KINYUN

擎云智能

KINYUN

致力于成为全球领先的分切卷绕智能装备系统供应商

TO BE THE GLOBAL LEADING SUPPLIER OF SLITTING
AND REWINDING INDUSTRIAL EQUIPMENT SYSTEMS.



懂材料，更懂分切

Not Just Materials.
We Master Slitting.



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擎云智能

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SW4500工位式高速分切机
SW4500 Stationary High-speed Slitter

RW900复合铜铝箔专用复卷机
RW900 MA/MC Customized Rewinder

设　　计
DESIGN

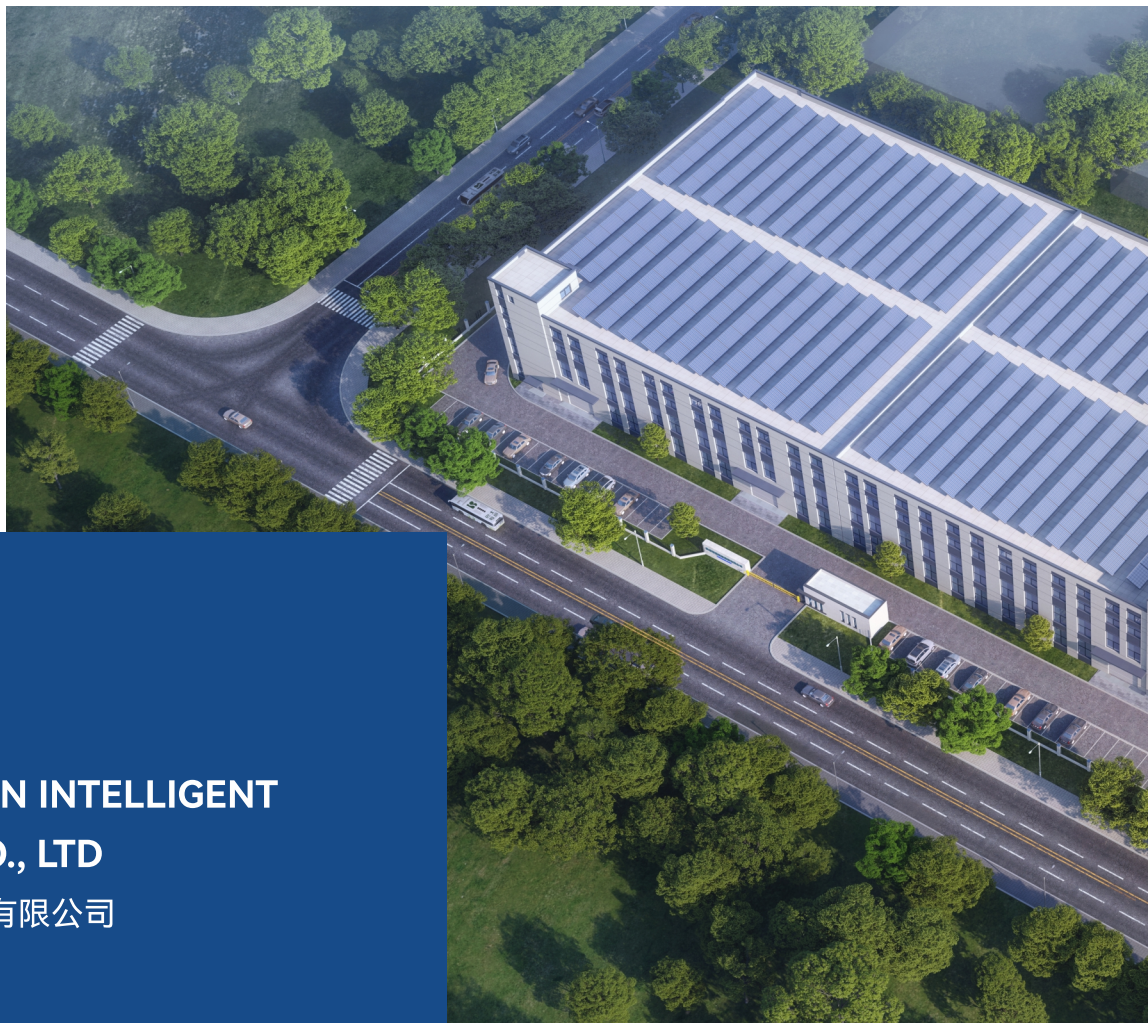
产品设计亮点
Product design highlights

ABOUT KINYUN

关于擎云

Deqing Kinyun Intelligent Equipment Co., Ltd. was established through the powerful collaboration between Hangzhou Qingyunzhi Technology Co., Ltd. and Tairec Intelligence Tech (Deqing) Co., Ltd. Leveraging years of profound accumulation and technical expertise in slitting and rewinding industry, the company integrates R&D, design, manufacturing, and service, dedicated to providing leading intelligent equipment and system support for the global high-end materials manufacturing sector.

德清擎云智能装备有限公司由杭州青云志科技有限公司与泰睿智能科技（德清）有限公司强强联合成立，凭借双方在分切卷绕领域多年的深厚积累与技术优势，集研发、设计、制造与服务为一体，致力于为全球高端材料制造领域提供领先的智能化装备与系统支持。



DEQING KINYUN INTELLIGENT EQUIPMENT CO., LTD

德清擎云智能装备有限公司

We are located at No. 146 Xiandao Road, Luoshe, Deqing County, Zhejiang Province (Moganshan Hi-Tech Zone), situated in the core area of the Yangtze River Delta's manufacturing intelligence hub. Adjacent to high-end industrial clusters such as CRRC and leading Internet of Vehicles enterprises. The region boasts a beautiful environment and extremely convenient transportation—just a 5-minutes drive from the Deqing North Highway Exit and within easy reach of Hangzhou city in half an hour, making it an ideal location for cooperation and exchange.

公司坐落于浙江省德清县洛舍镇先导路146号（莫干山高新区），地处长三角智造业核心地带，毗邻中国中车、车联网领军企业等高端产业群。该区域环境优美，交通极为便利——德清北高速出口仅5分钟车程即达，杭州市区半小经济圈畅通可达，是合作交流的理想之地。



包装材料
Packaging Materials

电子及光学材料
Electronic and Optical Materials

医疗卫生材料
Medical Healthcare Materials

特种纸
Special Papers

新能源材料
New Energy Materials

KINYUN

INDUSTRY ADVANTAGES

我们的优势

专家团队，深耕工艺

Expert Team. Deep Industry Process Knowledge.

01

我们汇聚行业资深工艺专家、电气自动化及机械设计精英，精通西门子、三菱、汇川等控制系统，在新能源、电子光学膜、特种纸等细分领域拥有大量成功案例，为客户提供真正懂工艺、能落地的智能设备。

We bring together seasoned process experts, elite professionals in electrical automation and mechanical design, proficient in control systems from Siemens, Mitsubishi, Inovance. With numerous successful cases in segments such as New Energy, Optical Films, and Special Papers. We provide intelligent equipment that truly understands industrial processes and delivers practical solutions.

技术领先，智能赋能

Technological Leadership. Intelligent Empowerment

02

承袭并创新高精度张力控制、“一键搞定”智能操作、节能系统等核心技术，产品涵盖工位式分切机、复卷机、智能打包线及整厂物流自动化系统。通过持续的技术迭代与服务优化，我们不断推动智能制造解决方案的升级，帮助客户应对日益复杂的生产需求与市场变化。无论是设备调试、故障排查，还是工艺优化、系统升级，我们的专业团队始终以客户需求为导向，提供高效、精准的支持。选择我们，意味着选择一站式的智能装备伙伴，携手迈向高质量发展新阶段。

Inheriting and innovating core technologies including high-precision tension control, "One-click" operation, and energy-saving systems, our products range covers stationary slitting machines, rewinding machines, intelligent packaging lines, and full-plant logistics automation systems. Through continuous technological iteration and service optimization, we consistently advance intelligent manufacturing solutions to help customers meet increasingly complex production demands and market changes. Whether it's equipment debugging, troubleshooting, process optimization, or system upgrades, our professional team always prioritizes customer needs, offering efficient and precise support. Choosing us means selecting a one-stop intelligent equipment partner to jointly step into a new phase of high-quality development.

全生命周期服务保障

Full Life cycle Service Assurance

03

依托本地化服务团队与远程运维系统，我们提供7×24小时快速响应。工程师不仅技术精湛，更深刻理解材料工艺与生产实际，能够为客户提供从方案设计到持续升级的全周期服务。

Supported by a local service team and remote control maintenance system, we provide 7*24 hours rapid response. Our engineers are not only technically skilled but also possess a deep understanding of material processes and production realities, enabling them to deliver full life cycle services—from solution design to continuous upgrades.

OUR VISION

我们的愿景

- 以开创性智能技术与全生命周期服务，成为全球分切卷绕技术的可靠基石与创新者；
- 通过智能化、无人化的装备生态系统，为绿色能源与先进材料领域提供核心支撑；
- 赋能客户，助力其在全球竞争中持续领先。

- To serve as a reliable foundation and innovator in global slitting and rewinding technology through groundbreaking intelligent solutions and full lifecycle services.
- To provide core support for the green energy and advanced materials sectors via intelligent, unmanned equipment ecosystems.
- To empower customers, assisting them in maintaining continuous leadership in global competition.

OUR VALUES

企业价值观



KINYUN



SW2800 HANGLINEAR HIGH-SPEED SLITTER

SW2800悬挂高速分切机





应用领域 Application Area

电子及光学材料 Electronic & Optical Material

- PET光学膜 PET Optical Grade Film
- MLCC用离型膜 Release Film for MLCC
- 铝塑复合膜 Aluminum Plastic Lamination Film
- 自粘膜 Self-adhesive Film
- PET窗膜 PET Window Film
- BOPP/BOPET电容器膜 Capacitor Film
- PET保护膜 Protective Film
- OCA膜 OCA Film
- PI膜 PI Film
- LCD膜 LCD Film
- TAC膜 TAC Film

产品参数 Product Parameters

项目	参数	Item	Specification
材料厚度	20-100μm	Thickness of Material	20-100μm
工作速度	Max.200m/min	Working Speed	Max.200m/min
张力范围	50-150N/m	Tension of Unwinding/Rewinding	50-150N/m
放卷宽度	1000-2650mm	Width of Unwinding Roll	1000-2650mm
放卷直径	Max.1000mm	Diameter of Unwinding Material	Max.1000mm
收卷宽度	300-2500mm	Width of Rewinding	300-2500mm
收卷直径	Max.800mm	Diameter of Rewinding	Max.800mm

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SW3000 ADVANCED PRECISION INTELLIGENCE SLITTER

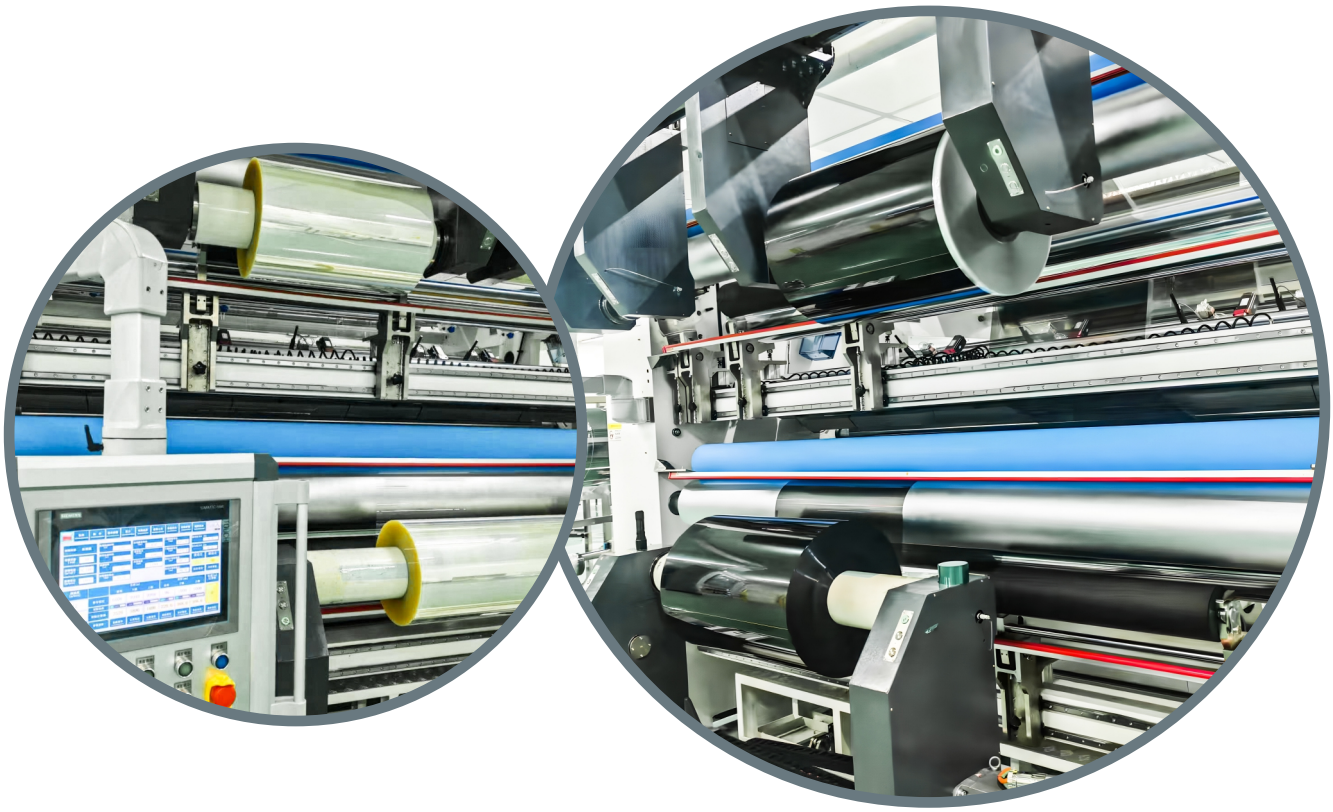
SW3000高端智能分切机



应用领域 Application Area

电子及光学材料 Electronic & Optical Material

- 偏光片 Polarizers
- 亚克力 PMMA
- 偏光片保护膜 Protective Film



产品参数 Product Parameters

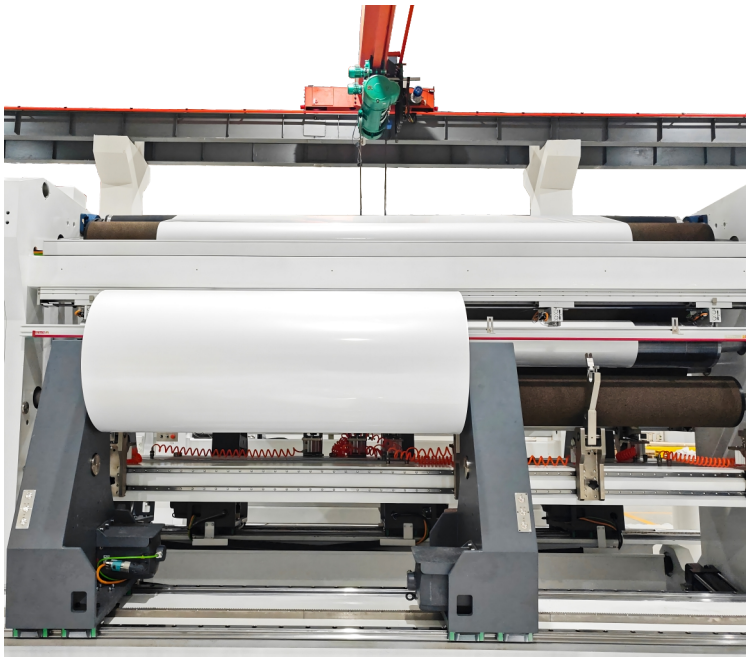
项目	参数	Item	Specification
材料厚度	偏光片: 100-200μm, PMMA: 20-80μm	Thickness of Material	Polarizers: 100-200μm, PMMA: 20-80μm
工作速度	Max.80m/min	Working Speed	Max.80m/min
张力范围	40-200N/m	Tension of Unwinding/Rewinding	40-200N/m
放卷宽度	800-2800m	Width of Unwinding Roll	800-2800m
放卷直径	Max.1100mm	Diameter of Unwinding Material	Max.1100mm
收卷宽度	400-2560mm	Width of Rewinding	400-2560mm
收卷直径	Max.1100mm	Diameter of Rewinding	Max.1100mm

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SW3500 STATIONARY HIGH-SPEED SLITTER

SW3500工位式高速分切机







应用领域 Application Area

特种纸及复合材料Special Paper and Laminates

- 合成纸 Polymer Paper
- 纱管纸 Bobbin Paper
- 镀铝纸 Metalized Paper
- 玻离纸 Cellophane Paper
- 利乐包材 Tetra Pak Packaging Material
- 特种不干胶 Special Adhesive Stickers

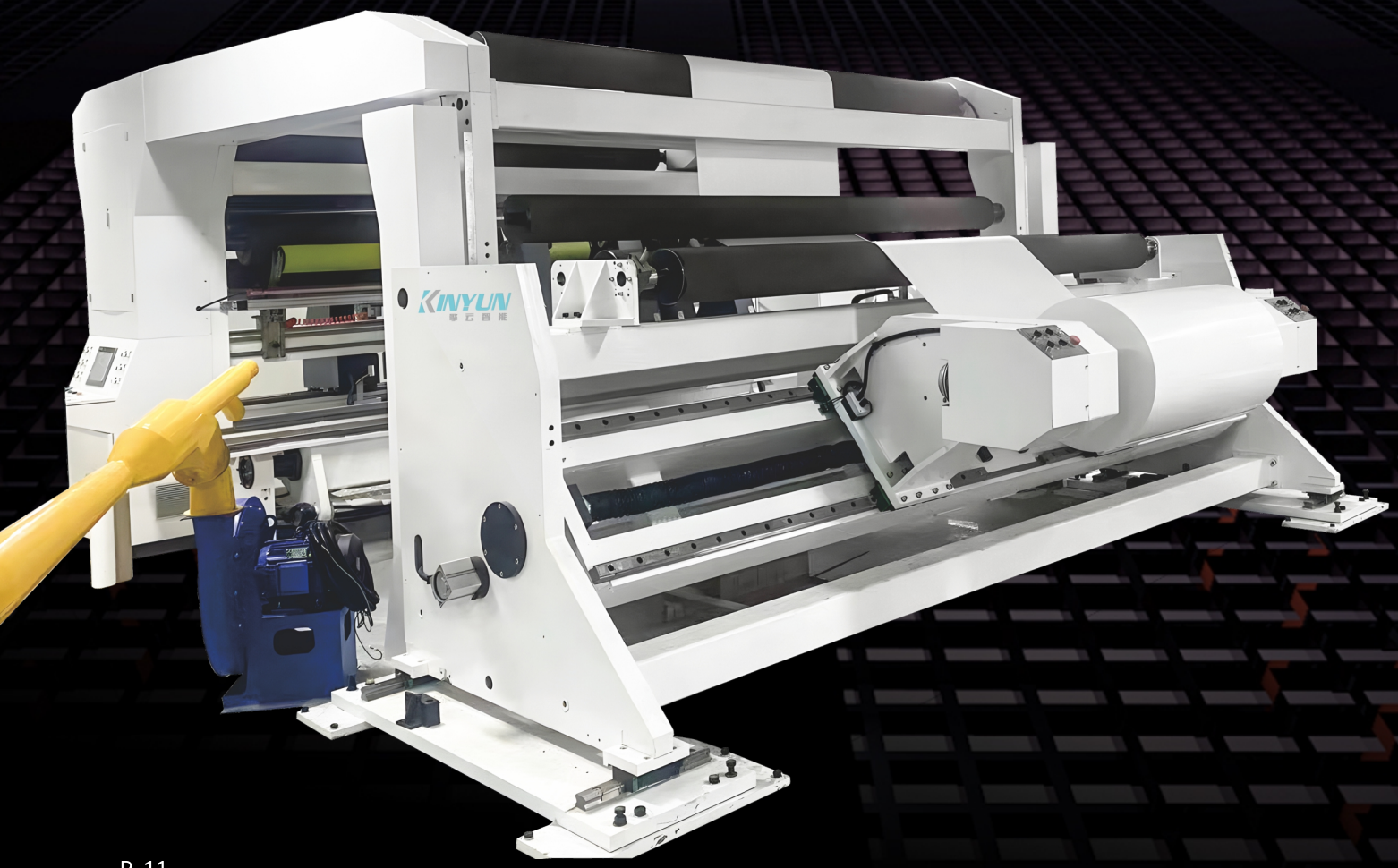
产品参数 Product Parameters

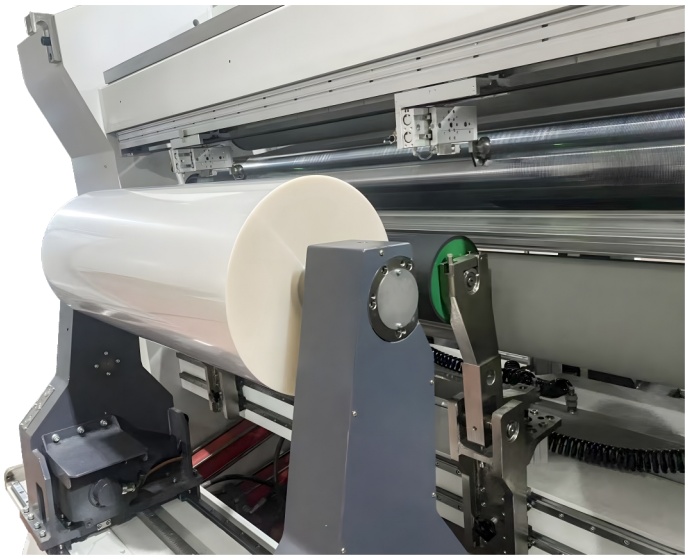
项目	参数	Item	Specification
材料厚度	25-300μm	Thickness of Material	25-300μm
工作速度	Max.600m/min	Working Speed	Max.600m/min
张力范围	80-300N/m	Tension of Unwinding/Rewinding	80-300N/m
放卷宽度	400-3300mm	Width of Unwinding Roll	400-3300mm
放卷直径	Max.1500mm	Diameter of Unwinding Material	Max.1500mm
收卷宽度	350-2800mm	Width of Rewinding	350-2800mm
收卷直径	Max.1500mm	Diameter of Rewinding	Max.1500mm

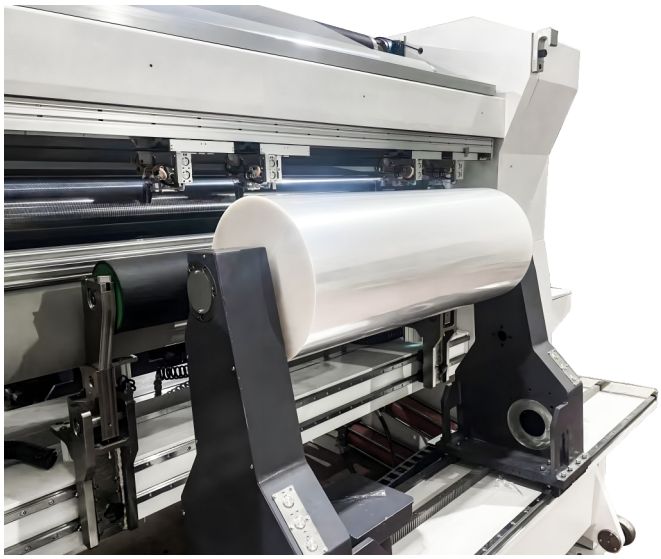
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SW4500 STATIONARY HIGH-SPEED SLITTER

SW4500工位式高速分切机







应用领域 Application Area

包装材料 Packaging Materials

- PET
- BOPP
- CPP
- PE
- 镀铝膜 Metalized Film
- 复合膜 Laminates
- …

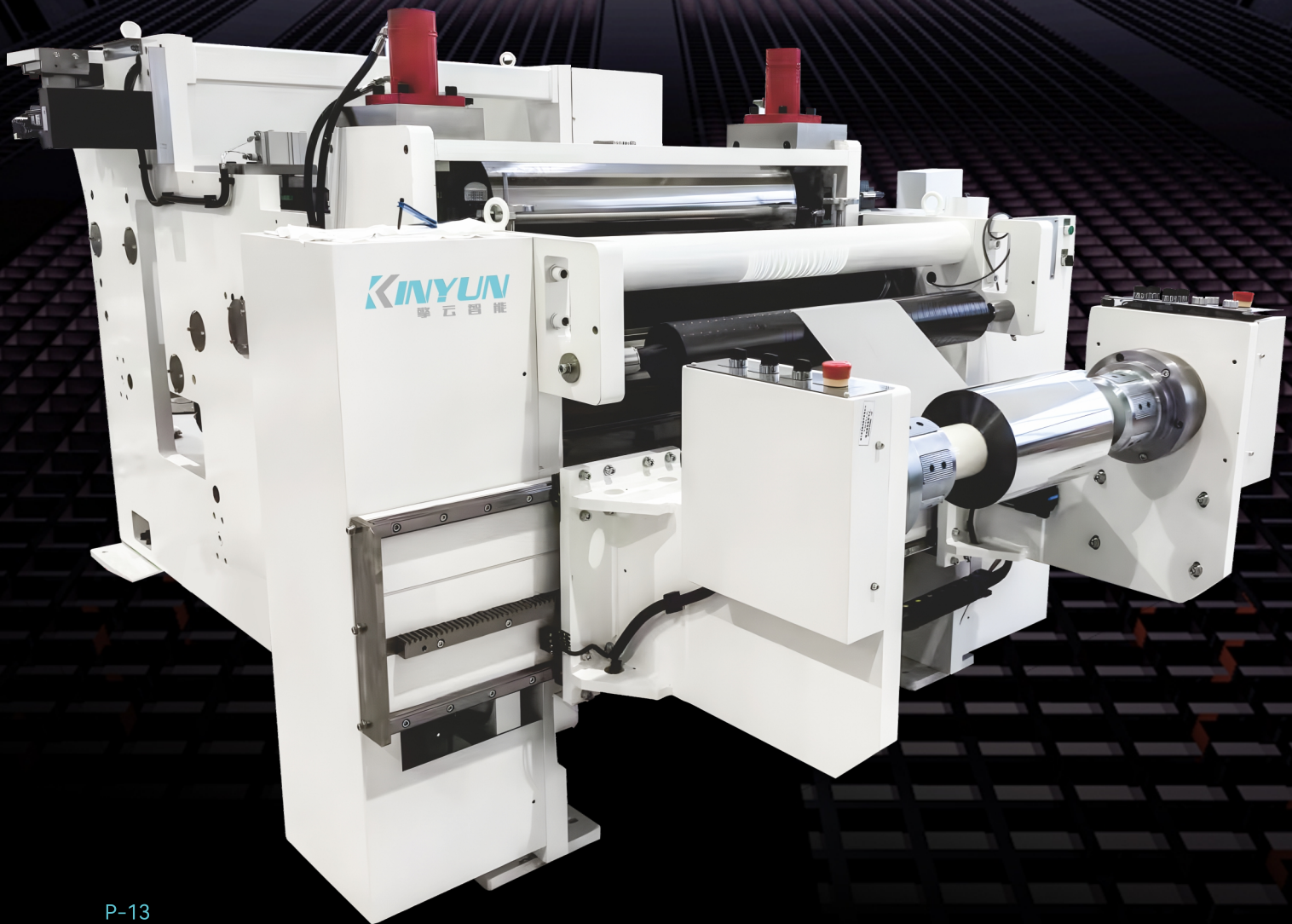
产品参数 Product Parameters

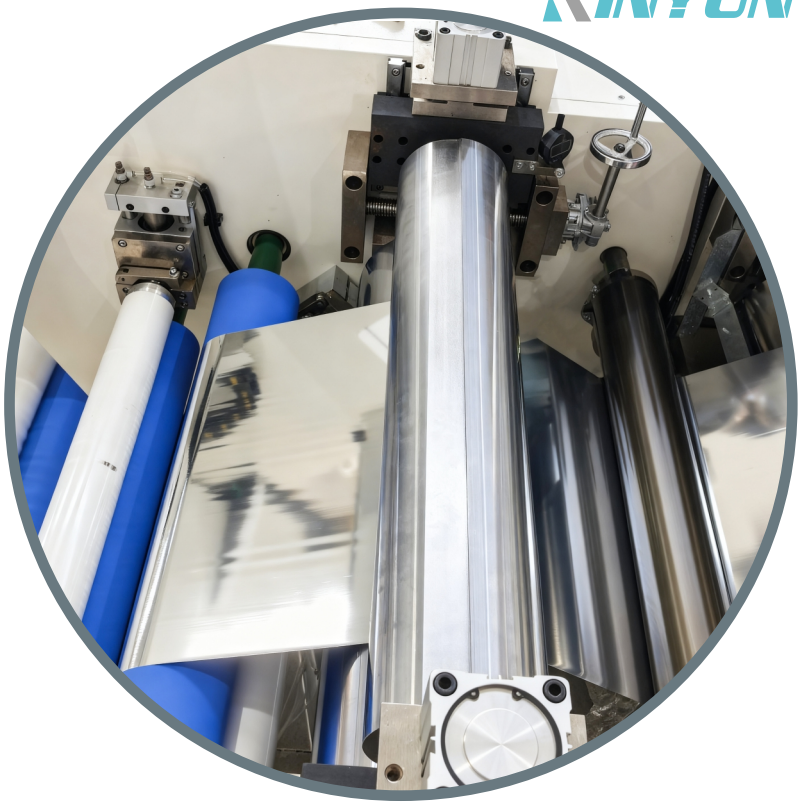
项目	参数	Item	Specification
材料厚度	6-75μm	Thickness of Material	6-75μm
工作速度	Max.1000m/min	Working Speed	Max.1000m/min
张力范围	70-150N/m	Tension of Unwinding/Rewinding	70-150N/m
放卷宽度	1200-10400mm	Width of Unwinding Roll	1200-10400mm
放卷直径	Max.1500mm	Diameter of Unwinding Material	Max.1500mm
收卷宽度	300-2500mm	Width of Rewinding	300-2500mm
收卷直径	Max.1200mm	Diameter of Rewinding	Max.1200mm

KINYUN

RW900 MA/MC CUSTOMIZED REWINDER

RW900复合铜铝箔专用复卷机





应用领域 Application Area

新能源材料 New Energy Material

- 复合集流体（复合铜箔/复合铝箔）
  Composite Current Collector(MA/MC)

产品参数 Product Parameters

项目	参数
材料厚度	PET、BOPP（3-12μm）+双面镀铜、镀铝（单面镀层厚度0.5-1.5μm）
工作速度	Max.250m/min
张力范围	40-160N/m
放卷宽度	150-800mm
放卷直径	Max.520mm
收卷宽度	150-800mm
收卷直径	Max.520mm

Item	Specification
Thickness of Material	PET、BOPP（3-12μm）+Double-Side Copper Coated、Double-Side Aluminum Coated (Single-Side Coating Thickness: 0.5-1.5μm)
Working Speed	Max.1000m/min
Tension of Unwinding/Rewinding	70-150N/m
Width of Unwinding Roll	1200-10400mm
Diameter of Unwinding Material	Max.1500mm
Width of Rewinding	300-2500mm
Diameter of Rewinding	Max.1200mm

PRODUCT DESIGN HIGHLIGHTS

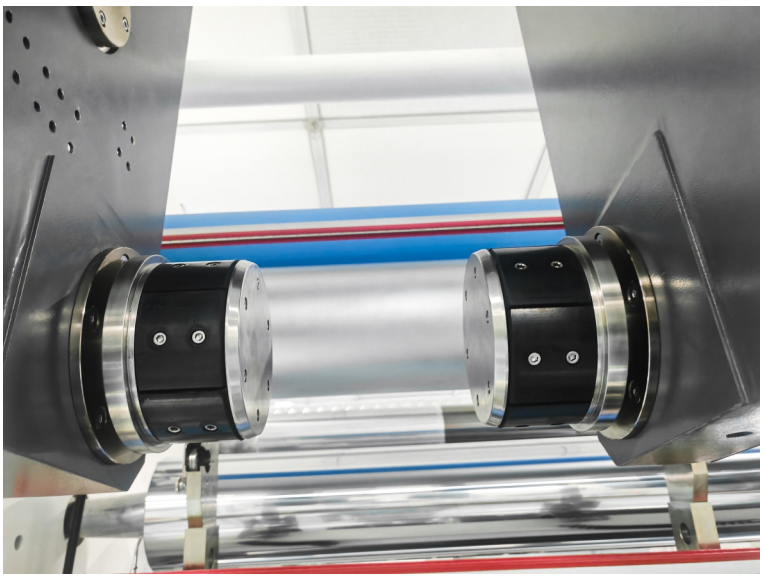
产品设计亮点

高精度收卷夹头设计
High-Precision Rewinding Chuck Design

采用特殊结构的收卷夹头，径向跳动小于0.05mm，显著提升收卷张力稳定性，确保卷材整齐、及底皱控制。

01

Equipped with a specially designed rewinding chuck with radial runout controlled ＜0.05mm, significantly enhancing rewinding tension stability and ensuring finish rolls with effective control of bottom wrinkles.

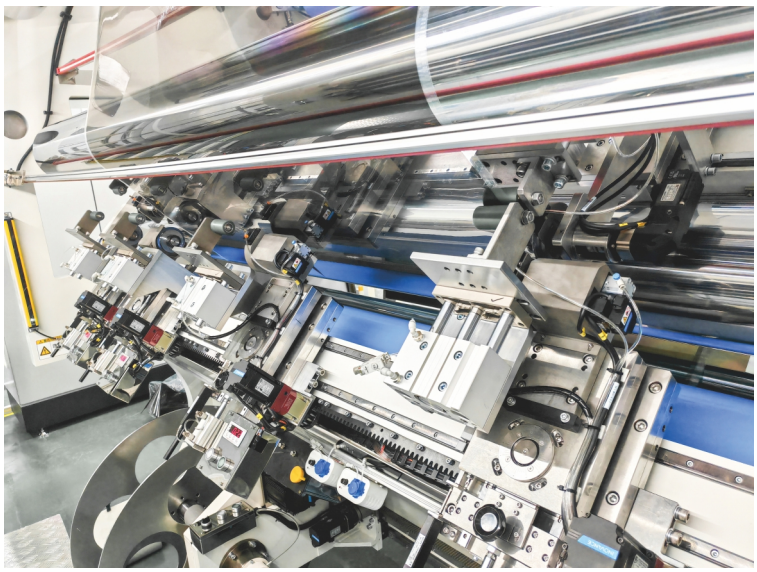


智能量化分切系统
Intelligent Quantitative Cutting System

分切刀组下刀深度等操作可设定后自动量化（XYZ三轴方向）：切刀径向与端面跳动均＜5μm。满足高端材料如：偏光片RTP分切达到直接出货标准；复合集流体材料的关键指标如毛刺、荷叶边、铜/铝粉控制等控制已经达到国际先进水平。

02

Equipped with a specially designed rewinding chuck with radial runout controlled ＜0.05mm, significantly enhancing rewinding tension stability and ensuring finish rolls with effective control of bottom wrinkles.





辊面工艺定制化处理
Customized Roller Surface Treatment

03

根据不同材料特性匹配专属辊面处理工艺，有效降低材料损伤。特殊结构设计确保收放卷全程无条纹，分切后在强光下无肉眼可见划伤。

Customized roller surface treatments are applied based on specific material properties to effectively minimize material damage. The specialized structural design ensures a streak-free process throughout rewinding and unwinding, with no visible scratches under strong light after cutting.



自动调刀系统
Automatic Knife Adjustment System

04

每把刀架通过直线电机移动（定位精度±0.1mm），可在触摸屏上设置规格参数。

Each knife holder is driven by linear motors (positioning accuracy: ±0.1mm), and specification parameters can be set via the touchscreen interface.



合作展望
COOPERRATION PROSPECT

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设备外观及功能持续迭代升级中，敬请期待！具体要求可根据客户需求量身定制。

Evolution in progress. We are continually advancing the design and functionality of our machine. All features can be customized to meet your needs.