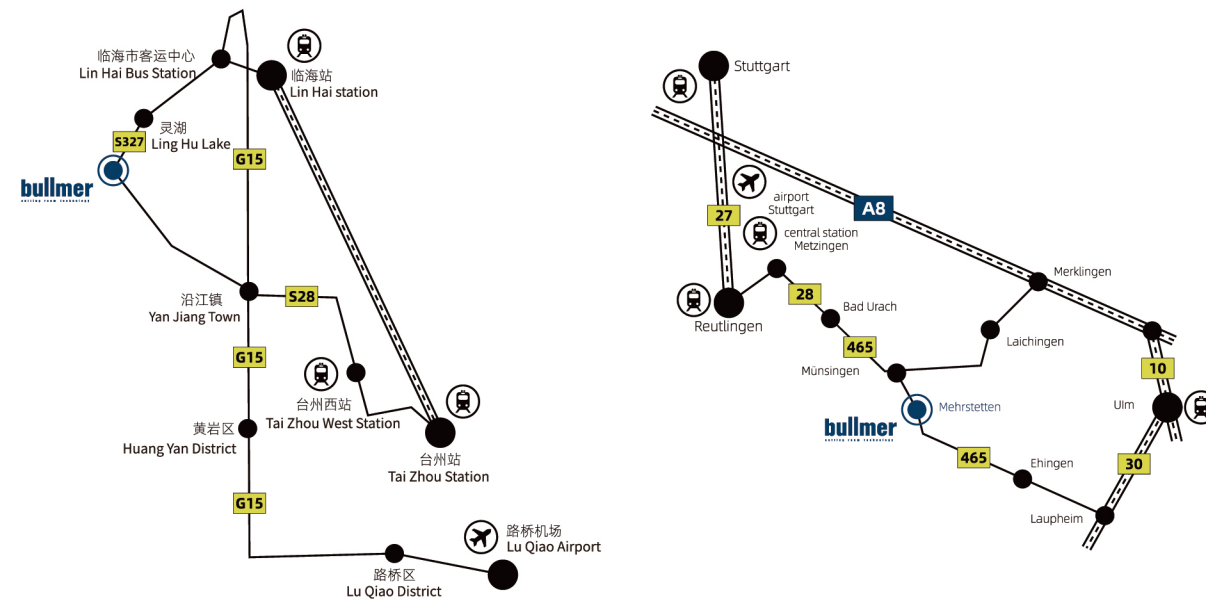
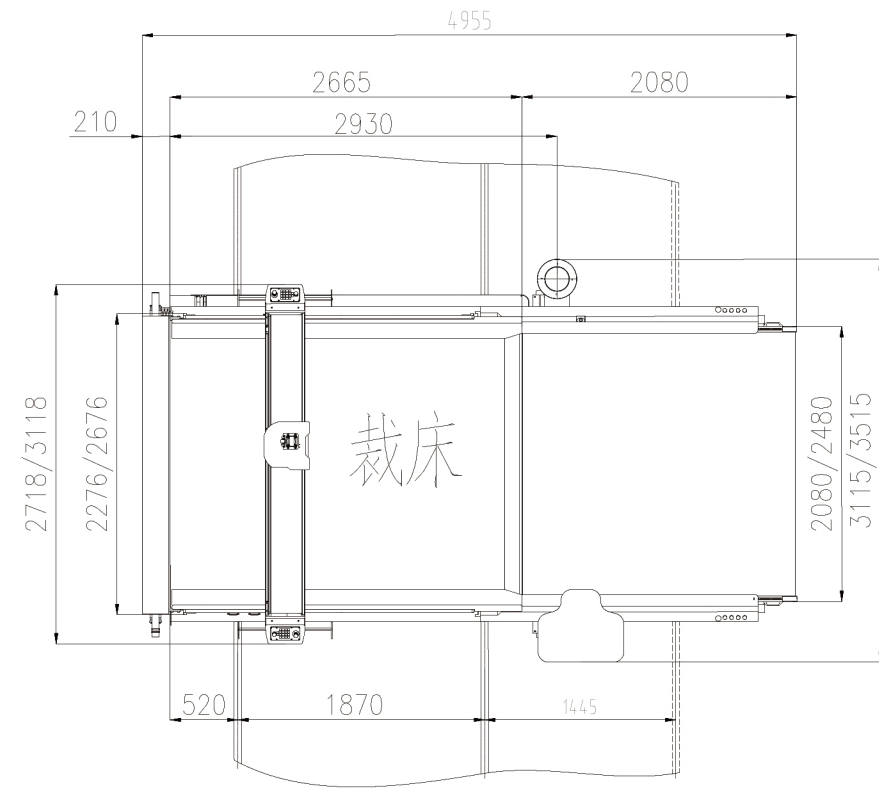


TECHNICAL PARAMETER
技术参数

单位:mm
Unit:mm



裁剪范围 Cutting Range	
1818/1822	
机台高度 Machine Height	
80cm、85cm、87cm、91cm	
最大裁剪高度 Max. Cutting Height	最大定位速度 Max. Positioning Speed
9cm	107m/min
最大刀频 Max. Knife Frequency	最大真空负压 Max. Vacuum Pressure
6000r/min	-18Kpa
供气压力 Air Compression	整机功率 Machine Power
≥0.6Mpa	50kw
最大加速度 Max. Acceleration	机器重量 Machine Weight
10m/s ²	1818: 3.3t 1822:3.7t
工作电压 Working Voltage	
400V (3P+N+PE)	

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S90 PRO

全裁大师 千款万料全能裁
MASTERCUT ALL-IN-ONE-CUTTING

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cutting room technology

CORE TECHNOLOGY

核心技术

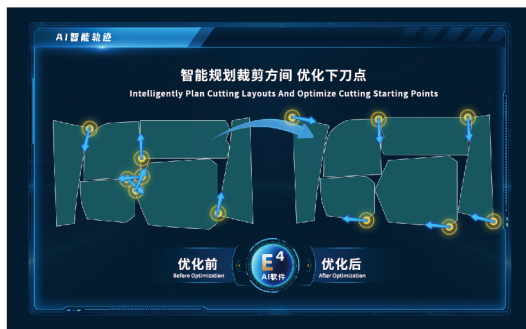


① E⁴ AI软件 E⁴ AI Software

1.AI裁剪轨迹 AI Cutting Path

百万级面料裁剪数据模型训练，AI自动规划最优裁剪轨迹，提高60%以上裁剪路径优化效率

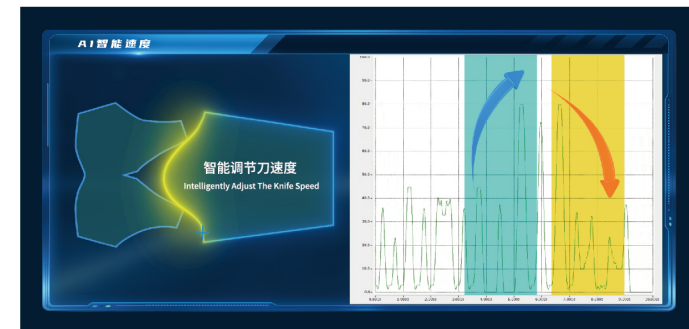
Millions of fabric-cutting data, AI-optimized path, Increase cutting path optimization efficiency by over 60%



2.AI裁剪速度 AI Cutting Speed

自动分析裁片排列、形状及顺序，在内外拐角、相邻片、弧线等部位智能调整裁剪策略，更精准，且效率提升40%以上

AI automatically analyze the marker, shape, and sequence of cutting pieces, optimizing cutting strategies at inside/outside corners, adjacent cutting pieces, and curved sections, achieving greater precision and boosting efficiency by over 40%



3.AI刀智能 AI Knife Intelligent

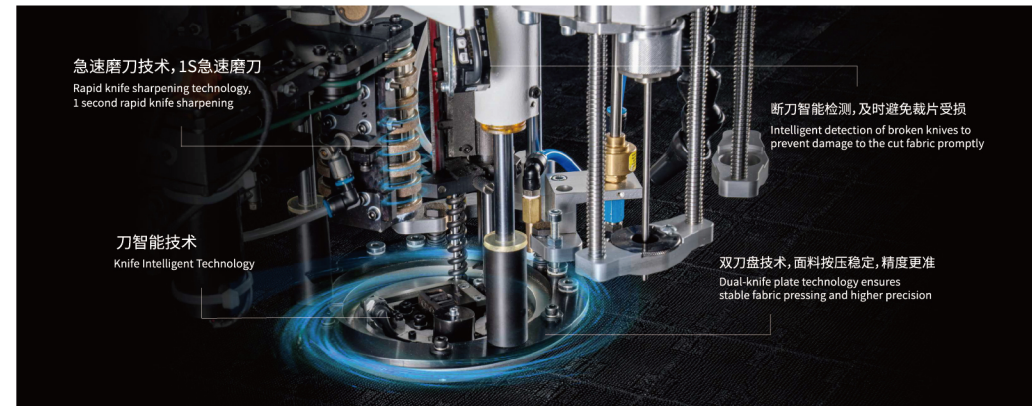
10000多台设备刀智能应用数据积累，通过AI智能识别刀受力变化，实时调整纠偏因子，裁的更厚，裁的更准

Base on Over 10,000 cutter's knife intelligence's data, AI knife Intelligent-driven knife force recognition, real-time correction, can cut more thicker, more precision

4.AI零间隙算法 AI Zero Buffer Algorithm

对轨迹进行加点优化，匹配精准刀宽数据，实现零间隙裁剪

Optimizing the toolpath with added points, matching exact blade-width dimensions, achieving zero buffer cutting



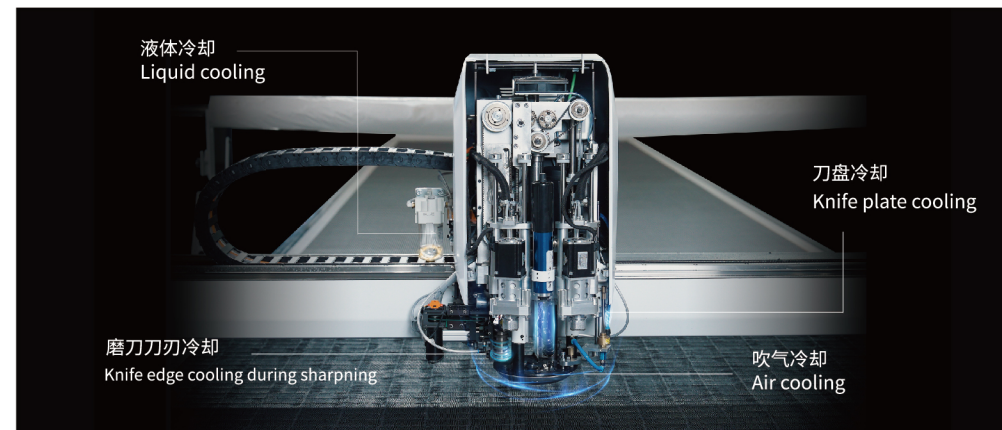
② 冰锋裁刀技术 Ice Edge Technology

1秒磨刀技术 1S极速磨刀, 磨后如新, 应对万料挑战

1-Second knife Sharpening Knife Sharpening very fast, can be done in 1-Second

4重冷却技术 4重冷却技术, 采用全时循环系统, -25°C极限低温, 刀片极速降温

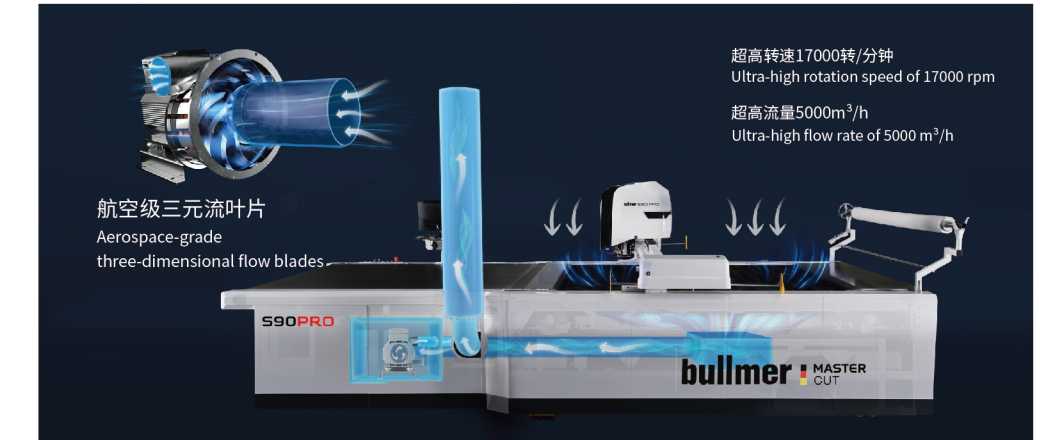
4 different Cooling technologies 4 different Cooling systems, full-time circulation, -25°C cooling degree, can reduce the temperature of knife immediately



③ 飓风真空技术 Hurricane Vacuum System

面料吸附稳定，超强吸附压力，超大流量，全真空过窗连续裁剪，全程高精度

Stable fabric hold, ultra-strong suction, maximum airflow, can make continuous cutting with high precision



OTHER FUNCTIONS

其他功能

- 具备不间断裁剪功能,连续裁剪不停机
- 具备气浮过窗功能,小片过窗不卡料
- 羽绒专用裁剪解决方案
- 1秒极速打孔
- 刀驱动自动加油功能,节约保养时间
- 采用内外双刀盘结构,减少裁剪推片
- 裁头框架一体式铸造,使用稳定有保障
- 360°便捷操作

- Have continuous cutting function
- Equipped with air-floating through-window feature, ensuring smooth passage of small cutting pieces
- Specialized cutting solution for down-jacked materials
- Ultra-fast 1-second drilling
- Automatic knife-drive lubrication, saving maintenance time
- Equipped with inner and outer Knife plate design, make sure cutting pieces don't move during cutting process
- Integrated cutter-head frame casting, ensuring stable and reliable operation
- 360° convenient operation

CUSTOMER VALUE

客户价值

- 千款万料全能裁，一机多用，不挑面料，不挑版型
- E⁴ AI软件裁剪更精准
- 零间隙裁剪技术更省料
- 设备综合裁剪效率提升40%以上
- All in one cutting - one machine, multiple uses
- No Limits on Materials, No Limits on Designs
- E⁴ AI software enables more precise cutting
- Zero-buffer cutting technology ,save the fabric
- Cutting efficiency increased by over 40%