive type	分部驱动 Separated drive
程序控制 Procedure control	PLC
折叠方式 Folding type	V折 V fold
成品高度 Finished Height	40-120mm (压前 Before pressing)
分叠结构 Transfer structure	伺服控制, 实现自动分叠 Servo control, auto transfer
计数方式 Counting	触摸屏上设定数量, 自动计数分叠 Setting on LCD, auto count and transfer
计数规范 Counting model	100-250抽 sheet
分叠速度 Transfer speed	9-10次/分 time/min
首抽半折功能 First pull half-fold function	标配 Standard

可选项 Options

后架 Backstand 2-4层, 有轴式/无轴式 2-4 plies, with shaft or shaft less type	上胶复合 Lamination 点对点/点对底, (标配/中配/高配) 可选快速换轴功能 (Standard/medium grade/high grade) Optional quick-change function	压花 Embossing 钢对胶/毛布/羊毛辊 Steel to rubber/felted/woolen roller
飞边装置 Side trimming system	压边纹 Edge-embossing 独立气动式 Independent pneumatic	全自动张力控制系统 Automatic web-tension control system

CJ-CH-2050 全自动面巾纸生产线 (横出)

Automatic Facial Tissue Production Line (Cross out)



CJ-CH机型特点:

- 1.从原料到包装, 完全实现了生产线的全自动化, 操作人员只需监控生产过程, 操作简单。生产速度达每分钟150米, 节省人力物力的同时有效的提高了产能;
- 2.精确的分量计数系统及折叠效果, 使得产品的合格率大幅提高;
- 3.人性化的自动化辊体保养系统;
- 4.全自动生产, 提高了产品的卫生水平;
- 5.可制作多抽数的超高产品。

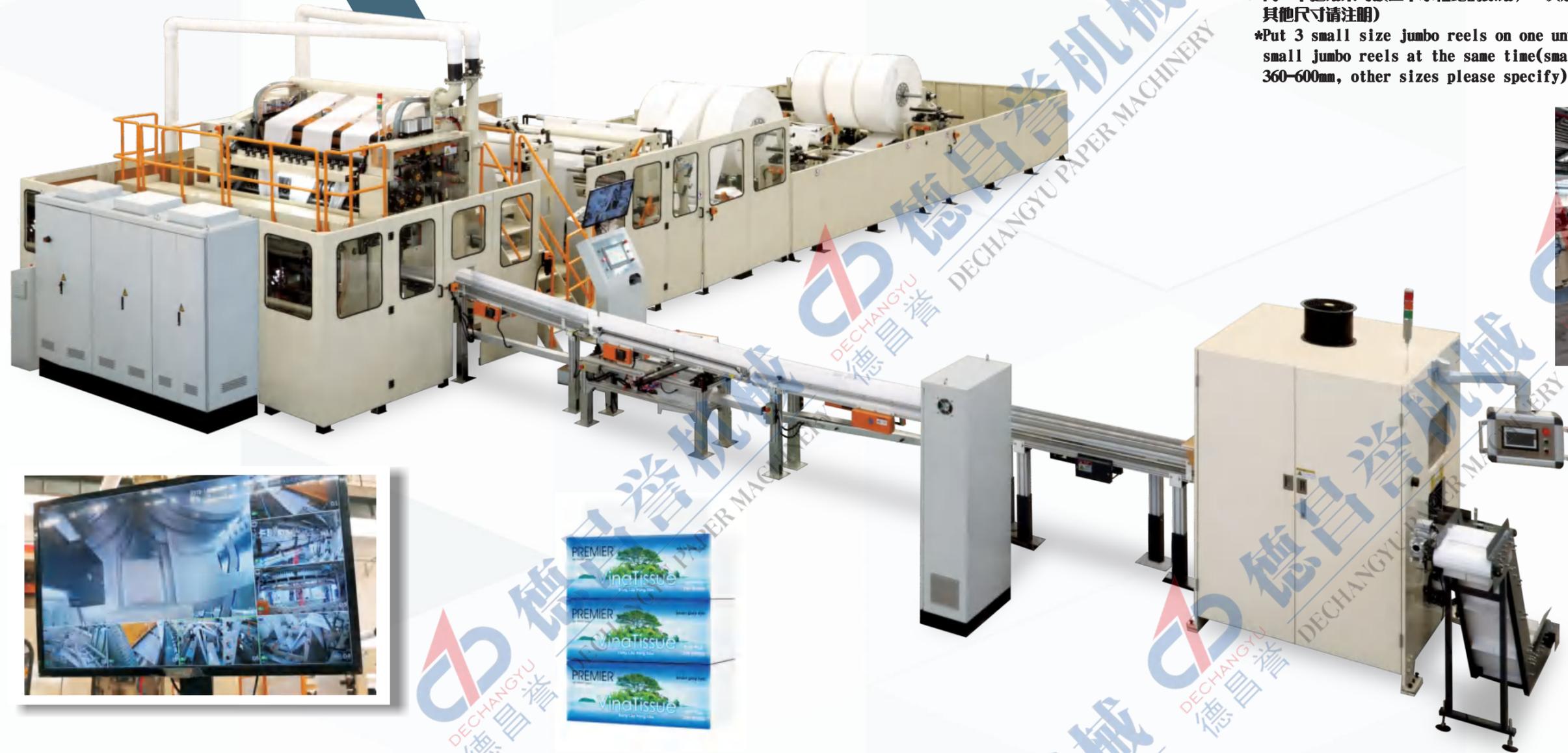
Characteristics of CJ-CH:

- 1.From raw material to finished, packed product, the whole line is fully automatic, operator just need to monitor the process, and it's easy to operate. Operation speed could reach 150 m/min, we could save money on human, material resource and increase capacity at the same time;
2. Precisely counting system and nice folding effect, could greatly increase qualification rate;
- 3.User-friendly automatic roller maintenance system;
- 4.Fully automatic producing, raising the health level of products;
- 5.Can produce layers of more super high products.

*型号 Model	CJ-CH-1500/2050	
*原纸幅宽 Parent reel width	1500/2050mm	
出纸方向切断长度 Output direction cutting length	180/190/200mm, 其他尺寸请注明 others please specify	
*设计速度 Design speed	0-170米/分 (1700张/分) 0-170m/min(1700 sheets/min)	
原纸最大外径 Max outer diameter of raw paper	3000mm/2500mm/2000m/1500mm, 其他尺寸请注明 Others please specify	
面刀结构 Upper blade structure	螺旋式切刀结构 spiral blade cutting structure	
底刀结构 Bottom blade structure	刀刃上带吸气孔 suction holes at the blade edge	
驱动方式 Drive type	分部驱动 Separated drive	
程序控制 Procedure control	PLC	
折叠方式 Folding type	V折 V fold	
成品高度 Finished Height	40-160mm (压前 Before pressing), 其他尺寸请注明 Others please specify	
分叠结构 Transfer structure	伺服控制, 实现自动分叠 Servo control, auto transfer	
计数方式 Counting	触摸屏上设定数量, 自动计数分叠 Setting on LCD, auto count and transfer	
计数规范 Counting model	100-250抽 sheet	
分叠速度 Transfer speed	9-10次/分 time/min	
可选项 Options		
后架 Backstand 2-4层, 有轴式/无轴式 2-4 plies, with shaft or shaft less type	上胶复合 Lamination 点对点/点对底, (标配/中配/高配) 可选快速换辊功能 (Standard/medium grade/high grade) Optional quick-change function	机外半折单元 First pull half-fold unit
压花 Embossing 钢对胶/毛布/羊毛辊 Steel to rubber/felted/woolen roller	飞边装置 Side trimming system	压边纹 Edge-embossing 独立气动式 Independent pneumatic
全自动张力控制系统 Automatic web-tension control system		

CJ-CH-2050 全自动面巾纸生产线 (横出)

Automatic Facial Tissue Production Line (Cross out)



- *同一个退纸架可放三个小幅宽的原纸，一次加工6个母卷 (幅宽360-600mm, 其他尺寸请注明)
- *Put 3 small size jumbo reels on one unwinder, and converts 6 small jumbo reels at the same time (small jumbo reels width 360-600mm, other sizes please specify)



CJ-CH特点:

- 1.从原料到包装，完全实现了生产线的全自动化，操作人员只需监控生产过程，操作简单。生产速度达每分钟150米，节省人力物力的同时有效的提高了产能；
- 2.精确的分叠计数系统及折叠效果，使得产品的合格率大幅提高；
- 3.人性化的自动化辊体保养系统；
- 3.全自动生产，提高了产品的卫生水平；
- 5.可制作多抽数的超高产品。

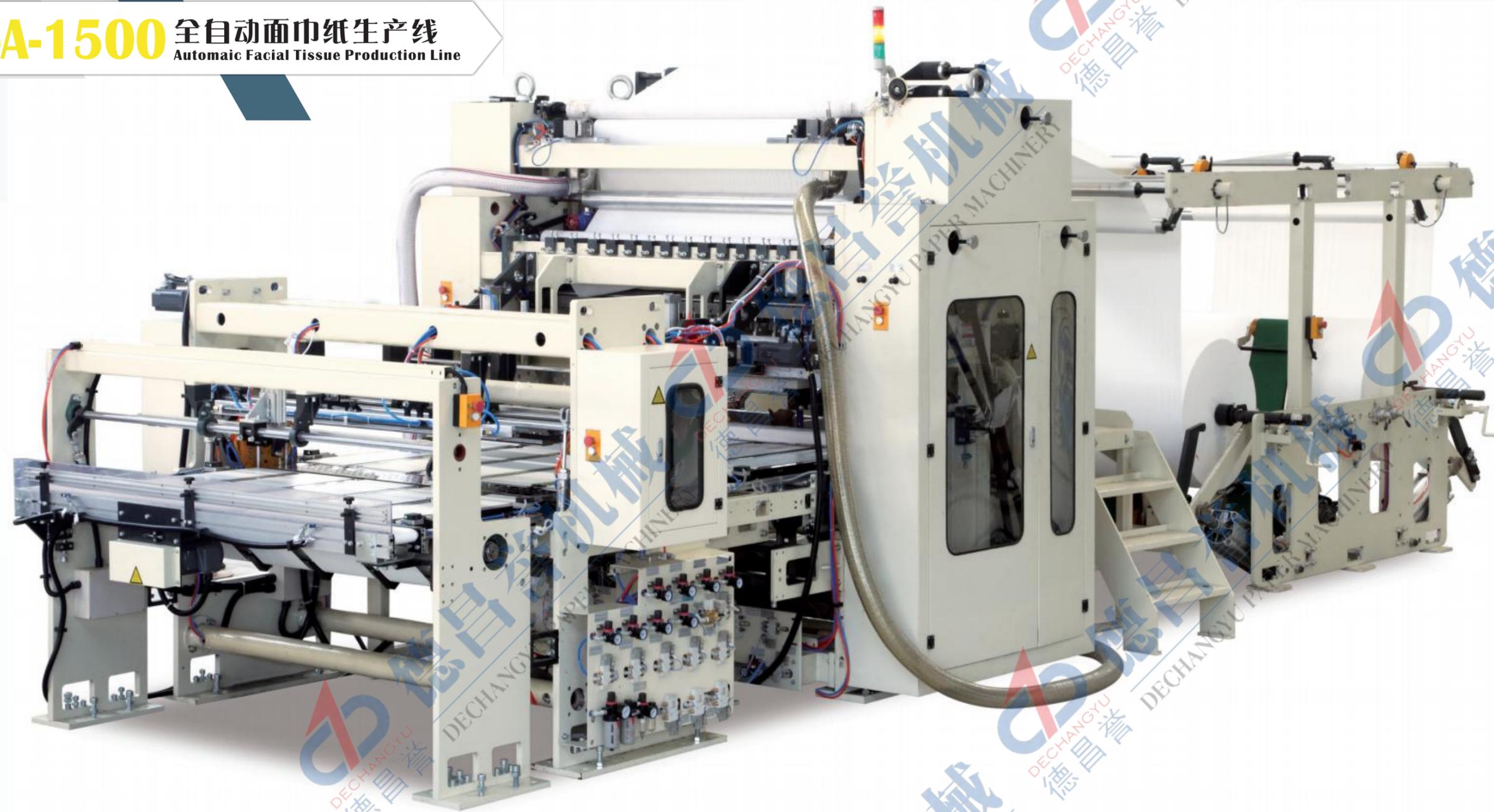
Characteristics of CJ-CH:

- 1.From raw material to finished, packed product, the whole line is fully automatic, operator just need to monitor the process, and it's easy to operate. Operation speed could reach 150 m/min, we could save money on human, material resource and increase capacity at the same time;
2. Precisely counting system and nice folding effect, could greatly increase qualification rate;
3. User-friendly automatic roller maintenance system;
4. Fully automatic producing, raising the health level of products;
5. Can produce layers of more super high products.

*型号 Model	CJ-CH-2050
*原纸幅宽 Parent reel width	2000mm
出纸方向切断长度 Output direction cutting length	180/190/200mm, 其他尺寸请注明 others please specify
*设计速度 Design speed	0-170米/分 (1700张/分) 0-170m/min(1700 sheets/min)
原纸最大外径 Max outer diameter of raw paper	3000mm/2500mm/2000m/1500mm, 其他尺寸请注明 Others please specify
面刀结构 Upper blade structure	螺旋式切刀结构 spiral blade cutting structure
底刀结构 Bottom blade structure	刀刃上带吸气孔 suction holes at the blade edge
驱动方式 Drive type	分部驱动 Separated drive
程序控制 Procedure control	PLC
折叠方式 Folding type	V折 V fold
成品高度 Finished Height	40-160mm (压前 Before pressing), 其他尺寸请注明 Others please specify
分叠结构 Transfer structure	伺服控制, 实现自动分叠 Servo control, auto transfer
计数方式 Counting	触摸屏上设定数量, 自动计数分叠 Setting on LCD, auto count and transfer
计数规范 Counting model	100-250抽 sheet
分叠速度 Transfer speed	9-10次/分 time/min
*特点 Characteristics	一次加工6个母卷 Converts 6 jumbo reels together, 幅宽360-600m
可选项 Options	
后架 Backstand 2-4层, 有轴式/无轴式 2-4 plies, with shaft or shaft less type	压花 Embossing 钢对胶/毛布/羊毛辊 Steel to rubber/felted/woolen roller
飞边装置 Side trimming system	压边纹 Edge-embossing 独立气动式 Independent pneumatic
	全自动张力控制系统 Automatic web-tension control system

CJ-C-A-1500 全自动面巾纸生产线

Automatic Facial Tissue Production Line



CJ-C-A全自动V折面巾纸生产线的特点:

- 1.从原料到包装,完全实现了生产线的全自动化,操作人员只需监控生产过程,操作简单。生产速度达每分钟100米,节省人力物力的同时有效的提高了产能;
- 2.精确的分量计数系统及折叠效果,使得产品的合格率大幅提高;
- 3.人性化的自动化辊体保养系统;
- 4.全自动生产,提高了产品的卫生水平。

Characteristics of CJ-C-A:

- 1.From raw material to finished, packed product, the whole line is fully automatic, operator just need to monitor the process, and it's easy to operate. Operation speed could reach 100 m/min, we could save money on human, material resource and increase capacity at the same time;
2. Precisely counting system and nice folding effect, could greatly increase qualification rate;
- 3.User-friendly automatic roller maintenance system;
- 4.Fully automatic producing, raising the health level of products.

*型号 Model	CJ-C-A1500/CJ-C-A2050
*原纸幅宽 Parent reel width	1500/2050mm
出纸方向切断长度 Output direction cutting length	180/190mm, 其他尺寸请注明 others please specify
*设计速度 Design speed	0-120米/分 (1200张/分) 0-120m/min(1200 sheets/min)
原纸最大外径 Max outer diameter of raw paper	1500mm, 其他尺寸请注明 Others please specify
面刀结构 Upper blade structure	螺旋式切刀结构 spiral blade cutting structure
底刀结构 Bottom blade structure	刀刃上带吸气孔 suction holes at the blade edge
驱动方式 Drive type	分部驱动 Separated drive
程序控制 Procedure control	PLC
折叠方式 Folding type	V折 V fold
成品高度 Finished Height	40-120mm (压前 Before pressing)
分叠结构 Transfer structure	伺服控制, 实现自动分叠 Servo control, auto transfer
计数方式 Counting	触摸屏上设定数量, 自动计数分叠 Setting on LCD, auto count and transfer
计数规范 Counting model	100-250抽 sheet
分叠速度 Transfer speed	9-10次/分 time/min

可选项 Options

后架 Backstand 2-4层, 有轴式/无轴式 2-4 plies, with shaft or shaft less type	上胶复合 Lamination 点对点/点对底, (标配/中配/高配) 可选快速换辊功能 (Standard/medium grade/high grade) Optional quick-change function	首抽半折功能 First pull half-fold function
压花 Embossing 钢对胶/毛布/羊毛辊 Steel to rubber/felted/woolen roller	飞边装置 Side trimming system	压边纹 Edge-embossing 独立气动式 Independent pneumatic
全自动张力控制系统 Automatic web-tension control system		

CJ-D-2950 自动面巾纸生产线

Facial Tissue Production Line



由以下机型组成:
Is Composed Of Following Machines:

CJ-D-2950 抽式面巾纸折叠机
Facial Tissue Making Machine

DH-II 大回旋切纸机(单通道)
Log Saw Cutter(1 Lane).....P56

MZ-I 储纸架
Accumulator.....P81

DH-II 大回旋切纸机(双通道)
Log Saw Cutter(2 Lane).....P56



*实景图取自客户车间
*Pictures are taken in customer's workshop

*型号Model	CJ-D-2950		
*原纸幅宽 Parent reel width	2950mm		
出纸方向切断长度 Output direction cutting length	180/190/200/210mm, 其他尺寸请注明 others please specify		
*设计速度 Design speed	0-130米/分 (1300张/分) 0-130m/min(1300 sheets/min)		
*生产担保速度 Guarantee operation speed	0-100米/分 (1000张/分) 0-100m/min(1000 sheets/min)		
原纸最大外径 Max outer diameter of raw paper	3000mm/2500mm/2000m/1500mm, 其他尺寸请注明 others please specify		
面刀结构 Upper blade structure	螺旋式切刀结构 Patent-tech spiral blade cutting structure		
底刀结构 Bottom blade structure	刀刃上带吸气孔 Patent-tech with suction holes at the blade edge		
驱动方式 Drive type	分部驱动 separated drive		
程序控制 Procedure control	PLC		
折叠方式 Folding type	V折 V fold		
可选项 Options			
快速接纸换卷后架 Fast-change unwinder	后架 Backstand 2-4层, 有轴式/无轴式 2-4 plies, with shaft or shaft less type	上胶复合 Lamination 点对点/点对底. (标配/中配/高配) 可选快速换胶功能 (Standard/medium grade/high grade) Optional quick-change function	
压花 Embossing 钢对胶/毛布/羊毛辊 Steel to rubber/felted/woolen roller	飞边装置 Side trimming system	压边纹 Edge-embossing 独立气动式 Independent pneumatic	全自动张力控制系统 Automatic web-tension control system

CJ机型的特点:

- 1.原纸最大幅宽可达2950mm;
- 2.入纸保护装置, 自动停机避免损伤;
- 3.转臂式控制器, 方便操作;
- 4.各功能单元采用独立电机(伺服电机)控制, 机构简单, 大大减少故障率;
- 5.螺旋切刀辊组, 结构简单方便维护, 减少刀耗, 具有刀辊保护功能;
- 6.折叠辊制造工艺, 刚性大大提高, 真空吸附能力提高, 提升折叠精度和稳定性;
- 7.飞边分切上刀机构, 气吸吸走纸边。

Characteristics of CJ series machines:

1. Jumbo reel Max. width: 2950mm;
2. Web feeding protection could automatically stop the machine and avoid damage;
3. Flexible controller arm is more convenience to operate;
4. Each unit is driven by independent motor(servo motor); Simple structure decreases failure rate;
5. Cutting blades & shafts structure, the structure is simple, easy maintenance, lower blade wastage, and it has a character to protect blades and shafts;
6. Folding roller manufacturing process, significant improves rigidity and vacuum adsorption, further effect is better folding accuracy and stability;
7. Trimming top blade structure, use vacuum system to remove trimmed paper.



CJ190-A-2050 抽式面巾纸/厨房纸折叠机

Facial Tissue / Kitchen Towel Making Machine



*展示机器配备上胶复合单元;
*Display machine adopts lamination unit



CJ200-A-2050 抽式面巾纸折叠机

Facial Tissue Making Machine



*展示机器配备凸对平压花单元：高档面巾纸首选压花类型
*Display machine adopts convex dot & smooth steel roll unit: The best embossing type in top-class facial tissue



*型号Model	CJ-A-2050
*原纸幅宽 Parent reel width	2050mm
出纸方向切断长度 Output direction cutting length	180/190/200/210mm, 其他尺寸请注明 others please specify
*设计速度 Design speed	0-130米/分 (1300张/分) 0-130m/min(1300 sheets/min)
*生产担保速度 Guarantee operation speed	0-100米/分 (1000张/分) 0-100m/min(1000 sheets/min)
原纸最大外径 Max outer diameter of raw paper	1500mm, 其他尺寸请注明 others please specify
面刀结构 Upper blade structure	螺旋式切刀结构 spiral blade cutting structure
底刀结构 Bottom blade structure	刀刃上带吸气孔 suction holes at the blade edge

驱动方式 Drive type	分部驱动 separated drive		
程序控制 Procedure control	PLC		
折叠方式 Folding type	V折 V fold		
可选项 Options			
后架 Backstand 2-4层, 有轴式/无轴式 2-4 plies, with shaft or shaft less type	压花 Embossing 钢对胶/毛布/羊毛辊 Steel to rubber/felted/woolen roller	上胶复合 Lamination 点对点/点对底/其他 Point to point/nested/others	
飞边装置 Side trimming system	压边纹 Edge-embossing 独立气动式 Independent pneumatic	计数 Counting 错位/打墨 Malposition/ink	全自动张力控制系统 Automatic web-tension control system

CJ190-A-1500 抽式面巾纸折叠机

Facial Tissue Making Machine



*展示机器配备上胶复合单元;
*Display machine adopts lamination unit



*展示机器配备涂布/印刷, 钢对钢压花单元;
*Display machine adopts lotion coating/printing units, steel to steel embossing units.



*展示机器配备上胶复合单元, 90度转弯机构;
*Display machine adopts lamination unit, 90-degree-turn unit



*型号 Model	CJ-A-910/1500
*原纸幅宽 Parent reel width	910/1500mm
出纸方向切断长度 Output direction cutting length	180/190/200/210mm, 其他尺寸请注明 others please specify
*设计速度 Design speed	0-130米/分 (1300张/分) 0-130m/min(1300 sheets/min)
*生产担保速度 Guarantee operation speed	0-100米/分 (1000张/分) 0-100m/min(1000 sheets/min)
原纸最大外径 Max outer diameter of raw paper	1500mm, 其他尺寸请注明 others please specify
面刀结构 Upper blade structure	螺旋式切刀结构 spiral blade cutting structure
底刀结构 Bottom blade structure	刀刃上带吸气孔 suction holes at the blade edge

驱动方式 Drive type	分部驱动 separated drive		
程序控制 Procedure control	PLC		
折叠方式 Folding type	V折 V fold		
可选项 Options			
后架 Backstand 2-4层, 有轴式/无轴式, 独立驱动 2-4 plies, with shaft or shaft independent drive	压花 Embossing 钢对胶/毛布/羊毛辊/钢辊, 独立驱动 Steel to rubber/felted/woolen steel roller,independent drive	上胶复合 Lamination 点对点/点对底/其他 Point to point/nested/others	
飞边装置 Side trimming system	压边纹 Edge-embossing 独立气动式 Independent pneumatic	计数 Counting 错位/打墨 Malposition/ink	全自动张力控制系统 Automatic web-tension control system

CJ-BH-1500 定位压花抽式面巾纸折叠机 Facial Tissue Making Machine



*展示主机、压花一体机，保证四边压紧，实现餐巾样式效果
*Display embossing-in main machine, facial tissue has Napkin type embossing

*型号 Model	CJ-BH-1500
*原纸幅宽 Parent reel width	1500mm
出纸方向切断长度 Output direction cutting length	180/190mm,其他尺寸请注明 others please specify
*设计速度 Design speed	0-130米/分 (1300张/分) 0-130m/min(1300 sheets/min)
*生产担保速度 Guarantee operation speed	0-100米/分 (1000张/分) 0-100m/min(1000 sheets/min)
原纸最大外径 Max outer diameter of raw paper	1500mm,其他尺寸请注明 others please specify
面刀结构 Upper blade structure	螺旋式切刀结构 spiral blade cutting structure
底刀结构 Bottom blade structure	刀刃上带吸气孔 suction holes at the blade edge

驱动方式 Drive type	分部驱动 separated drive		
程序控制 Procedure control	PLC		
折叠方式 Folding type	V折 V fold		
可选项 Options			
后架 Backstand	飞边装置 Side trimming system		
2-4层, 有轴式/无轴式, 独立驱动 2-4 plies, with shaft or shaft less type, independent drive			
压边纹 Edge-embossing	计数 Counting	全自动张力控制系统 Automatic web-tension control system	
独立气动式 Independent pneumatic	错位/打墨 Malposition/ink		

DH-II 大回旋切纸机 (单通道) Log Saw Cutter(1 Lane)



*型号 Model	DH-II 单通道 Log Saw Cutter(1 lane)
*通道 Lane	1通道 1 lanes
*机器速度 Machine speed	150切/分 150cut/min
*操作速度 Operation speed	110-120切/分 cuts/min
成品规格 Specification of finished product	切断长度 Cutting length 50-300mm
切纸长度调节 Cutting length adjusting	90-230mm通过面板控制, 公差在±1mm Set on operation panel, tolerance ±1mm
推手驱动控制 Driving control of pusher	伺服电机驱动 Driven by servo motor
磨刀 Blade grinding	自动磨刀, 气动砂轮固定角度磨刀, 参数可通过面板程控 Automatic grinding, pneumatic wheel fix angle grinding, parameters can be programming controlled on operating panel
磨刀进给 Grinder feeding	自动 Automatic
裁纸圆刀外径 Diameter of blade	610 mm
编程控制器 Procedure control	PLC
使用动力 Power	12 kw
切刀架高度补偿 Cutting blade height adjustment	HMI控制 Controlled by HMI

DH-II 大回旋切纸机 (双通道) Log Saw Cutter(2 Lane)



*型号 Model	DH-II 双通道 Log Saw Cutter(2 lane)
*通道 Lane	2通道 2 lanes
*机器速度 Machine speed	150切/分 150cut/min
*操作速度 Operation speed	110-120切/分 cuts/min
成品规格 Specification of finished product	切断长度 Cutting length 50-300mm
切纸长度调节 Cutting length adjusting	90-230mm通过面板控制, 公差在±1mm Set on operation panel, tolerance ±1mm
推手驱动控制 Driving control of pusher	伺服电机驱动 Driven by servo motor
磨刀 Blade grinding	自动磨刀, 气动砂轮固定角度磨刀, 参数可通过面板程控 Automatic grinding, pneumatic wheel fix angle grinding, parameters can be programming controlled on operating panel
磨刀进给 Grinder feeding	自动 Automatic
裁纸圆刀外径 Diameter of blade	610 mm
编程控制器 Procedure control	PLC
使用动力 Power	12 kw
切刀架高度补偿 Cutting blade height adjustment	HMI控制 Controlled by HMI

CJ-N 三折擦手纸机 (五/六排) Hand Towel Making Machine(5/6 Lanes)



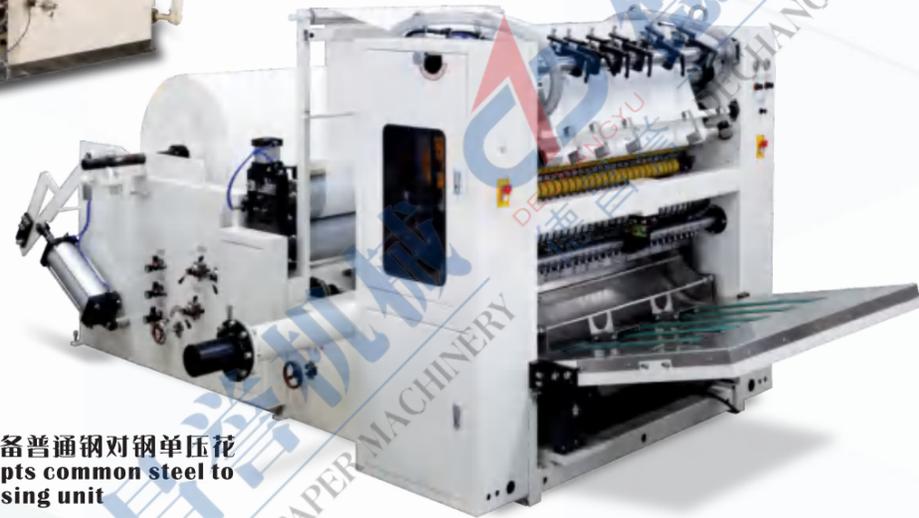
CJ-N机型的特点:

1. 横向切刀辊组, 刀耗少, 结构简单, 维护方便;

Characteristics of CJ-N series machines:

1. Cutting blades & shafts structure, the structure is simple, easy maintenance, lower blade wastage;

*展示机器CJ-N-5配备2色印刷单元
*Display CJ-N-5 adopts 2 colors printing units;



*展示机器CJ-N-6配备普通钢对钢单压花
*Display CJ-N-6 adopts common steel to steel single embossing unit

*型号Model	CJ-N-5/CJ-N-6
*原纸最大宽度 Max width of raw paper	1180/1480mm
原纸外径 outer diameter of raw paper	1100mm, 其他尺寸请注明 Others please specify
*原纸纸芯内径 Inner diameter of raw paper core	3", 76mm
出纸方向切断长度 Output direction cutting length	225,230mm,其他尺寸请注明 Others please specify
成品展开尺寸 Finish product open size	225*230mm, 230*230mm
计数 Counting	打墨计数 Ink counting
速度 Speed	800 张分/通道 Sheets/min/lane

主传动力 Power	变频调速 Variable frequency speed regulating
真空系统 vacuum system	罗茨真空泵 Roots vacuum pump
参数设定 Parameter setting	人机界面 HMI, PLC
可选项 Options	
后架 Backstand 1-2层 1-2plies	压花 Embossing 钢对胶辊, 钢辊 Steel to rubber, steel roller
上胶复合 Lamination	苯胺版水墨印刷 flexo printing, water-based ink, aniline plate 1, 2色 1 color/2 colors

DH-III N折擦手纸大回旋切纸机 N Fold Towel Log Saw Cutter



型号Model	DH-III
通道 Lane	单通道 1 lane
机器速度 Machine speed	150切/分 150cuts/min, 1通道/每切 1 lane/cut
操作速度 Operation speed	0-120切/分 0-120cuts/min, 1通道/切 1 lane/cut
成品规格 Specification of finished product	切断长度 Cutting length 50-300mm
切纸长度调节 Cutting length adjusting	90-230mm通过面板控制, 公差在±1mm Set on operation panel, tolerance ±1mm
推手驱动控制 Driving control of pusher	伺服电机驱动 Driven by servo motor

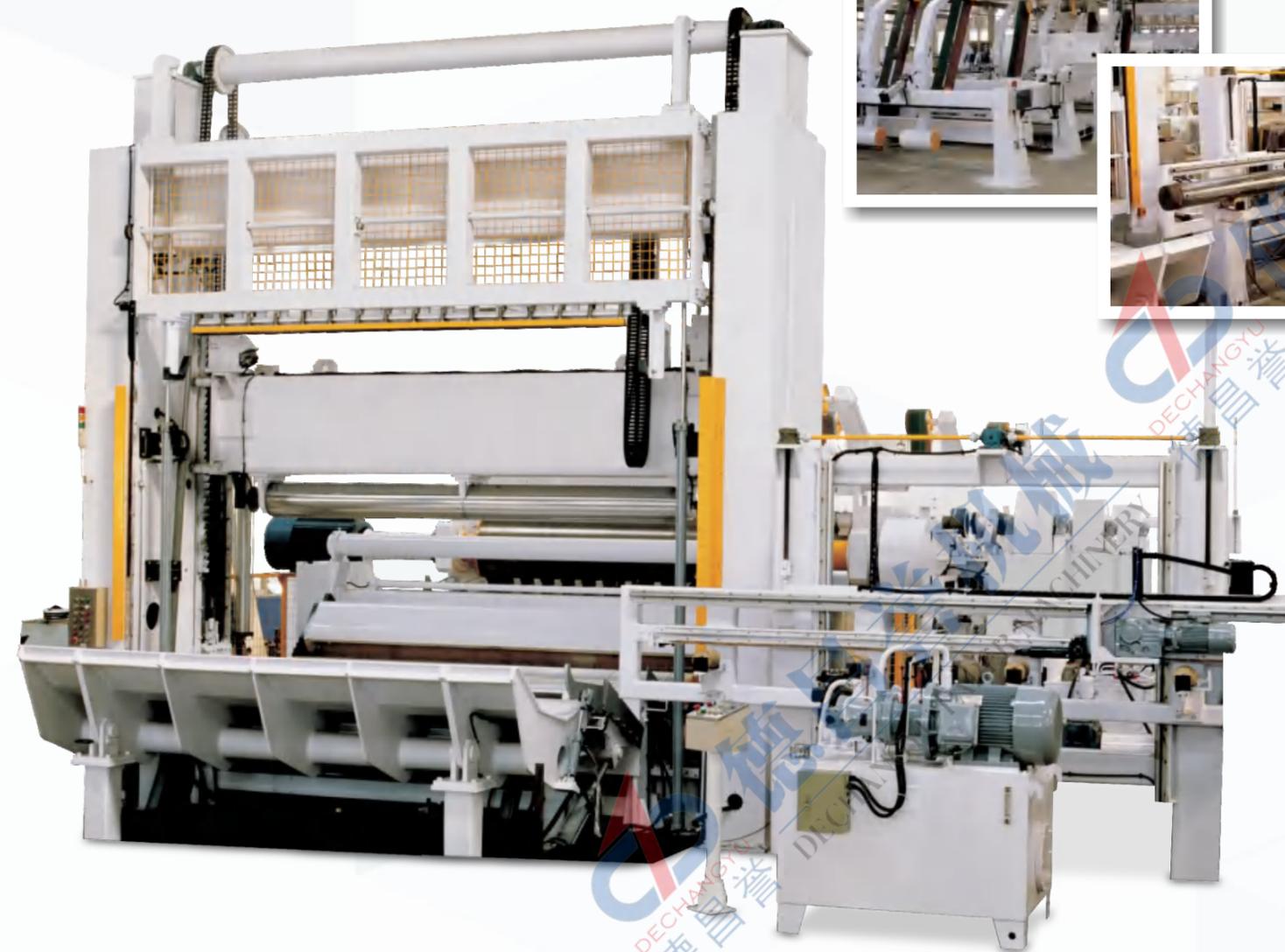
磨刀 Blade grinding	自动磨刀, 气动砂轮固定角度磨刀, 参数可通过面板程控 Automatic grinding, pneumatic wheel fix angle grinding, parameters can be programming controlled on operating panel
磨刀进给 Grinder feeding	自动 Automatic
裁纸圆刀外径 Diameter of blade	610 mm
编程控制器 Procedure control	PLC
使用动力 Power	22 kw
切刀架高度补偿 Cutting blade height adjustment	HMI控制 Controlled by HMI



REEL
原纸分切系列
SLITTING REWINDER SERIE

FC-V 高速分切机

High Speed Slitting Rewinder



*机型 Model	FC-V 2950/3650/5600		
*原纸宽度 Max width of raw paper	2850/3550/5500mm		
*设计速度 Design speed	0-1800米/分钟 0-1800m/min		
*生产担保速度 Guarantee operation speed	0-1500米/分钟 0-1500m/min		
原纸最大外径 Max outer diameter of raw paper	3000mm, 其他尺寸请注明 others please specify		
成品纸芯直径 Diameter of finished product core	3", 6", 10", 其他尺寸请注明 others please specify		
成品最大外径 Max outer diameter of finish product	2200mm, 其他尺寸请注明 others please specify		
最小分切宽度 Min slitting width	200mm		
复卷方式 Rewinding type	2条复卷辊+1条骑辊 2 rewinding rollers+1 riding roller		
分切方式 Slitting system	剪切式 Shear type		
分切上刀刀组 Slitting top blade	独立气动控制刀组 Adopts independent pneumatic controlled blade group		
分切底刀刀组 Slitting bottom blade	多刃刀+螺丝固定 Multi blade slitting ring+screw fixing		
成品卷纸踢出机构 Roll-kicking unit	液压踢纸辊 Hydraulic kicking roller		
成品卷纸卸纸机构 Roll-unloading unit	液压翻斗 Hydraulic dump		
编程控制器 Procedure control	Siemens S7-1500 PLC, 人机界面(触摸屏)输入 Set on HMI(touch screen)		
自动停机方式 Machine auto-stop type	成品直径/纸卷长度 Diameter/Length		
驱动 Driver	西门子独立变频驱动系统 Siemens independent frequency driving system		
退纸方式 Unwinding type	下压式皮带架, 液压顶针大包角皮带架 Press type belt unwinding system, hydraulic plunger, lift up type belt unwinding system		
可选项 Options			
后架 Backstand 1-5层, 有轴式/无轴式 1-5 plies, with shaft or shaft less type	压光 Calender	自动拔插轴系统 Automatic pull/plug shaft system	纸边处理系统 Side-trimming 抽吸风机+集纸箱/碎纸风机+气纸分离器 from rewriter to collecting box/ to pulper
液压中高弧形辊 Hydraulic-adjust spearding roller	气胀底刀轴+多刃刀 Expanding bottom blade shaft+multi blade slitting ring	横向断纸方式 Tail cutting 水刀断纸/横切小车断纸 Water blade/cross cutting blade	快速接纸换卷后架 Fast-change unwinder

FC-V机型特点:

- 1.复卷控制: 全自动气动比例阀控制芯轴夹持装置提升, 液压伺服系统控制骑辊压力, 气动顶针夹持芯轴;
- 2.分切下刀: 每把底刀均由独立的外转子电机驱动;
- 3.前后复卷辊差速+骑辊控制成品密度及盘端整齐度; 精确的对刀控制, 误差 $\pm 0.1\text{mm}$;
- 4.后架: 可正反转, 方便操作; 独立驱动导辊, 底部配导纸平台, 减少伸长率损失;
- 5.领先的压光技术: 钢对钢压光, 两条压光辊均由冷硬铸铁制成, 且由两个电机分别驱动; 气胎加压; 可调整的压光间隙; 可调整交叉角度补偿中高;
- 6.配防护闸刀, 进行运行保护, 断纸;
- 7.自动落芯轴功能;
- 8.液压比例阀控制骑辊, 气动提升收卷芯轴;
- 9.可选自动插拔轴系统, 方便操作, 提高效率;
- 10.可选辅助散纸辊。

Characteristics of FC-V:

1. Rewinding control: Automatic pneumatic proportional valve controls linear slider rail lifting, hydraulic servo system controls riding roller, pneumatic thimbles grasp core shaft;
2. Slitting bottom blade: each bottom blade is driven by independent external rotor motor;
3. Front&back rewinding rollers' speed differential and riding roller, control final product's tension and both ends' neatness; Slitting blade is precisely controlled, tolerance $\pm 0.1\text{mm}$;
4. Backstand: Could run both forward and reverse, easy to operate the machine; Independent driven guiding roller, and the web guide platform at the bottom, reduce the loss of elongation;
5. Leading calender technology: Steel to steel calender, both two roller are made of chilled castiron, are driven by two motor respectively; Use pneumatic tyre increase pressure; calender rollers' relative angle and gap size are both adjustable;
6. Shield-blade does both tail trimming job, and guarding job (while machine is running);
7. Automatic rewinding shaft feeding function;
8. Hydraulic control riding roller, pneumatic lifting reel core shaft;
9. Automatic pull-plug system (optional): easy to operate the machine, improves efficiency;
10. Spreading auxiliary roller (optional).

FC-IV 高速分切机 (单光纸+生活用纸两用机)

High Speed Slitting Rewinder(process packaging paper and cultural paper)



*机型 Model	FC-IV 2950/3050/3650		
*原纸宽度 Max width of raw paper	2850/2950/3550mm		
*设计速度 Design speed	0-1300米/分钟 0-1300m/min		
*生产担保速度 Guarantee operation speed	0-1100米/分钟 0-1100m/min		
原纸最大外径 Max outer diameter of raw paper	3000mm/2500mm, 其他尺寸请注明 others please specify		
成品纸芯直径 Diameter of finished product core	3", 其他尺寸请注明 others please specify		
成品最大外径 Max outer diameter of finish product	2200mm, 其他尺寸请注明 others please specify		
最小分切宽度 Min slitting width	50mm		
复卷方式 Rewinding type	2条复卷辊+1条骑辊 2 rewinding rollers+1 riding roller		
分切方式 Slitting system	剪切式 Shear type		
分切上刀刀组 Slitting top blade	独立气动控制刀组 Adopts independent pneumatic controlled blade group		
分切底刀刀组 Slitting bottom blade	多刃刀+螺丝固定 Multi blade slitting ring+screw fixing		
成品卷纸踢出机构 Roll-kicking unit	液压踢纸辊 Hydraulic kicking roller		
成品卷纸卸纸机构 Roll-unloading unit	液压翻斗 Hydraulic dump		
编程控制器 Procedure control	Siemens S7-300 PLC, 人机界面(触摸屏)输入 Set on HMI(touch screen)		
自动停机方式 Machine auto-stop type	成品直径/纸卷长度 Diameter/length		
驱动 Driver	西门子独立变频驱动系统 Siemens independent frequency driving system		
退纸方式 Unwinding type	下压式皮带架, 液压顶针大包皮带架 Press type belt unwinding system, hydraulic plunger, lift up type belt unwinding system		
可选项Options			
后架 Backstand 1-5层, 有轴式/无轴式 1-5 plies, with shaft or shaft less type	压光 Calender	自动拔插轴系统 Automatic pull/plug shaft system	纸边处理系统 Side-trimming 抽吸风机+集纸箱/碎纸风机+气纸分离器 from rewinder to collecting box/ to pulper
液压中高弧形辊 Hydraulic-adjust spearding roller	气胀底刀轴+多刃刀 Expanding bottom blade shaft+multi blade slitting ring	横向断纸方式 Tail cutting 水刀断纸/横切小车断纸 Water blade/cross cutting blade	快速接纸换卷后架 Fast-change unwinder

FC-IV机型特点:

- 1.复卷控制: 全自动气动比例阀控制芯轴夹持装置提升, 液压伺服系统控制骑辊压力, 气动顶针夹持芯轴;
- 2.分切下刀刀组: 整体刀轴, 套满多刃刀套;
- 3.前后复卷辊差速+骑辊控制成品密度及盘端整齐度;
- 4.后架: 可正反转, 方便操作; 独立驱动导辊, 底部配导纸平台, 减少伸长率损失;
- 5.领先的压光技术: 钢对钢压光, 两条压光辊均由冷硬铸铁制成, 且由两个电机分别驱动, 气胎加压, 可调整压光间隙, 可调整交叉角度补偿中高;
- 6.配翻斗作运行保护, 水刀断纸;
- 7.自动落芯轴功能;
- 8.液压比例阀控制骑辊, 气动提升收卷芯轴;
- 9.中心传动放卷, 搭配张力传感器, 可分切包装用纸、文化用纸;
- 10.可选自动插拔轴系统, 方便操作, 提高效率;
- 11.可选辅助散纸辊。

Characteristics of FC-IV:

1. Rewinding control: Automatic pneumatic proportional valve controls linear slider rail lifting, hydraulic servo system controls riding roller, pneumatic thimbles grasp core shaft;
2. Slitting bottom blade: one piece blade shaft equipped with full sets of multi-blade blade sets;
3. Front&back rewinding rollers' speed differential and riding roller, control final product's tension and both ends' neatness;
4. Backstand: Could run both forward and reverse, easy to operate the machine; Independent driven guiding roller, and the web guide platform at the bottom, reduce the loss of elongation;
5. Leading calender technology: Steel to steel calender, both two roller are made of chilled cast iron, are driven by two motor respectively; Use pneumatic tyre increase pressure; calender rollers' relative angle and gap size are both adjustable;
6. Tipper-hopper does guarding job (while machine is running); Use water does tail trimming job;
7. Automatic rewinding shaft feeding function;
8. Hydraulic control riding roller, pneumatic lifting reel core shaft;
9. Centre drive unwinding, with web-tension sensor, could process packaging paper and cultural paper;
10. Automatic pull-plug system (optional): easy to operate the machine, improves efficiency;
11. Spreading auxiliary roller (optional).

FC-IV 高速分切机

High Speed Slitting Rewinder



*机型 Model	2950	3050	3650	4000	4300
*原纸宽度 Max width of raw paper	2900mm	3000mm	3600mm	3900mm	4200mm
*设计速度 Design speed	1400米/分钟 m/min		1300米/分钟 m/min	1200米/分钟 m/min	
*生产担保速度 Guarantee operation speed	1200米/分钟 m/min		1100米/分钟 m/min	1000米/分钟 m/min	
原纸最大外径 Max outer diameter of raw paper	3000mm/2500mm, 其他尺寸请注明 others please specify				
成品芯直径 Diameter of finished product core	3"6", 其他尺寸请注明 others please specify				
成品最大直径 Max outer diameter of finish product	1800mm, 其他尺寸请注明 others please specify				
最小分切宽度 Min slitting width	50mm				
复卷方式 Rewinding type	2条复卷辊+1条骑辊 2 rewinding rollers+1 riding roller				
分切方式 Slitting system	剪切式 Shear type				
分切上刀刀组 Slitting top blade	独立气动控制刀组 Adopts independent pneumatic controlled blade group				
分切底刀刀组 Slitting bottom blade	多刃刀+螺丝固定 Multi blade slitting ring+screw fixing				
成品卷纸踢出机构 Roll-kicking unit	液压踢纸辊 Hydraulic kicking roller				
成品卷纸卸纸机构 Roll-unloading unit	液压翻斗 Hydraulic dump				
编程控制器 Procedure control	Siemens S7-300 PLC, 人机界面(触摸屏)输入 Set on HMI(touch screen)				
自动停机方式 Machine auto-stop type	成品直径/纸卷长度 Diameter/length				
驱动 Driver	西门子独立变频驱动系统 Siemens independent frequency driving system				
退纸方式 Unwinding type	下压式皮带架, 液压顶针大包角皮带架 Press type belt unwinding system, hydraulic plunger, lift up type belt unwinding system				

可选项Options			
后架 Backstand 1-5层, 有轴式/无轴式 1-5 plies, with shaft or shaft less type	压光 Calender	自动拔插轴系统 Automatic pull/plug shaft system	纸边处理系统 Side-trimming 抽吸风机+集纸箱/碎纸风机+气纸分离器 from rewinder to collecting box/ to pulper
液压中高弧形辊 Hydraulic-adjust spearding roller	气胀底刀轴+多刃刀 Expanding bottom blade shaft+multi blade slitting ring	横向断纸方式 Tail cutting 水刀断纸/横切小车断纸 Water blade/cross cutting blade	快速接纸换卷后架 Fast-change unwinder

FC-IV机型特点:

- 1.复卷控制: 全自动气动比例阀控制芯轴夹持装置提升, 液压伺服系统控制骑辊压力, 气动顶针夹持芯轴;
- 2.分切下刀刀组: 整体刀轴, 套满多刃刀套;
- 3.前后复卷辊差速+骑辊控制成品密度及盘端整齐度;
- 4.后架: 可正反转, 方便操作; 独立驱动导辊, 底部配导纸平台, 减少伸长率损失;
- 5.领先的压光技术: 钢对钢压光, 两条压光辊均由冷硬铸铁制成, 且由两个电机分别驱动, 气胎加压, 可调整压光间隙, 可调整交叉角度补偿中高;
- 6.配翻斗作运行保护, 水刀断纸;
- 7.自动落芯轴功能;
- 8.液压比例阀控制骑辊, 气动提升收卷芯轴;
- 9.可选自动插拔轴系统, 方便操作, 提高效率;
- 10.可选辅助散纸辊。

Characteristics of FC-IV:

1. Rewinding control: Automatic pneumatic proportional valve controls linear slider rail lifting, hydraumatic servo system controls riding roller, pneumatic thimbles grasp core shaft;
2. Slitting bottom blade: one piece blade shaft equipped with full sets of multi-blade blade sets;
3. Front&back rewinding rollers' speed differential and riding roller, control final product's tension and both ends' neatness;
4. Backstand: Could run both forward and reverse, easy to operate the machine; Independent driven guiding roller, and the web guide platform at the bottom, reduce the loss of elongation;
5. Leading calender technology: Steel to steel calender, both two roller are made of chilled cast iron, are driven by two motor respectively; Use pneumatic tyre increase pressure; calender rollers' relative angle and gap size are both adjustable;
6. Tipper-hopper does guarding job (while machine is running); Use water does tail trimming job;
7. Automatic rewinding shaft feeding function;
8. Hydraulic control riding roller, pneumatic lifting reel core shaft;
9. Automatic pull-plug system (optional): easy to operate the machine, improves efficiency;
10. Spreading auxiliary roller (optional).

FC-WII 高速分切机 High Speed Slitting Rewinder



Characteristics of FC-WII:

FC-WII机型特点:

- 1.复卷控制: 全自动气动比例阀控制芯轴夹持装置提升, 气压伺服系统控制骑辊压力, 气动顶针夹持芯轴;
- 2.分切下刀刀组: 整体式刀轴, 套满多刃刀套/可移动两刃刀套; 可选底刀快速更换功能;
- 3.前后复卷辊差速+骑辊控制成品密度及盘端整齐度;
- 4.后架有轴式/无轴式, 下压式/底托式/侧压式, 可选正反功能,方便操作,独立驱动导辊和托纸辊, 无需托纸平台,减少伸长率损失;
- 5.领先的压光技术:高硬合金钢镀硬铬抛光压光棍/冷硬铸铁压光棍, 分单电机和双电机驱动两条压光棍, 采用气胎加压方式, 楔形垫块微调间隙, 可调整两辊交叉角度补偿中高;
- 6.配翻斗作运行保护;
- 7.自动落芯轴功能;
- 8.气动比例阀(机型:2950); 液压伺服阀控制骑辊(机型:3750/4030);
- 9.可选自动插拔轴系统, 方便操作, 提高效率;
- 10.标配辅助散纸辊。

- 1.Rewinding control:Automatic pneumatic proportional valve controls linear slider rail lifting, pneumatic servo system controls riding roller, pneumatic thimbles grasp core shaft;
- 2.Slitting bottom blade: one piece blade shaft equipped with full sets of multiblade blade sets, or movable double-blade knife; bottom blade easy change function (optional).
- 3.Rewinding shaft lifting rail: front & back rewinding rollers roller speed differential + riding roller control final product tension and neatness of both ends.
- 4.Backstand: with shaft type/shaftless type, press down type/lifting type/side press type, easy to operate the machine; Independent driven guiding roller, and the web guide platform at the bottom, reduce the loss of elongation;
- 5.Leading calender technology: High hardness alloy steel roller which plated with hard chrome, has single and double motor drive type; Use air tyre to control pressure; calender rollers relative angle and gap size are both adjustable.;
- 6.Tipper-hopper does guarding job (while machine is running);
- 7.Automatic rewinding shaft feeding function;
- 8.perforation function(model:2950)/Pneumatic proportional valve(model:3750/4030);
- 9.Automatic pull-plug system (optional), easy to operate the machine, Improve efficiency.
- 10.Spreading auxiliary roller is included in standard machine.

*机型 Model	2950	3750	4030
*原纸宽度 Max width of raw paper	2860mm	3660mm	4210mm
*设计速度 Design speed	标准型 standard type: 1200米/分钟 m/min	经济型 economical type: 1000米/分钟 m/min	
*生产担保速度 Guarantee operation speed	标准型 standard type: 1000米/分钟 m/min	经济型 economical type: 800米/分钟 m/min	
原纸最大外径 Max outer diameter of raw paper	3000mm, 其他尺寸请注明 others please specify		
成品纸芯直径 Diameter of finished product core	3"(76.2mm), 6",其他尺寸请注明 others please specify		
成品最大直径 Max outer diameter of finish product	1800mm, 其他尺寸请注明 others please specify		
最小分切宽度 Min slitting width	50mm-200mm (小于200mm推荐使用液压中高弧形辊) (smaller than 200mm, recommend Hydraulic-adjust spearding roller)		
复卷方式 Rewinding type	2条复卷辊+1条骑辊 2 rewinding rollers+1 riding roller		
复卷辊驱动 Drive type of rewinding roller	经济型 economical type (2950) 单电机+调速两锥带轮驱动两复卷辊 single inverter controlled motor+cone pulley drive		
分切方式 Slitting system	剪切式 Shear type		
分切底刀刀组 Slitting bottom blade	多刃刀+螺丝固定 Multi blade slitting ring+screw fixing		
分切上刀刀组 Slitting top blade	独立气动控制刀组Adopts independent pneumatic controlled blade group		
骑辊升降机构 Riding roller up/down control	经济型 economical type(2950): 气动比例控制 Pneumatic proportional control		
芯轴升降机构 Rewinding shaft up/down control	标准型 standard type (2950/3750/4030): 液压比例控制 Hydraulic proportional control		
成品卷纸踢出机构 Roll-kicking unit	气动比例控制 Pneumatic proportional control		
成品卷纸卸纸机构 Roll-unloading unit	液压踢纸辊 Hydraulic kicking roller		
编程控制器 Procedure control	Siemens S7-300 PLC		
自动停机方式 Machine auto-stop type	成品直径/纸卷长度 Diameter/length		
驱动 Driver	西门子G120独立变频驱动系统 Siemens G120 Independent frequency driving system		
参数设定 Parameter setting	人机界面(触摸屏)输入HMI		
退纸方式 Unwinding type	下压式皮带架; press type belt unwinding system	上托式退卷架 lifting type belt unwinding system	

可选项Options			
后架 Backstand 1-5层, 有轴式/无轴式 1-5 plies, with shaft or shaft less type	压光 Calender	自动拔插轴系统 Automatic pull/plug shaft system	纸边处理系统 Side-trimming 抽吸风机+集纸箱/碎纸风机+气纸分离器 from rewinder to collecting box/ to pulper
液压中高弧形辊 Hydraulic-adjust spearding roller	气胀底刀轴+多刃刀 Expanding bottom blade shaft+multi blade slitting ring	横向断纸方式 Tail cutting 水刀断纸/横切小车断纸 Water blade/cross cutting blade	快速接纸换卷后架 Fast-change unwinder

FC-II 气动式盘纸分切复卷机 Slitting Rewinder



*机型 Model	FC-II 1092/1575/1760/2200/2500/2900
*原纸宽度 Max width of raw paper	1350/1750/2000/2150/2400/2800mm
原纸最大直径 Max. Dia. Of Raw Paper	1100mm(其它尺寸请指定 Other size to be specified)
成品纸芯直径 Diameter of finished product core	3"(76.2mm) (其它尺寸请指定 Other size to be specified)
最小分切宽度 Min. Cutting Width	120mm (其它尺寸请指定 Other size to be specified)
收卷 Winding Device	气胀轴 Air-shaft
*压光 Calender Roller	气动式 (须订购 Pneumatic Calender roller (To be Ordered))
机器速度 Machine Speed	0-200米/分钟 m/min (*车速大于200米/分钟的机器需要另外订购 Speed morethan 200m/min can be ordeded)
使用动力 Power	7.5-22kw
装箱尺寸 Packing Size	因机型、配置不同而不同 It will be different According to the different type of machine and different configure.

FC-W(SY) 复卷分切机 (带印刷单元) Lotion Coating Machine

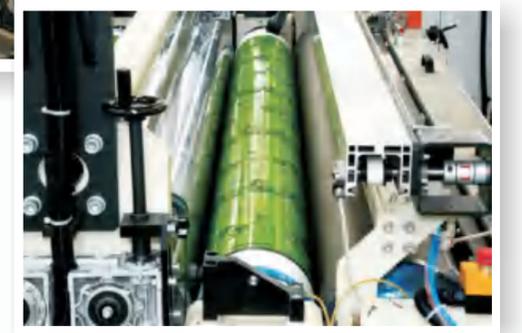


高速印刷单元特点:

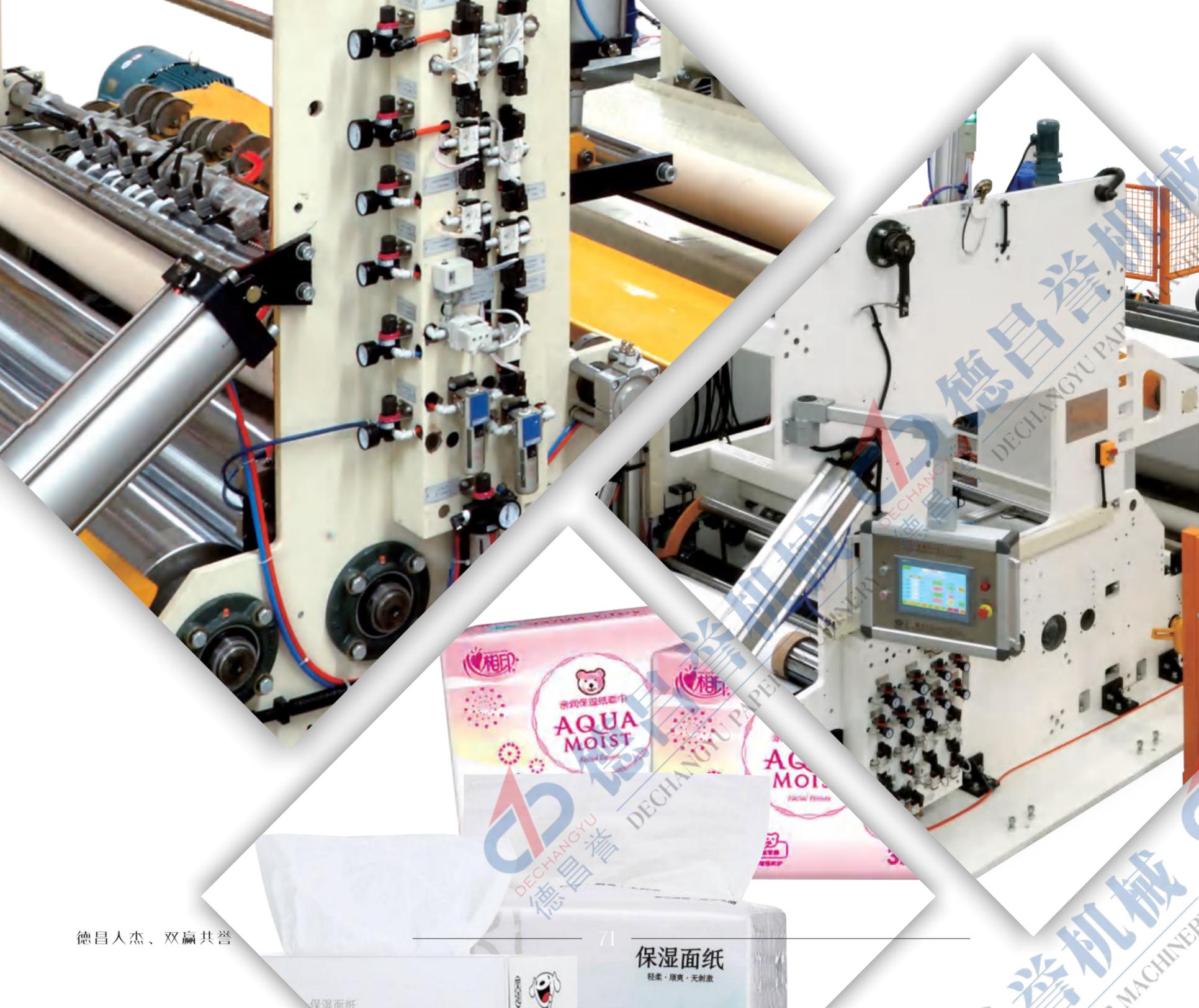
- 1、适用性强: 适用于高速分切复卷机, 开停式/连续式复卷产品生产线等生产设备;
- 2、速度高: 工作速度可达400米/分钟或以上;
- 3、套印准: 误差≤0.5mm;
- 4、换版方便: 可选配印刷套筒方式, 轻松更换印刷版。

Characteristics of High speed printing unit :

- 1、Strong applicability: suitable of high speed slitting rewinder, non-stop rewinder and other production line;
- 2、High speed: the Working apeed can reach 400m/min or above;
- 3、overprinting accuracy: tolerance≤0.5mm;
- 4、Convenient plate change: Optional printing sleeve, easy to change the printing plate.



原纸最大幅宽 Jumbo reel Max.width	1500/2050/2900mm, 其他请注明 others please specify
印刷最大幅宽 Printing Max.width	1500/2050/2870mm, 其他请注明 others please specify
设计速度 Design speed	0-450米/分钟 m/min
稳定运行速度 Runing speed	≥400米/分钟 m/min
套印误差 Printing tolerance	≤0.5mm
水墨循环系统 Ink cycle system	含循环, 过滤装置 Including cycle and filter system
印版胶版(花纹)更换 Pattern change way	版辊贴版形式--更换版辊 Change the printing roll with printing plate 可选配, 印刷套筒方式--通过更换套筒来更换花纹, 更加省事省力! Optional function, printing sleeve type, change the sleeve with printing plate
原纸最大外径 Max outer diameter of raw paper	3000mm, 其他尺寸请注明 others please specify
成品纸芯直径 Diameter of finished product core	3"(76.2mm), 6", 10", 其他尺寸请注明 others please specify
成品最大直径 Max outer diameter of finish product	1600mm, 其他尺寸请注明 others please specify
最小分切宽度 Min slitting widtn	50mm-200mm (小于200mm推荐使用液压中高弧形辊) (smaller than 200mm, recommend Hydraulic-adjust spearding roller)
复卷方式 Rewinding type	2条复卷辊+1条骑辊 2 rewinding rollers+1 riding roller

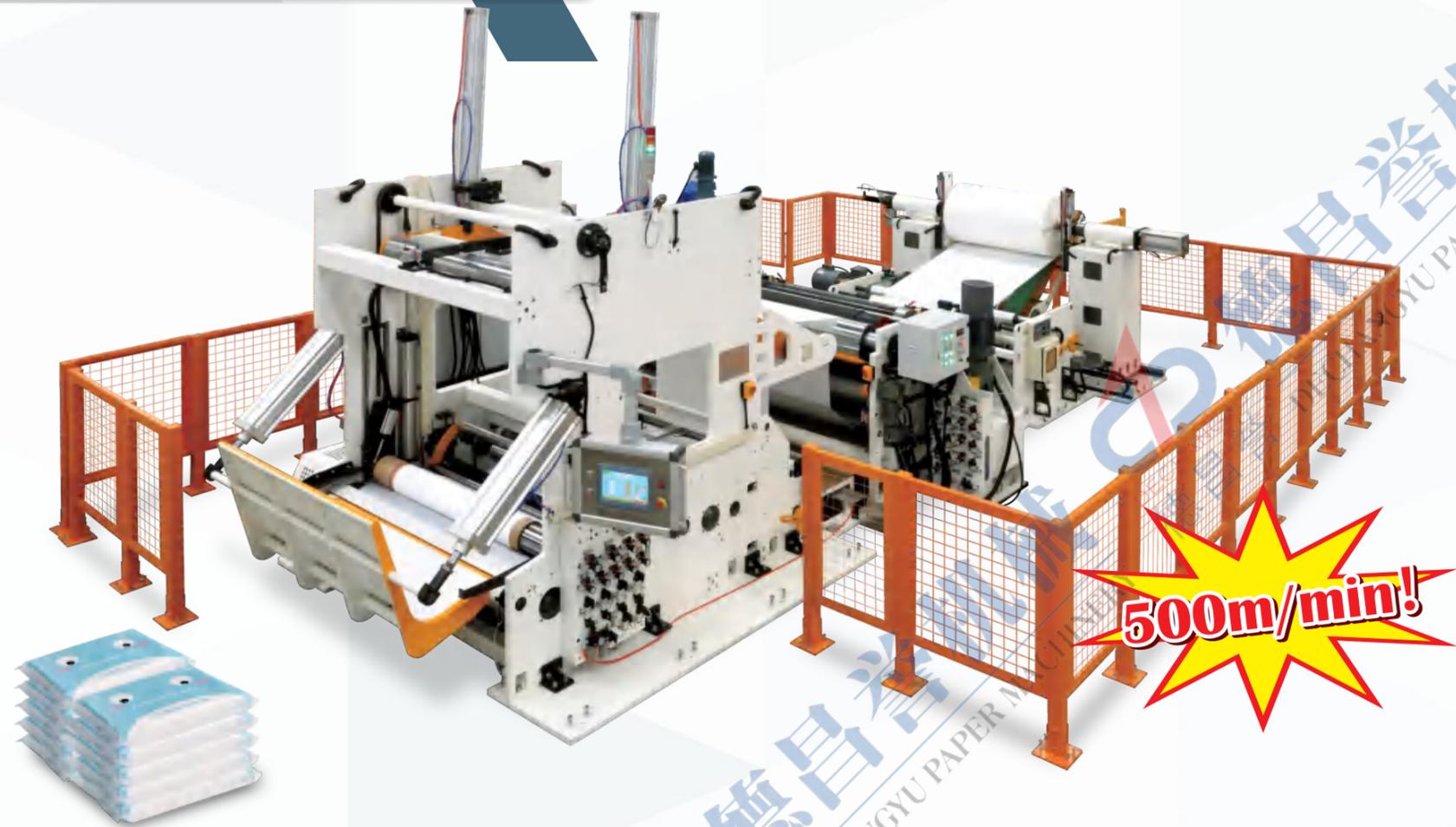


4

乳霜涂布机

LOTION COATING MACHINE SERIE

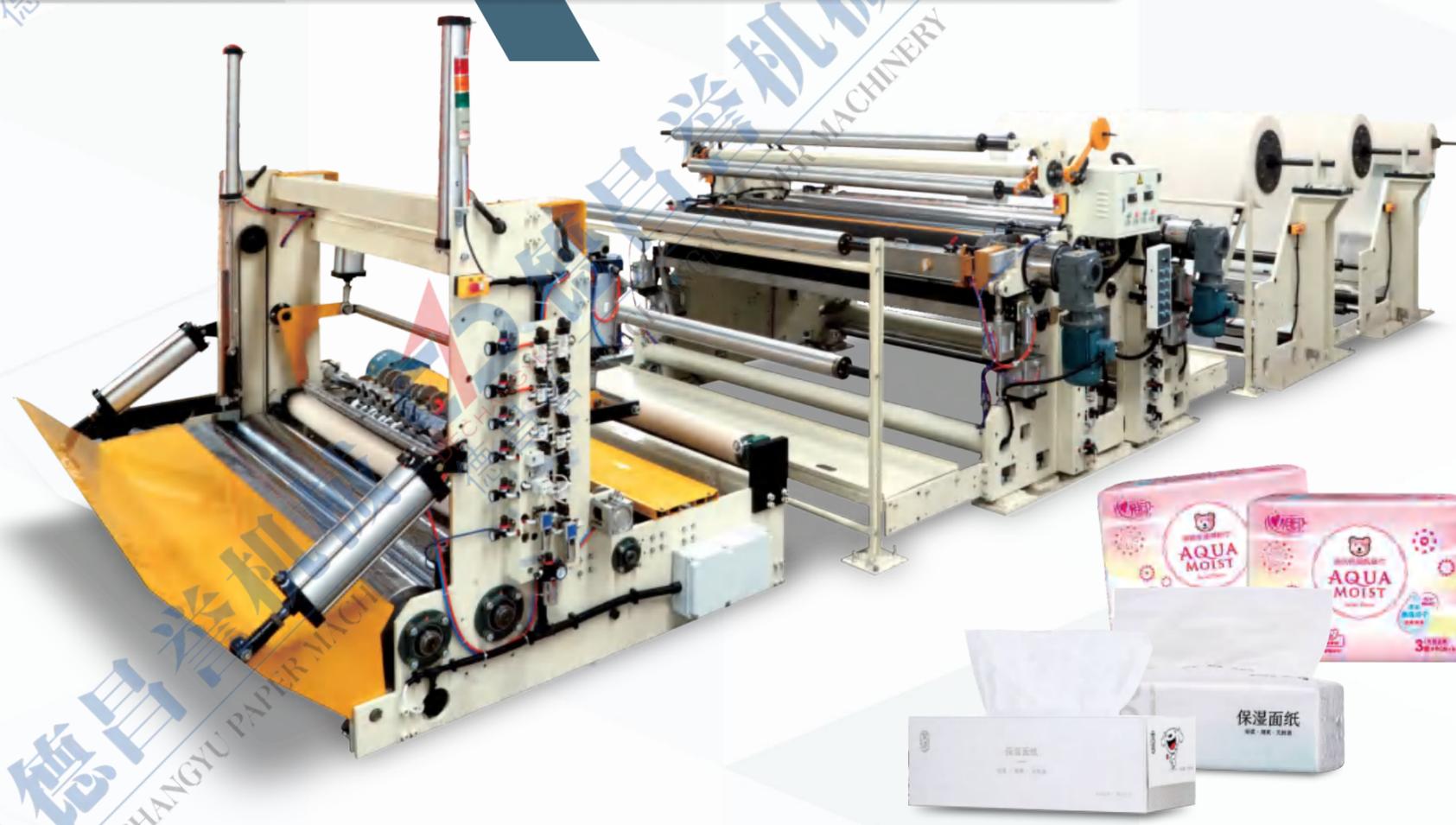
FC-TB 乳霜涂布机 Lotion Coating Machine



500m/min!

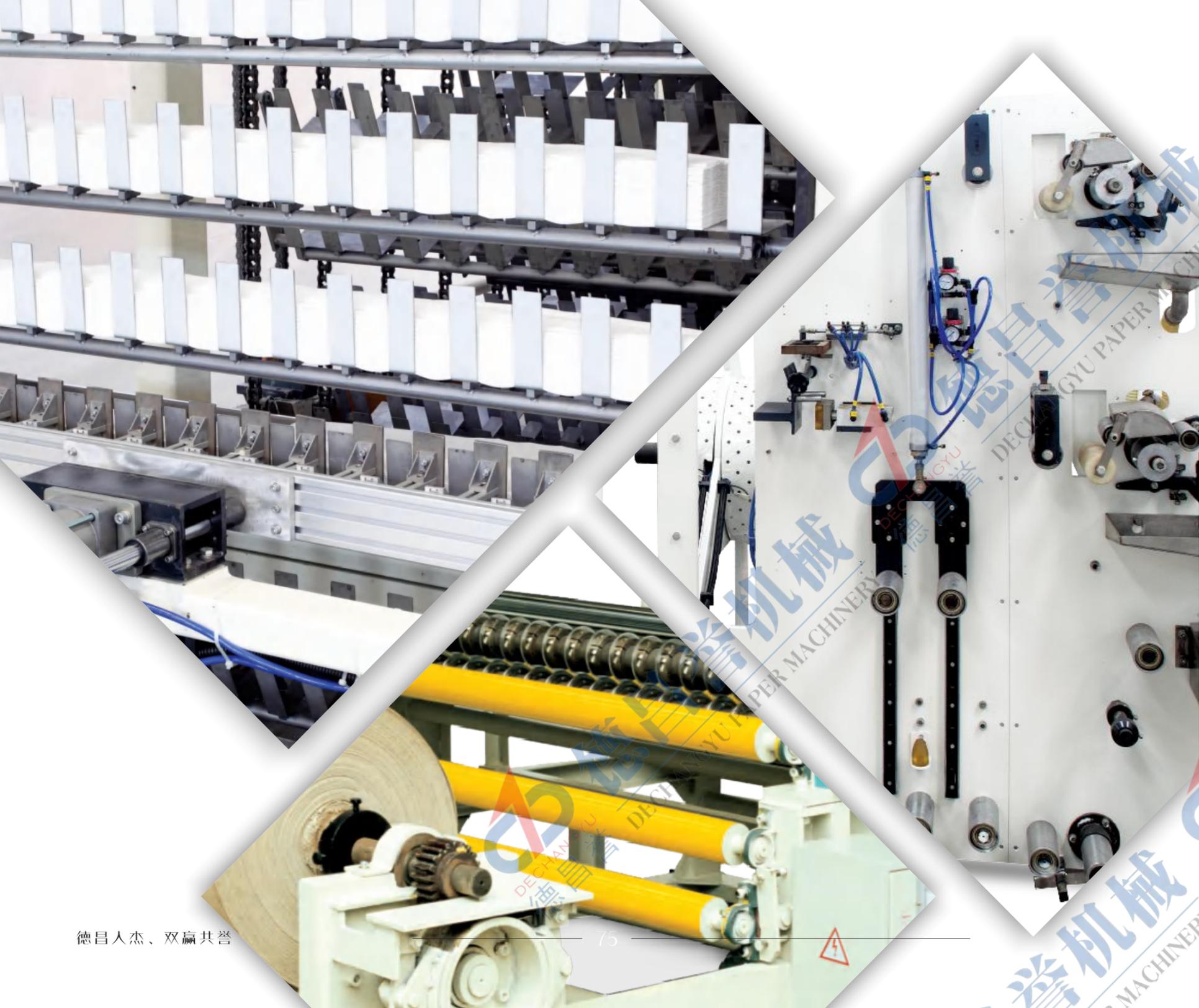
*机型 Model	FC-TB 1500/2100/2950	成品直径 Max. Dia. Of Raw Paper	700-1200mm
*原纸宽度 Max width of raw paper	1400/2000/2850mm	机器速度 Machine Speed	设计速度: 600米/分钟m/min, 涂布速度: 400-500米/分钟 m/min
原纸最大直径 Max. Dia. Of Raw Paper	1100/2000/2500mm(其它尺寸请指定 Other size to be specified)	涂布形式 Coating type	凹版涂布, 单面/双面涂布 Intaglio, one-side/double-side coating
成品纸芯直径 Diameter of finished product core	3"(76.2mm) (其它尺寸请指定 Other size to be specified)	乳霜涂布量 Lotion volume	根据客户指定, 可调 Adjustable, please specify
最小分切宽度 Min. Cutting Width	120mm (其它尺寸请指定 Other size to be specified)	使用动力 Power	15-45kw
收卷 Winding Device	气胀轴 Air-shaft	装箱尺寸 Packing Size	因机型、配置不同而不同 It will be different According to the different type of machine and different configure.

ZQ-SY-III 乳霜涂布机(双面) Lotion Coating Machine (Double-Side)



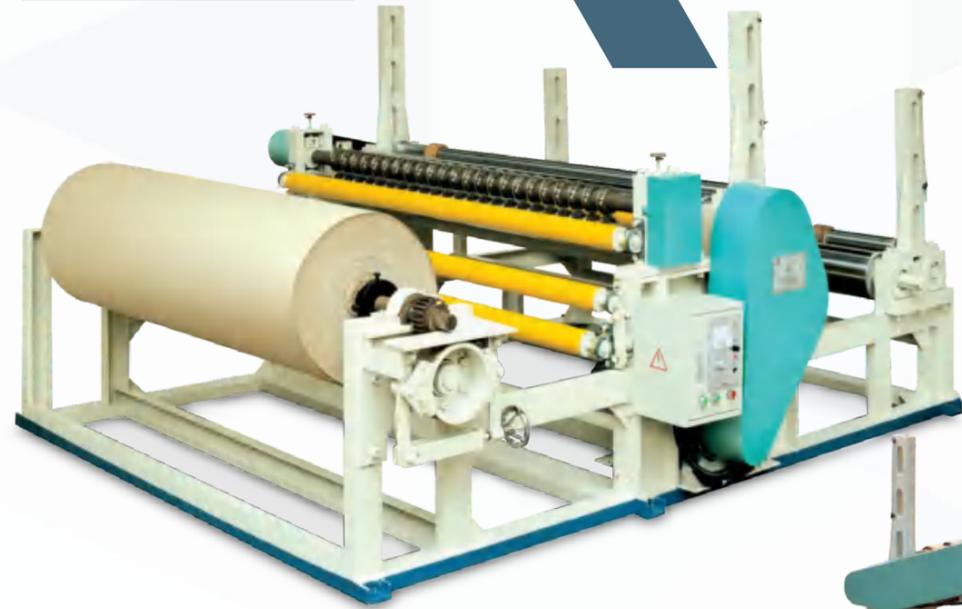
*机型 Model	ZQ-SY-III 1500/2100/2950	成品直径 Max. Dia. Of Raw Paper	700-1200mm
*原纸宽度 Max width of raw paper	1400/2000/2850mm	机器速度 Machine Speed	设计速度: 300米/分钟m/min, 涂布速度: 200米/分钟 m/min
原纸最大直径 Max. Dia. Of Raw Paper	1100mm(其它尺寸请指定 Other size to be specified)	涂布形式 Coating type	凹版涂布, 单面/双面涂布 Intaglio, one-side/double-side coating
成品纸芯直径 Diameter of finished product core	3"(76.2mm) (其它尺寸请指定 Other size to be specified)	乳霜涂布量 Lotion volume	根据客户指定, 可调 Adjustable, please specify
最小分切宽度 Min. Cutting Width	120mm (其它尺寸请指定 Other size to be specified)	使用动力 Power	7.5-22kw
收卷 Winding Device	气胀轴 Air-shaft	装箱尺寸 Packing Size	因机型、配置不同而不同 It will be different According to the different type of machine and different configure.

*机型 Model	ZQ-SY-III 1500/2100/2950	成品直径 Max. Dia. Of Raw Paper	700-1200mm
*原纸宽度 Max width of raw paper	1400/2000/2850mm	机器速度 Machine Speed	设计速度: 300米/分钟m/min, 涂布速度: 200米/分钟 m/min
原纸最大直径 Max. Dia. Of Raw Paper	1100mm(其它尺寸请指定 Other size to be specified)	涂布形式 Coating type	凹版涂布, 单面/双面涂布 Intaglio, one-side/double-side coating
成品纸芯直径 Diameter of finished product core	3"(76.2mm) (其它尺寸请指定 Other size to be specified)	乳霜涂布量 Lotion volume	根据客户指定, 可调 Adjustable, please specify
最小分切宽度 Min. Cutting Width	120mm (其它尺寸请指定 Other size to be specified)	使用动力 Power	7.5-22kw
收卷 Winding Device	气胀轴 Air-shaft	装箱尺寸 Packing Size	因机型、配置不同而不同 It will be different According to the different type of machine and different configure.

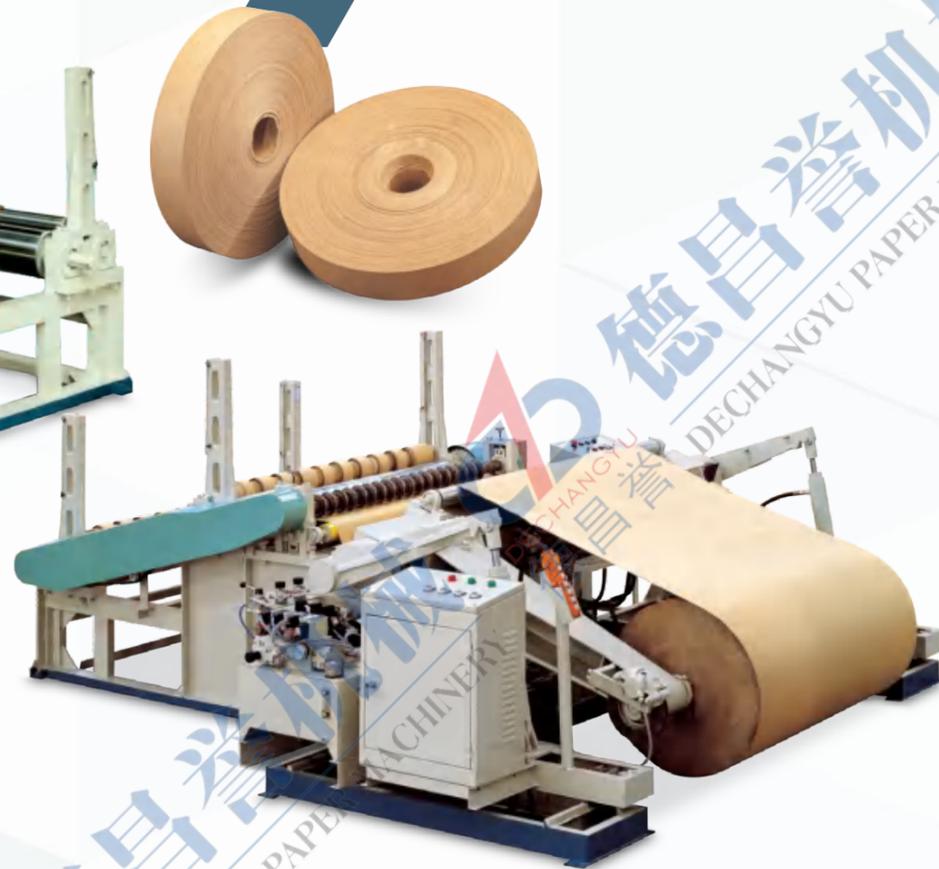


OTHERS
其他配套机型
OTHER AUXILIARY MACHINES

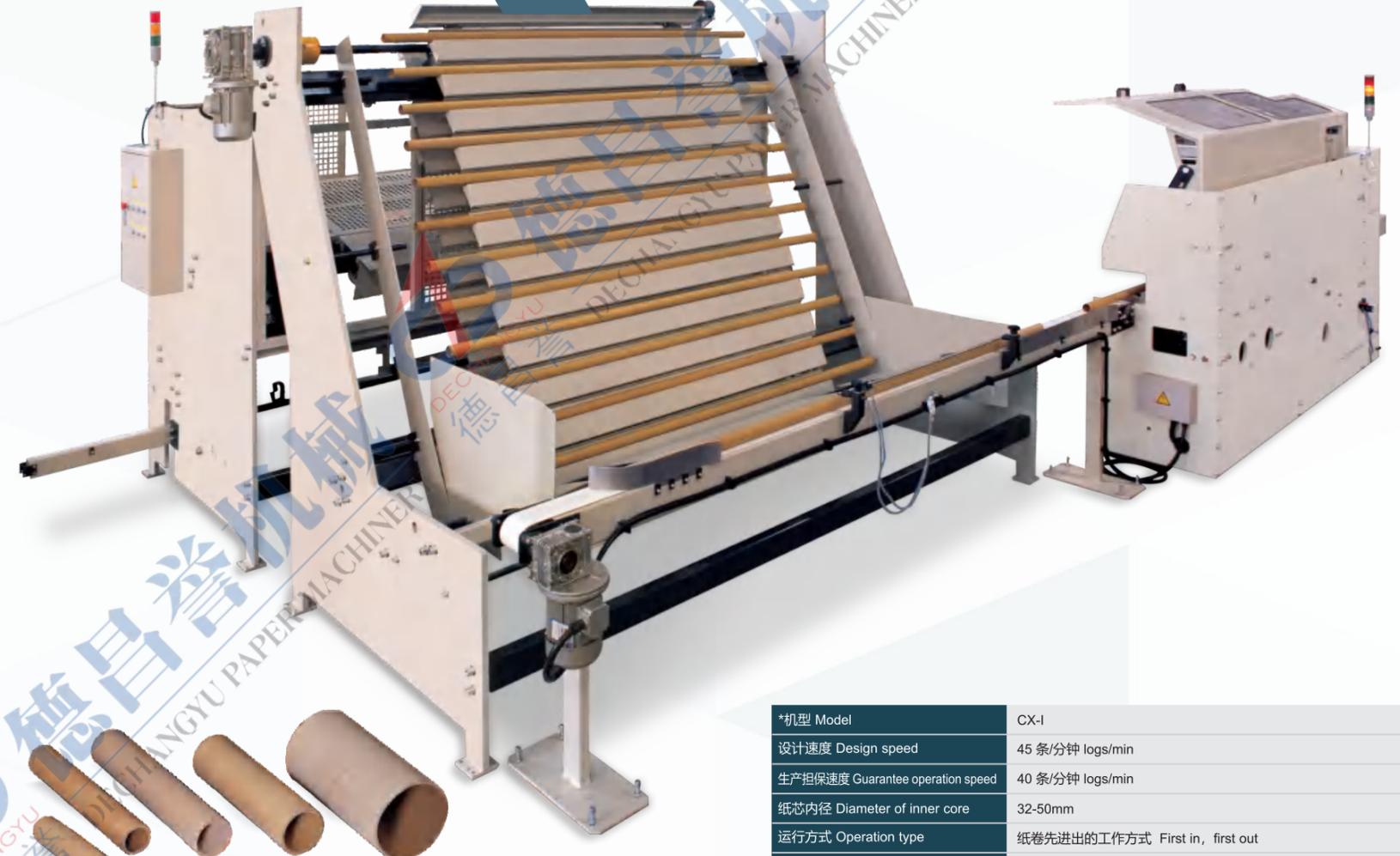
NJ-I 牛皮纸分切复卷机
Kraft Paper Slitting Rewinder



NJ-II 牛皮纸分切复卷机
Pneumatic Kraft Paper Slitting Rewinder



CX-I 储芯机
Core Storage



*机型 Model	NJ-I 1092	NJ-I 1575	NJ-I 1760
*原纸宽度 Max width of raw paper	1380mm	1780mm	2000mm
原纸最大直径 Max. Dia. Of Raw Paper	1300mm	1300mm	1300mm
最小分切宽度 Min. Cutting Width	50mm	50mm	50mm
机器速度 Machine Speed	115m/min	115m/min	115m/min

*机型 Model	NJ-II 1092	NJ-II 1575	NJ-II 1760
*原纸宽度 Max width of raw paper	1380mm	1780mm	2000mm
原纸最大直径 Max. Dia. Of Raw Paper	1300mm	1300mm	1300mm
最小分切宽度 Min. Cutting Width	50mm	50mm	50mm
机器速度 Machine Speed	150m/min	150m/min	150m/min

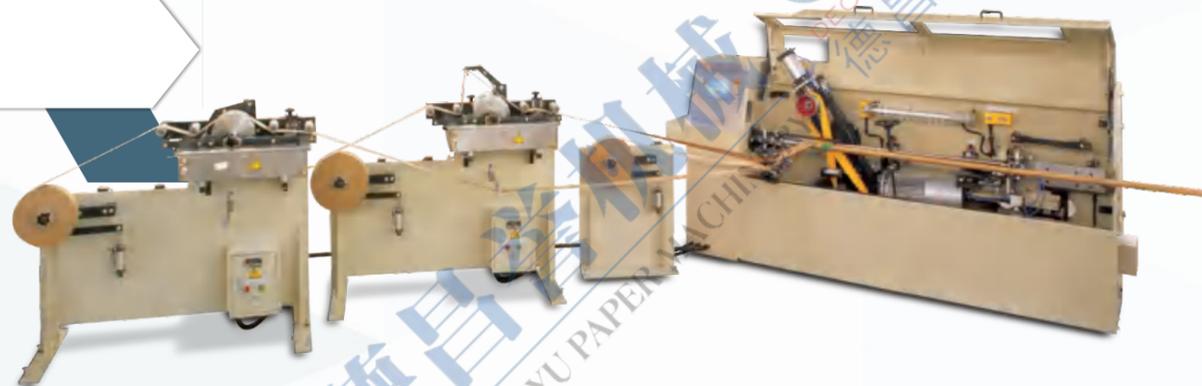
*机型 Model	CX-I
设计速度 Design speed	45 条/分钟 logs/min
生产担保速度 Guarantee operation speed	40 条/分钟 logs/min
纸芯内径 Diameter of inner core	32-50mm
运行方式 Operation type	纸卷先进出的工作方式 First in, first out
储存量 Storage quantity	400条 logs
储存方式 Storage	箱斗式 Hopper
卸载方式 Log-unloading type	气动推出, 每次一条 Pneumatic unloading, 1 for 1time
程序控制 Procedure control	西门子 Siemens PLC

ZX-II 自动卷管机 Core Winding Machine



机型 Model	ZX-II
最快纸管成形速度 Core output speed	20m/min
纸芯层数 Core plies	2-7层 plies
纸芯直径 Core diameter	15-70mm, 其他请指定 select 1 size between 15-70mm, others please specify
原纸宽度 Max width of raw paper	50-90mm
原纸克重 GSM	80-500g/m ²
原纸最大直径 Max outer diameter of raw paper	maxφ1000mm
原纸纸芯内径 Outer diameter of raw paper core	3*(φ76.2mm)
原纸后架数量 Unwinding quantity	3
底纸后架数量 Bottom paper Unwinding quantity	1
润滑 Lubrication	固体蜡 Wax
底纸克重 GSM	80g/m ²
纸管长度误差 Core length tolerance	±2mm
*印刷 *Printing	*单色凹版 (须订购) *Single color concave plate, to be ordered

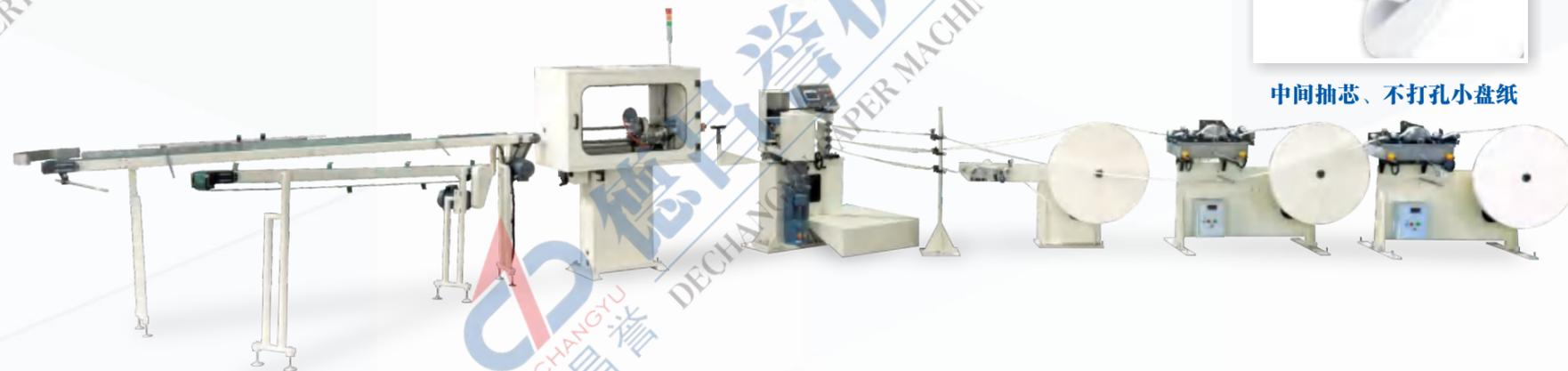
ZX-III 自动卷管机 Core Winding Machine



*机型 Model	ZX-III
最快纸管成形速度 Core output speed	Max 60m/min
纸芯层数 Core plies	2-4层 plies
纸芯直径 Core diameter	40-50mm选一种, 其他请指定 select 1 size between 40-50mm, others please specify
原纸宽度 Max width of raw paper	65-85mm
原纸克重 GSM	180-350g/m ²
原纸最大直径 Max outer diameter of raw paper	maxφ1000mm

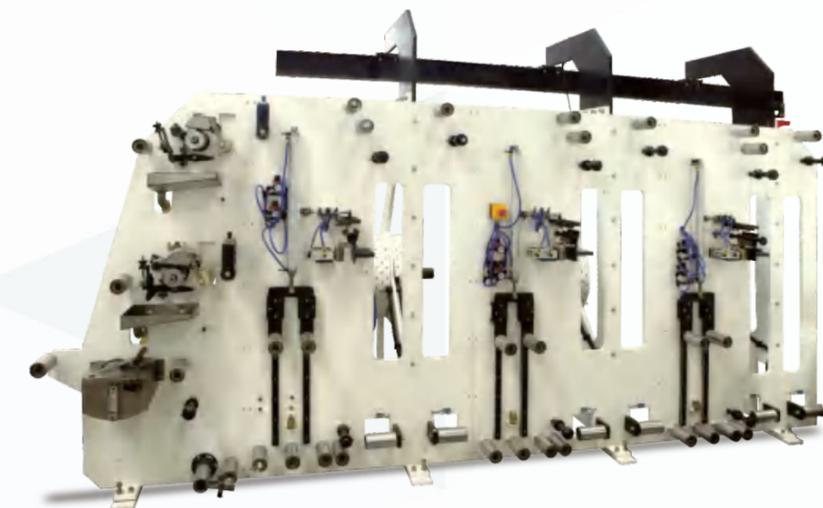
原纸纸芯内径 Outer diameter of raw paper core	3*(φ76.2mm)
原纸后架数量 Unwinding quantity	3
底纸后架数量 Bottom paper Unwinding quantity	1
润滑 Lubrication	固体蜡 Wax
底纸克重 GSM	80g/m ²
纸管长度误差 Core length tolerance	±2mm
*印刷 *Printing	*单色凹版 (须订购) *Single color concave plate, to be ordered

ZX-V 高速自动卷管机 High Speed Core Winding Machine



中间抽芯、不打孔小盘纸

*机型 Model	ZX-V
最快纸管成形速度 Core output speed	Max 90-100m/min
纸芯层数 Core plies	2-4层 plies
纸芯直径 Core diameter	40-50mm选一种, 其他请指定 select 1 size between 40-50mm, others please specify
原纸宽度 Max width of raw paper	65-85mm
原纸克重 GSM	180-350g/m ²
原纸最大直径 Max outer diameter of raw paper	maxφ1000mm
原纸纸芯内径 Outer diameter of raw paper core	3*(φ76.2mm)
原纸后架数量 Unwinding quantity	3
底纸后架数量 Bottom paper Unwinding quantity	1
润滑 Lubrication	固体蜡 Wax
底纸克重 GSM	80g/m ²
纸管长度误差 Core length tolerance	±2mm
*印刷 *Printing	*单色凹版 (须订购) *Single color concave plate, to be ordered
*自动换卷 *Automatic Roll Change	*自动换卷 *Automatic Roll Change
*可选后架 *Backstand/Unwinding Unit	3组原纸后架, 最大直径: φ1500mm带胶水加热功能 (隔水加热) 3 Sets, max.diameter φ1500mm with glue heating function (隔水加热)
*可选*Backstand	*纸管打孔功能 *Perforation function



XCZ-I/CZ-IV 储纸架 Accumulator



MZ-I/MZ-II 储纸架 Accumulator



*机型 Model	XCZ-I	CZ-IV
*设计速度 Design speed	45条/分钟 logs/min	20条/分钟 logs/min
生产担保速度 Guarantee operation speed	40条/分钟 logs/min	18条/分钟 logs/min
纸卷长度 Log length	3550mm/2850mm/2000mm, 其他请指定 others please specify	3550mm/3000mm/2850mm/2000mm, 其他请指定 others please specify
成品直径 Diameter of finished product	65mm-130mm, 其他请指定 Others please specify	
运行方式 Running type	纸卷先进先出的工作方式 First in, first out	
储存量 Log storage quantity	360 条 logs	200条 logs
储存方式 Storing type	塑料托架 Plastic bracket	
卸载方式 Log-unloading type	可选择1通道或2通道或3通道或4通道卸纸模式 1 lane, 2 lanes, 3 lanes, 4 lanes unloading type is optional	可选择1通道或2通道或3通道卸纸模式 1 lane, 2 lanes, 3 lanes unloading type is optional
过载保护 Overload protection system	自动 automatic	
程序控制 Procedure control	PLC	

*机型 Model	MZ-I	MZ-II
*设计速度 Design speed	25条/分钟 logs/min	30条/分钟 logs/min
生产担保速度 Guarantee operation speed	20条/分钟 logs/min	25条/分钟 logs/min
纸卷长度 Log length	1500/2050/2950mm, 其他请指定 others please specify	
纸条最大高度 Max log height	130mm, 其他请指定 Others please specify	
储存量 Log storage quantity	150-250条 logs, 其他请指定 others please specify	
储存方式 Storing type	托架 bracket	
卸载方式 Log-unloading type	气缸推动 Air cylinder push	可选择1通道或2通道卸纸模式 1 lane, 2 lanes, unloading type is optional
过载保护 Overload protection system	自动 automatic	
程序控制 Procedure control	PLC	