

专注高精度裁剪系统

YYC focus on high precision cutting system

YY TECHNOLOGY PRODUCTS CATALOGUE



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广东元一科技实业有限公司

GUANGDONG YYC SCIENTIFIC AND INDUSTRIAL CO., LTD

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元-科技 | 自主钻研科技创新

YY TECHNOLOGY | Independent Research Technology Innovation

元一自成立以来，一直重视技术革新和产品研发。

截止目前为止，已向国家申请专利总数120多项，

其中国家发明专利80多项，其他专利和荣誉不计其数。

Since YYC' established, we have focused on the technology innovation & product R & D.

Up to now, the total number of patents applied has been nearly 120, Among them, there are more than 80 national invention patents, and countless other patents and honors.



关于元一

广东元一科技实业有限公司是一家专业从事高精度裁剪系统研制的高新技术企业，产品涉及自动铺布机，高精度电脑裁床及智能裁剪应用技术等，是目前全球少数几家拥有完整自主知识产权，产销量名列前茅的自动裁剪设备制造商之一。

GUANGDONG YYC SCIENTIFIC AND INDUSTRIAL CO., LTD is a high-tech enterprise specializing in the development and production of high-precision cutting system. The main products include auto spreaders, high-precision computerized cutters, etc. Our company is one of the few manufacturers in the world that has complete independent intellectual property right and realize mass production of automatic cutting equipment on a large scale.

通过在高端裁剪系统领域的不断投入与努力，元一现已成为全球产量领先的智能铺布机生产基地，并凭借以“刀智能”为代表的高端裁剪应用技术跻身全球自动裁剪第一梯队品牌。

Through continuous investment and efforts in the field of high-end cutting system, our company has become the world-leading production base of intelligent spreaders, and with "Blade Technology Intelligence" as the representative of the high-end technology leap one of the automatic cutting the first echelon brand in the world.



V9[S] II

极致性能, 超高精度裁剪模范, 将生产效率提升至新高度。

Extreme performance, ultra-high precision cutting model, improve production efficiency to a new level.

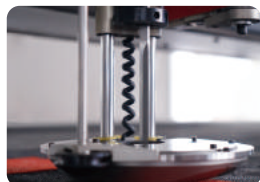


选配装置
Optional Device

- 空芯双打孔装置
Double Hollow Punching Device
- 定刀装置
Fixed Knife Device
- 物联网装置
IoT Device
- 空芯单打孔装置
Single Hollow Punching Device
- 冷却装置
Cooling Device



智能触摸屏
SMART Touch Screen



刀智能
Blade Intelligent



智能磨刀系统
Intelligent Blade Grinding System



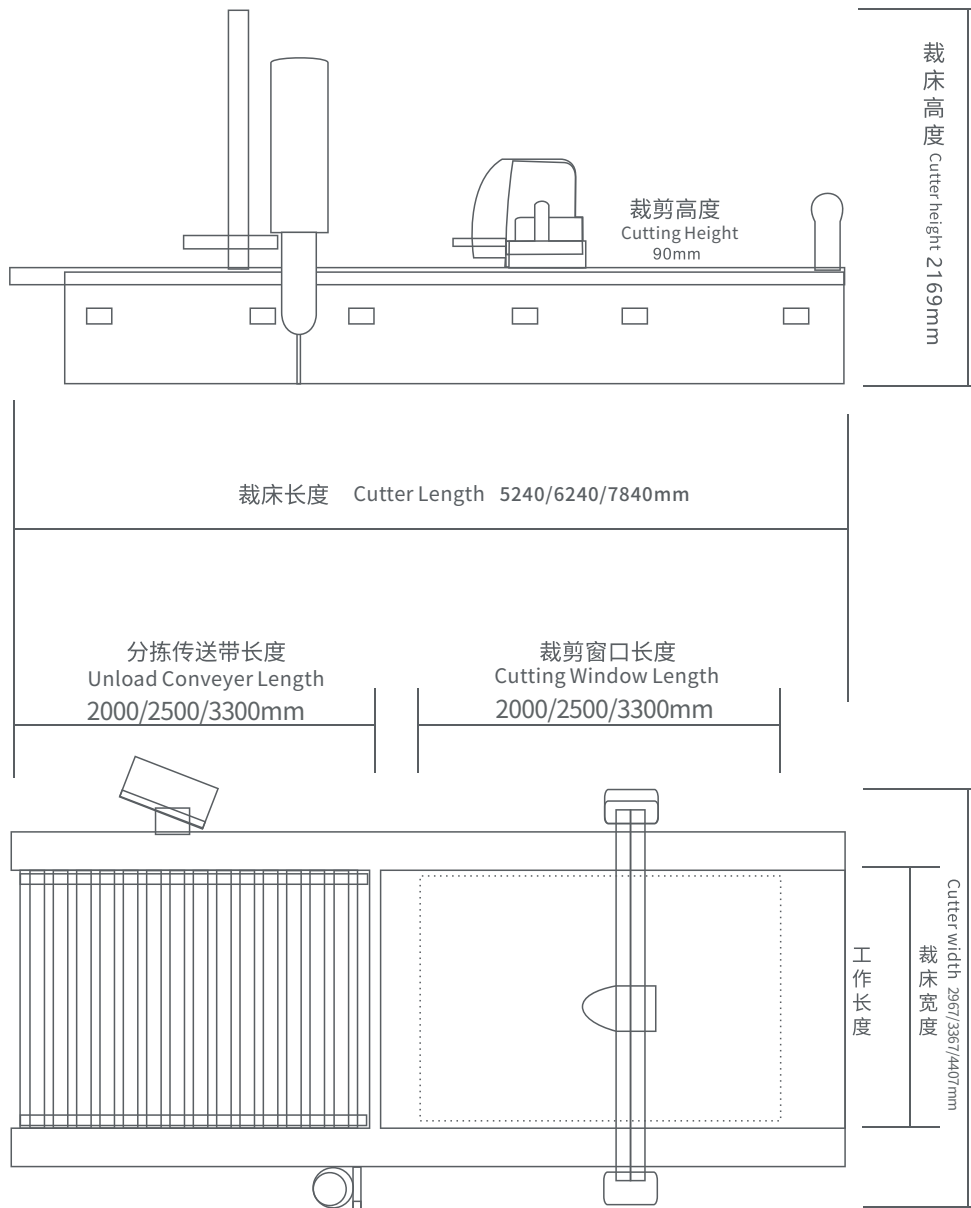
高效裁头
High-efficiency Cutting System



一体式腔体
One-piece Structure

外观平面图

Dimension plane



裁床基本参数 V9[®]II

Cutter Basic Parameters

工作宽度 Working Width	裁剪窗口长度 Cutting Window length	拣料传送长度 Unload Conveyor Length	最大切割高度 Max Cutting Height	最大速度 Max Speed	最大加速度 Max Acceleration
1.6m/2.0m/2.2m/2.6m	2.0m/2.5m/3.3m	2.0m/2.5m/3.3m	90毫米(真空压缩后) 90mm (After Vacuum Compression)	100m/min	1.5g

最大转速 Max Speed	平均产量(视情况而定) Average Yield (Depending On The Situation)	最大刀头加速度 Max Cutter Head Acceleration	裁台重量 Cutting Weight	工作台高度 Cutter Height	刀智能 Blade Intelligent
6000rpm	13m/min	2.5m/s ²	4200kg	850mm	标配(Standard)

V9 E

独具匠心, 进步不止!
全新工业设计, 科技感与高品质机床融为一体。

Great originality, keep moving!
Brand-new industrial design, integrated a sense of science and technology with high-quality machine tools.

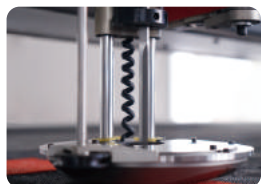


选配装置
Optional device

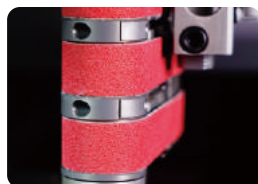
- **空芯双打孔装置**
Double Hollow Punching Device
- **定刀装置**
Fixed Knife Device
- **物联网装置**
IoT Device
- **空芯单打孔装置**
Single Hollow Punching Device
- **冷却装置**
Cooling Device



智能触摸屏
SMART Touch Screen



刀智能
Blade Intelligent



智能磨刀系统
Intelligent Blade Grinding System



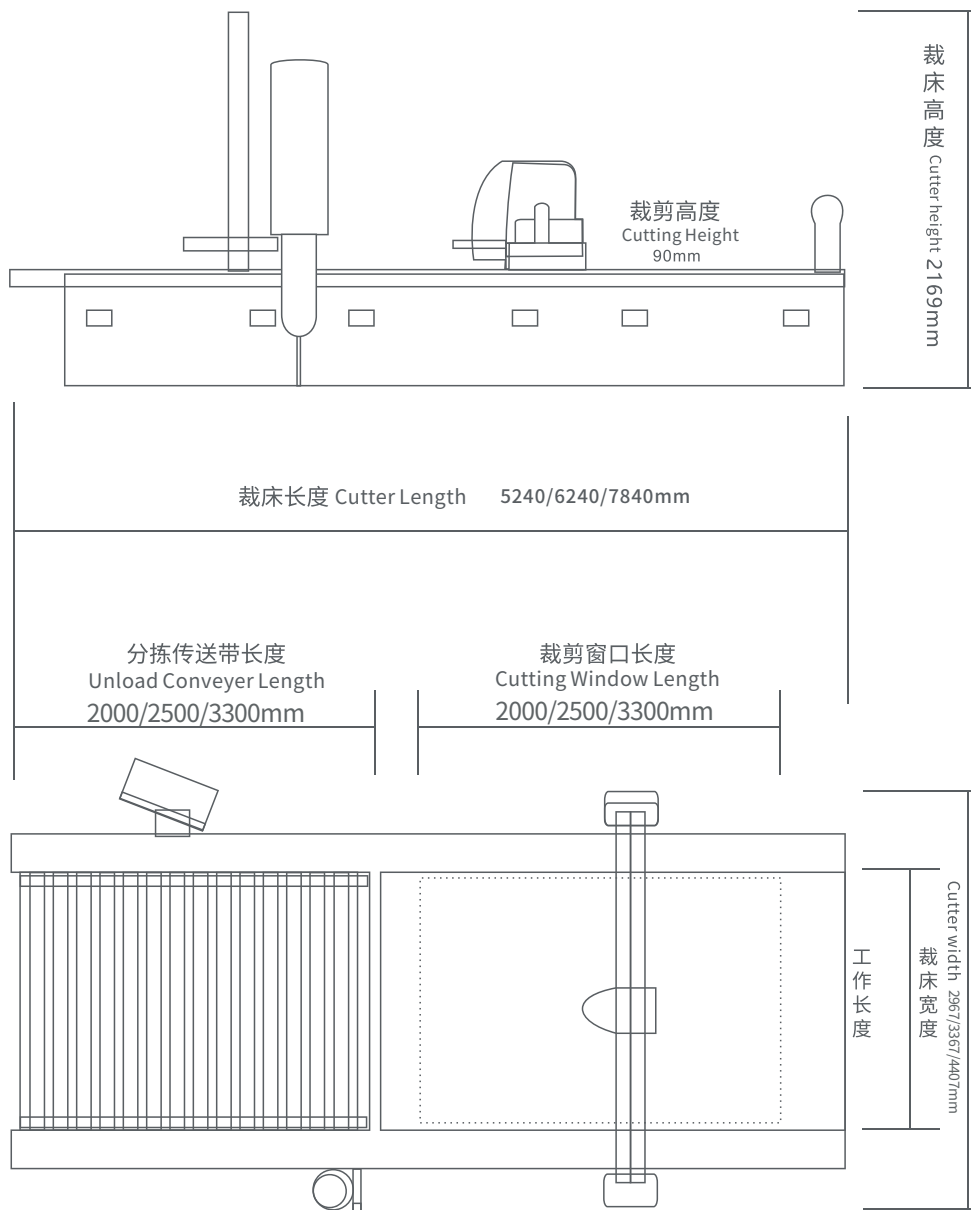
高效裁头
High-efficiency Cutting System



一体式腔体
One-piece Structure

外观平面图

Dimension plane



裁床基本参数 V9®

Cutter basic parameters

工作宽度 Working Width	裁剪窗口长度 Cutting Window Length	拣料传送长度 Unload Conveyer Length	最大切割高度 Max Cutting Height	最大速度 Max Speed	最大加速度 Max Acceleration
1.6m/2.0m/2.2m/2.6m	2.0m/2.5m/3.3m	2.0m/2.5m/3.3m	90毫米(真空压缩后) 90mm (After vacuum compression)	100m/min	1.5g

最大转速 Max Speed	平均产量(视情况而定) Average Yield (Depending On The Situation)	最大刀头加速度 Max Cutter Head Acceleration	裁台重量 Cutting Weight	工作台高度 Cutter Height	刀智能 Blade Intelligent
5000rpm	13m/min	2.5m/s ²	3900kg	850mm	标配(Standard)

V8 E

追求极致裁剪质量, 兼顾耐用稳定的硬件性能, 性价比首选。

Pursuit of ultimate cutting quality, the first choice for high cost performance.



选配装置
Optional device

■ 空芯双打孔装置
Double Hollow Punching Device

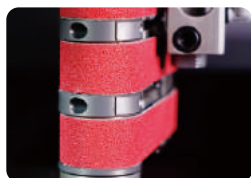
■ 物联网装置
IoT Device

■ 空芯单打孔装置
Single Hollow Punching Device

■ 冷却装置
Cooling Device



智能触摸屏
SMART Touch Screen



智能磨刀系统
Intelligent Blade Grinding System



高效裁头
High-efficiency Cutting System



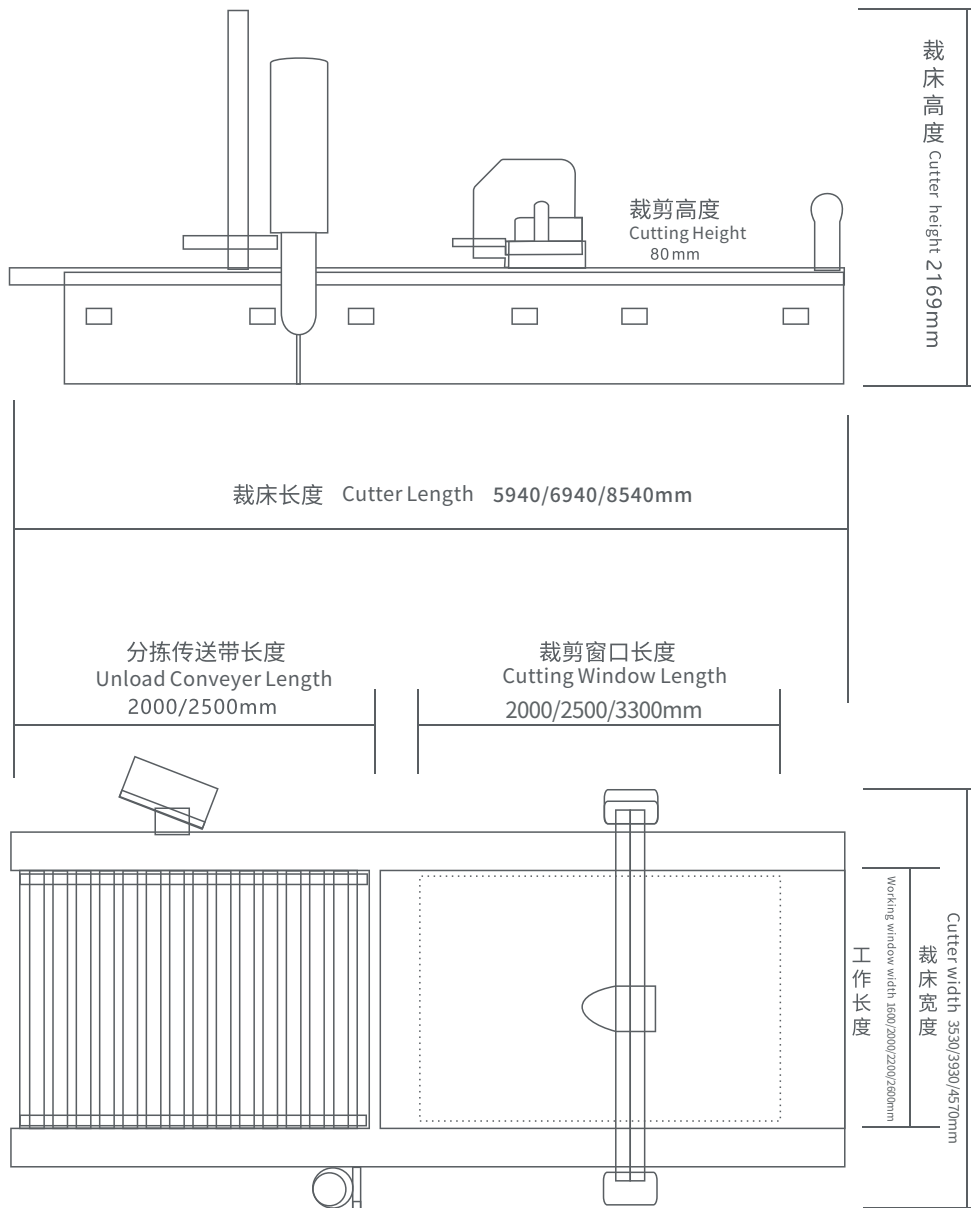
打孔装置
Punching Device System



一体式腔体
One-piece Structure

外观平面图

Dimension plane



裁床基本参数 V8

Cutter Basic Parameters

工作宽度 Working Width	裁剪窗口长度 Cutting Window Length	拣料传送长度 Unload Conveyor Length	最大切割高度 Max Cutting Height	最大速度 Max Speed	最大加速度 Max Acceleration
1.6m/2.0m/2.2m/2.6m	2.0m/2.5m/3.3m	2.0m/2.5m/3.3m	80毫米(真空压缩后) 80mm (After Vacuum Compression)	100m/min	1.5g

最大转速 Max Speed	平均产量(视情况而定) Average Yield (Depending On The Situation)	最大刀头加速度 Max Cutter Head Acceleration	裁台重量 Cutting Weight	工作台高度 Cutter Height
4500rpm	12m/min	2.5m/s ²	3900kg	850mm

V6

高端多层裁床, 适应中大批量、普通面料、复合材料的高强度裁剪作业, 可选配“刀智能”套件。

High-end multi-layer cutter, which is particularly designed for robust and heavy duty work for bulk of regular and composite fabrics, optional with “Blade Intelligent”.



选配装置
Optional device

- 空芯单打孔装置
Single Hollow Punching Device
- 刀智能装置
Blade Intelligent
- 冷却装置
Cooling Device
- 空芯双打孔装置
Double Hollow Punching Device
- 物联网装置
IoT Device
- 定刀装置
Fixed Knife Device



智能触摸屏
SMART Touch Screen



打孔装置
Punching Device System



智能磨刀系统
Intelligent Blade Grinding System



高效裁头
High-efficiency Cutting System

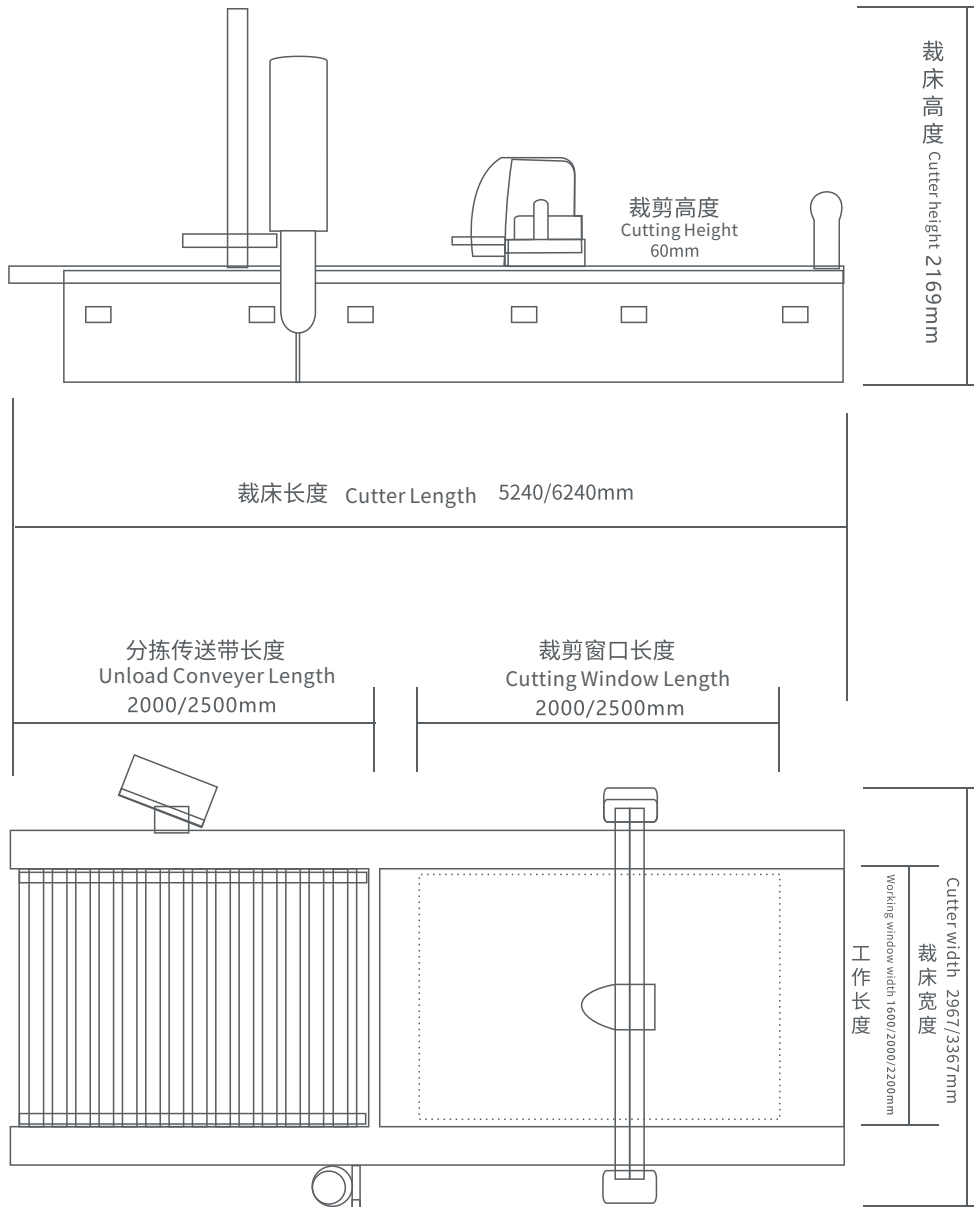


One-piece Structure

一体式腔体
One-piece Structure

外观平面图

Dimension plane



裁床基本参数 V6

Cutter Basic Parameters

工作宽度 Working Width	裁剪窗口长度 Cutting Window Length	拣料传送长度 Unload Conveyor Length	最大切割高度 Max Cutting Height	最大速度 Max Speed	最大加速度 Max Acceleration
1.6m/2.0m/2.2m	2.0m/2.5m	2.0m/2.5m	60毫米(真空压缩后) 60mm (After Vacuum Compression)	100m/min	1.5g
最大转速 Max Speed	平均产量(视情况而定) Average Yield (Depending On The Situation)	最大刀头加速度 Max Cutter Head Acceleration	裁台重量 Cutting Weight	工作台高度 Cutter Height	刀智能 Blade Intelligent
6000rpm	12m/min	2.5m/s ²	4200kg	850mm	选配(Standard)

P5s

配备双刀盘双冷却系统，只为带涂层、箱包、医疗面料的极致裁剪。

Equipped with double cutter heads and double cooling system, only for the ultimate cutting of coated, luggage, medical fabrics.



选配装置
Optional device

■ **空芯单打孔装置**
Single Hollow Punching Device

■ **物联网装置**
IoT Device



智能触摸屏
SMART Touch Screen



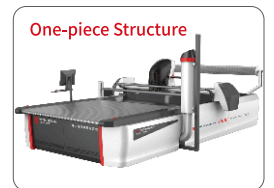
双刀盘、双冷却系统
Double Cutter Head
Double Cooling System



智能磨刀系统
Intelligent Blade
Grinding System



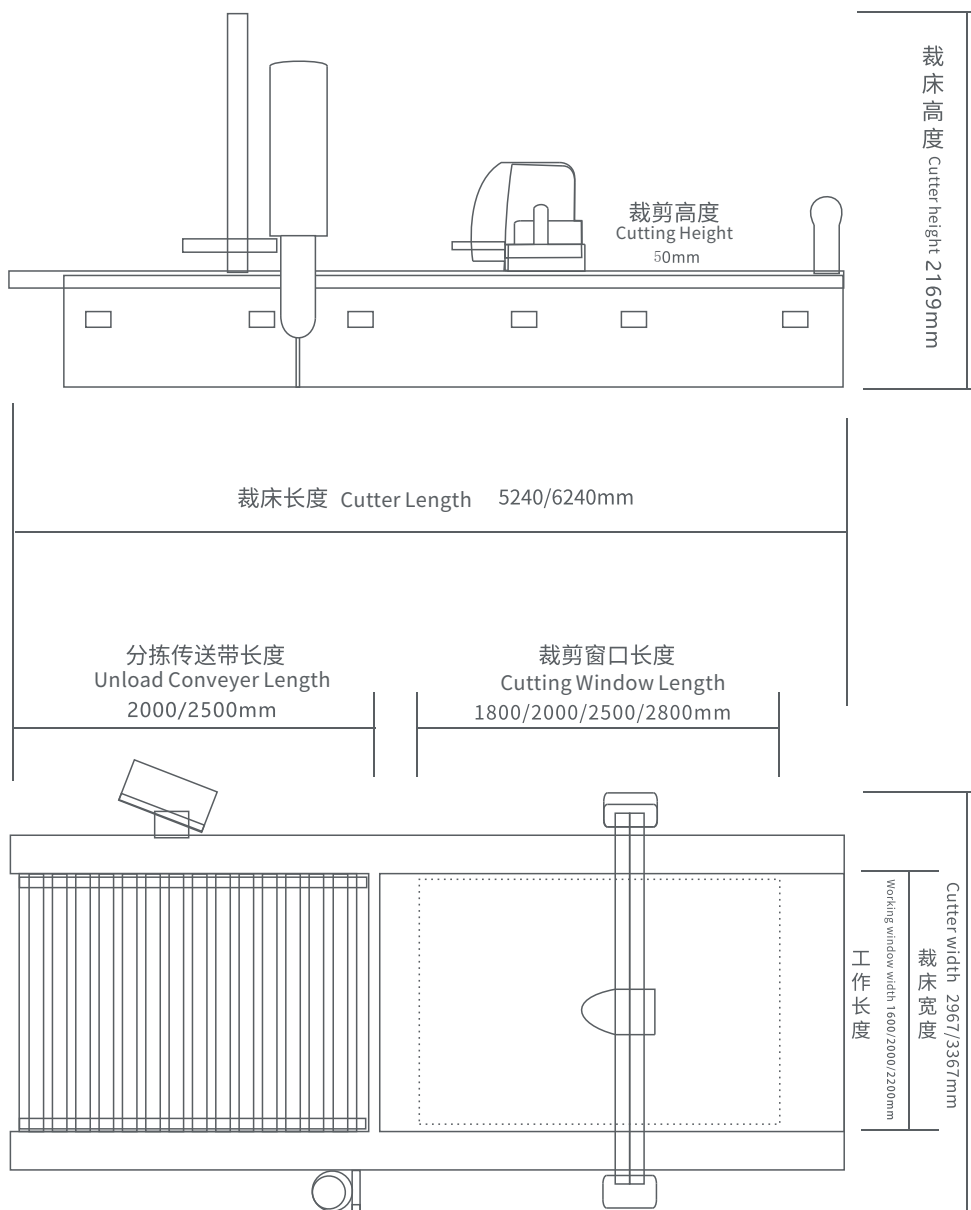
高效裁头
High-efficiency
Cutting System



一体式腔体
One-piece Structure

外观平面图

Dimension plane



裁床基本参数 P5

Cutter Basic Parameters

工作宽度 Working width	裁剪窗口长度 Cutting Window Length	送料传送长度 Unload Conveyer Length	最大切割高度 Max Cutting Height	最大速度 Max Speed	最大加速度 Max Acceleration
1.6m/2.0m/2.2m	2.0m/2.5m	2.0m/2.5m	50毫米(真空压缩后) 50mm (After Vacuum Compression)	100m/min	1.5g

最大转速 Max Speed	平均产量(视情况而定) Average Yield (Depending On The Situation)	最大刀头加速度 Max Cutter Head Acceleration	裁台重量 Cutting Weight	工作台高度 Cutter Height
6000rpm	12m/min	2.5m/s ²	4200kg	850mm

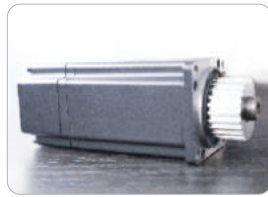
Y5 S

开创针、梭织两用时代，一机两用，适用面广。

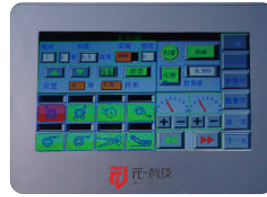
Create-a dual-use era of knitted and woven fabrics,
which can be used in a wide range of applications.



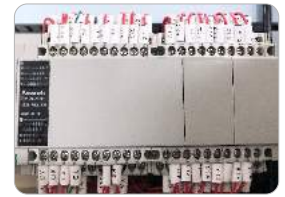
自动拨边装置
Automatic Edge
Shifting Device



自动伺服送布
Automatic
Servo feeding



人机交互界面
Interactive Interface



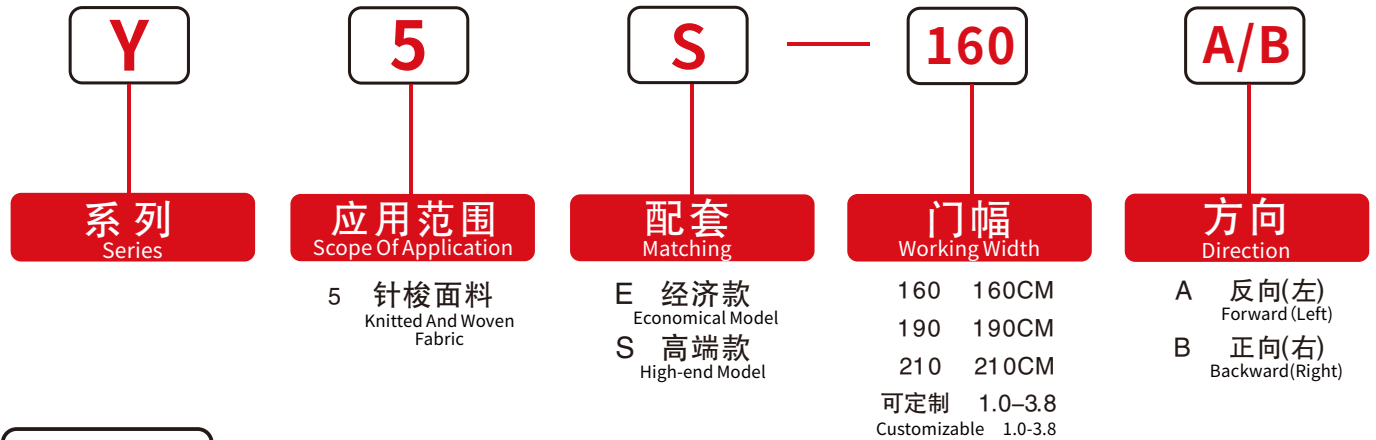
PLC控制系统
PLC Control System

自动铺布机

AUTO SPREADING MACHINE

编码规则

Encoding Rules



选配装置

Optional Device

- 双拉移固折器装置 Fixed And Movable Device
- 加大布斗850MM Bigger Cloth Container 850MM
- 压解布滚轮装置 Fabric Roller Device
- 自动扫滚风装置 Automatic Swept Roller Device
- 安全防撞装置 Safety Anti-collision Device
- 多道拨边装置 Multiple Edge Shifting Device
- 单拉压布装置 Fabric Hold-down Device
- 双拉折叠装置 Zigzag Folding Device
- 加高300MM Heighten 300mm
- 物联网装置 IoT Device
- 除静电装置 Static Elimination Device
- 遥控装置 Remote Control Device
- 站人平台 Operator Platform

设备型号

Model Y5S-160 Y5S-190 Y5S-210 家纺Home textile

铺布宽度

Maximum Cloth Width 1600mm 1900mm 2100mm 可定制customizable

最大布卷直径

Diameter Of Cloth Roll(max) 450mm(最大可定制至850mm) Customized to 850mm

最大布卷重量

Weight Of Cloth Roll(max) 80kg

最大驱动速度

Drive Speed(max) 106m/min

最大铺布高度

Lay Height(max) 单拉230mm(可加高至300mm)/双拉160mm (One-way 230mm(Can be increased to 300mm)/Zigzag 160mm)

电源功率

Power Supply 1P 220V/50Hz 1Kw

裁板宽度

Table Width 1830mm 2130mm 2330mm 可定制Customized

机器尺寸(长*宽*高)

Machine Dimension 1900*2300*1250 1900*2600*1250 1900*2800*1250 可定制Customized (L*W*H mm)

Y3 S

适用于梭织面料的高效铺布机,可配备“单压装置”,
轻松实现单人值守,高效、省人工。

High-efficiency spreader for woven fabrics,can equip with“fabric hold-down device”,
Easy to achieve single-person duty,efficient and labor-saving.



光电智能防撞
Photoelectric Anti-collision
Device(optional)



自动伺服送布
Automatic
Servo feeding



人机交互界面
Interactive Interface

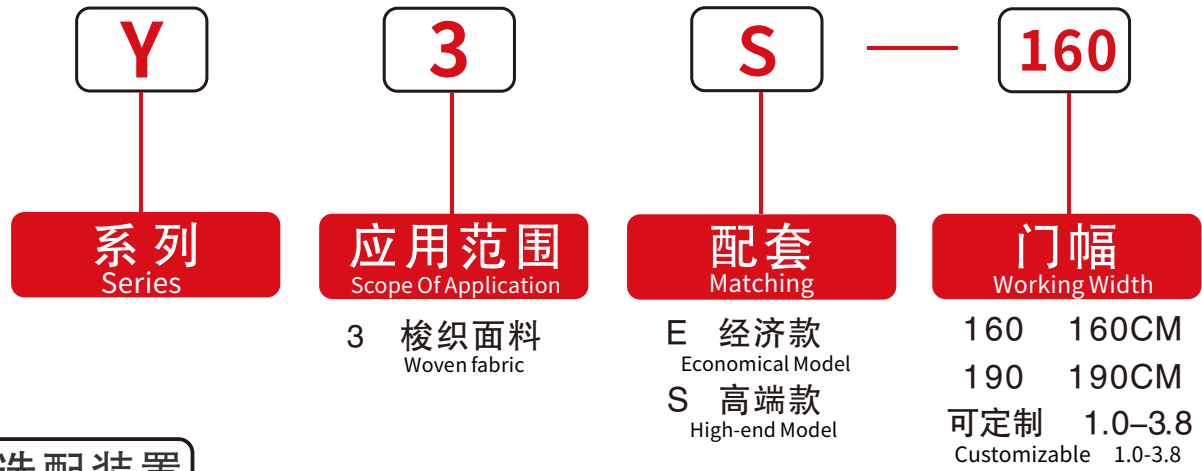


PLC控制系统
PLC Control System

自动铺布机

AUTO SPREADING MACHINE

编码规则 Encoding Rules



选配装置 Optional Device

- 安全防撞装置
Safety Anti-collision Device
- 除静电装置
Static Elimination Device
- 压解布滚轮装置
Fabric Roller Device
- 自动扫滚风装置
Automatic Swept Roller Device
- 遥控装置
Remote Control Device
- 物联网装置
IoT Device

设备型号

Model

Y3S-160

Y3S-190

铺布宽度

Maximum Cloth Width

1600mm

1900mm

最大布卷直径

Diameter Of Cloth Roll(max)

450mm

最大布卷重量

Weight Of Cloth Roll(max)

80kg

最大驱动速度

Drive Speed(max)

106m/min

最大铺布高度

Lay Height(max)

单拉230mm/双拉160mm(One-way 230mm/Zigzag 160mm)

电源功率

Power Supply

1P 220V/50Hz 1Kw

裁板宽度

Table Width

1830mm

2130mm

机器尺寸(长*宽*高)

Machine Dimension
(L*W*H mm)

1900*2300*1250

1900*2600*1250

Y7

专为蕾丝花边而生，
完美实现花边自动对边铺布作业，高效省人工。

Designed for lace, perfectly realizes lace automatic
edge-to-edge work, saving labor cost.



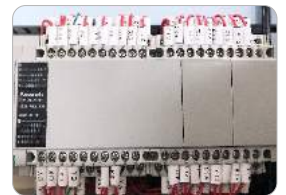
花边机专用置布架
Lace Machine
Special Cloth rack



自动伺服送布系统
Automatic Servo
feeding System



人机交互界面
Interactive Interface



PLC控制系统
PLC Control System

自动花边机

LACE MACHINE

编码规则

Encoding Rules

Y

系列

Series

7

应用范围

Scope of application

7 花边布料
Lace

S

配套

Matching

E 经济款
Economical Model

S 高端款
High-end Model

035

门幅

Working Width

18-35CM

选配装置

Optional Device

■ 遥控装置
Remote Control
Device

■ 物联网装置
IoT Device

设备型号

Model

Y7S-035

铺布宽度

Maximum Cloth Width

30-350mm

最大布卷直径

Diameter Of Cloth Roll(max)

300mm

最大驱动速度

Drive Speed(max)

60m/min

最大铺布高度

Lay Height(max)

单拉100mm(One-way 100mm)

电源功率

Power Supply

1P220V/50Hz 1Kw

裁板宽度

Table Width

720mm

机器尺寸(长*宽*高)

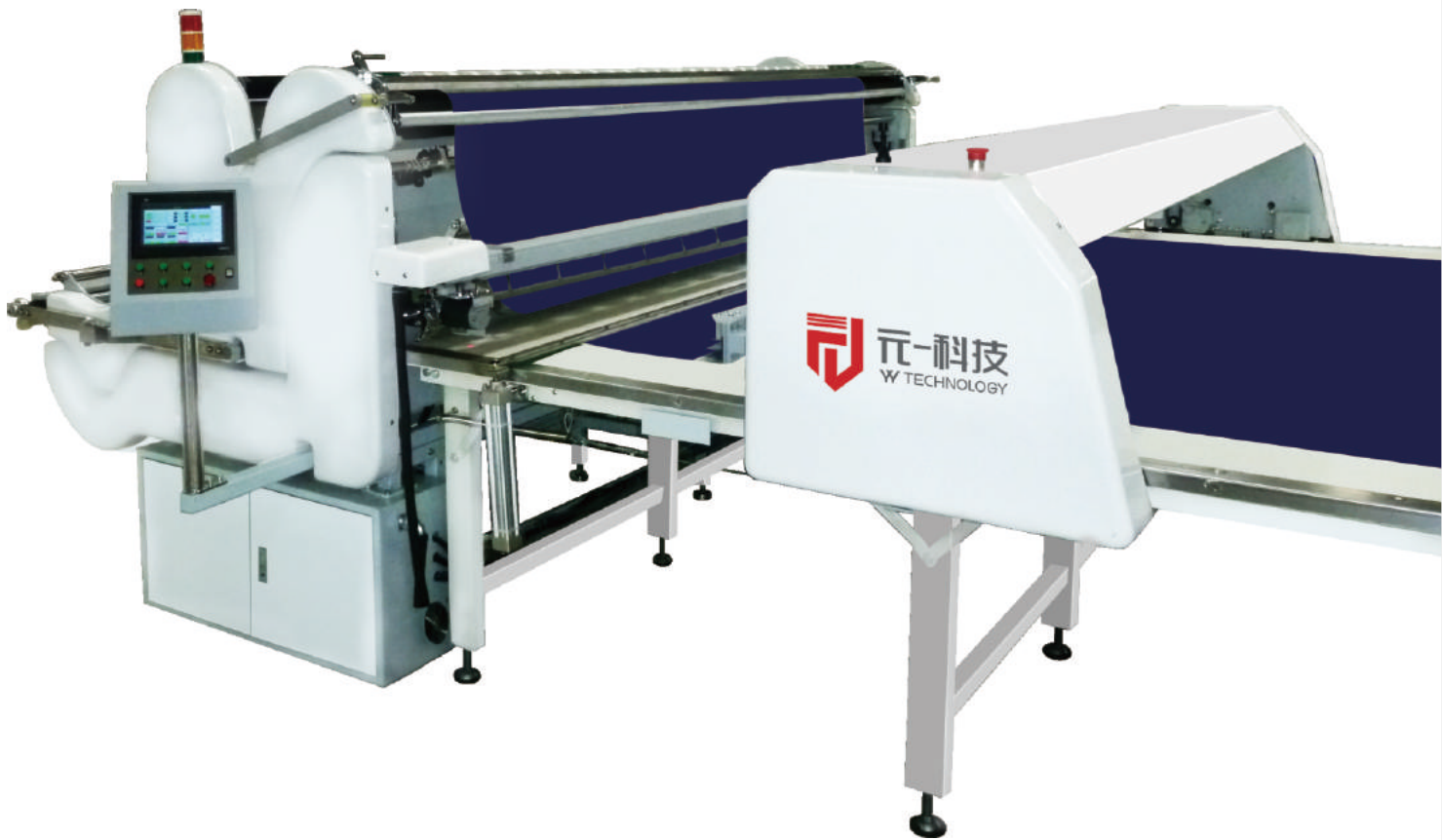
Machine Dimension
(L*W*H mm)

1200*1500*800

W10

适用于座椅、箱包、户外家居(家具)、医疗用品的自动铺布‘神器’。

The automatic spreader “artifact” is suitable for seats, bags, outdoor furnitures and medical products.



自动铺布机

AUTO SPREADING MACHINE

编码规则

Encoding Rules

W

系列

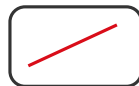
Series

10

应用范围

Scope Of Application

10 箱包、车垫
Bags, Car Mats



配套

Matching

E 经济款
Economical Model

S 高端款
High-end Model

M 独立送布系统
Independent Feeding System



门幅

Working Width

选配装置

Optional Device

■ 遥控装置
Remote Control Device

■ 物联网装置
IoT Device

设备型号

Model

W10

铺布宽度

Maximum Cloth Width

1600mm / 1900mm / 2100mm / 可定制 Customizable

布卷直径

Maximum Cloth Width

常规 450mm

1200mm(M)

最大驱动速度

Drive Speed(max)

96m/min

布卷重量

Weight Of Cloth Roll

常规 80kg

400kg(M)

最大铺布高度

Lay Height(max)

单拉150mm(One-way 150mm)

电源功率

Power Supply

1P 220V/50Hz 1Kw

裁板宽度

Table Width

1830mm / 2130mm / 2330mm

机器尺寸(长*宽*高)

Machine Dimension

(L*W*H mm)

2390*1660*1600

YS3

自动上布 **轻便小巧**

Automatic cloth loading and convenient.



设备型号 Model	YS3-160	YS3-190	YS3-210	可定制customizable
最大上布上限 Upper limit(max)			1400mm	
最大降布下限 Lower limit(max)			370mm	
电源功率 Power Supply			380V/0.75KW	
放布台 Release Table	1820*650mm	2120*650mm		2320*650mm
机器尺寸(长*宽*高) Machine Dimension (L*W*H mm)	2000*650*2040	2300*650*2040		2500*650*2040

YS1-160(190/210)

自动松布 高效稳定

Automatic cloth loose, efficient and stable.



设备型号 Model	YS1-160	YS1-190	YS1-210	可定制customizable
松布宽度 Relaxing Width	1600mm	1900mm	2100mm	
松布速度 Relaxing Speed	0-95m/min			
电源功率 Power Supply	220V/370W			
机身尺寸(长*宽*高) Machine Dimension (L*W*H mm)	2500 (3100) * 750 * 1200			