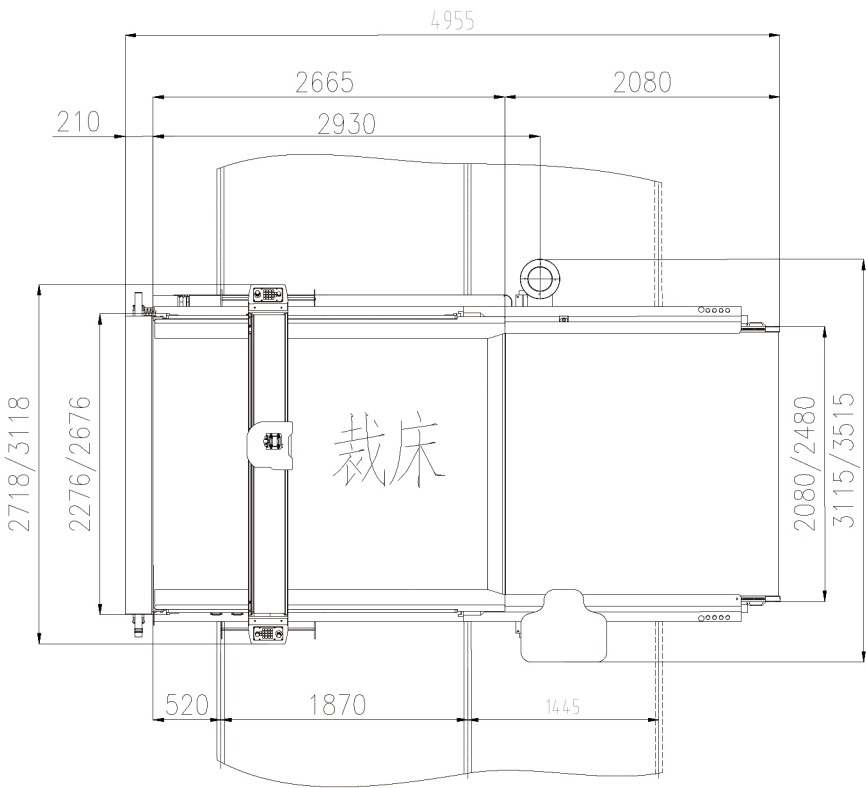
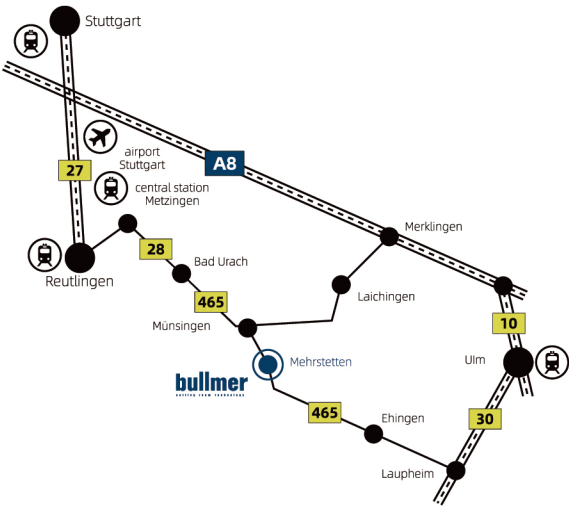
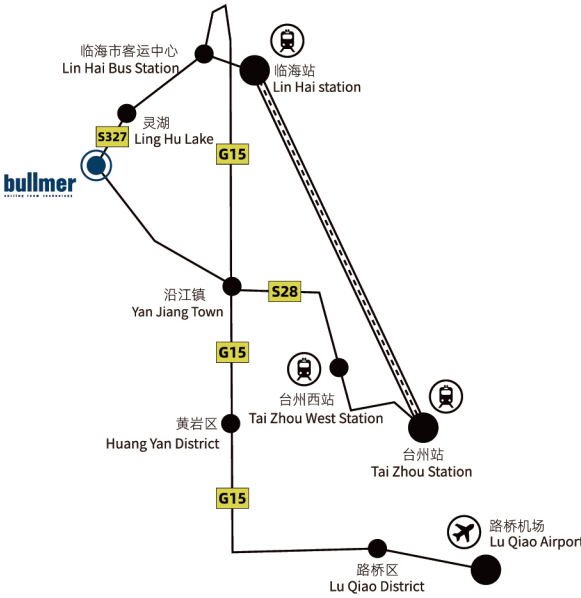


TECHNICAL PARAMETER
技术参数

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
		10m/s²	
		机器重量	Machine Weight
		1818: 3.3t	1822:3.7t
		工作电压	Working Voltage
		400V (3P+N+PE)	



S90 PRO 
全裁大师 千款万料全能裁
MASTERCUT ALL-IN-ONE-CUTTING

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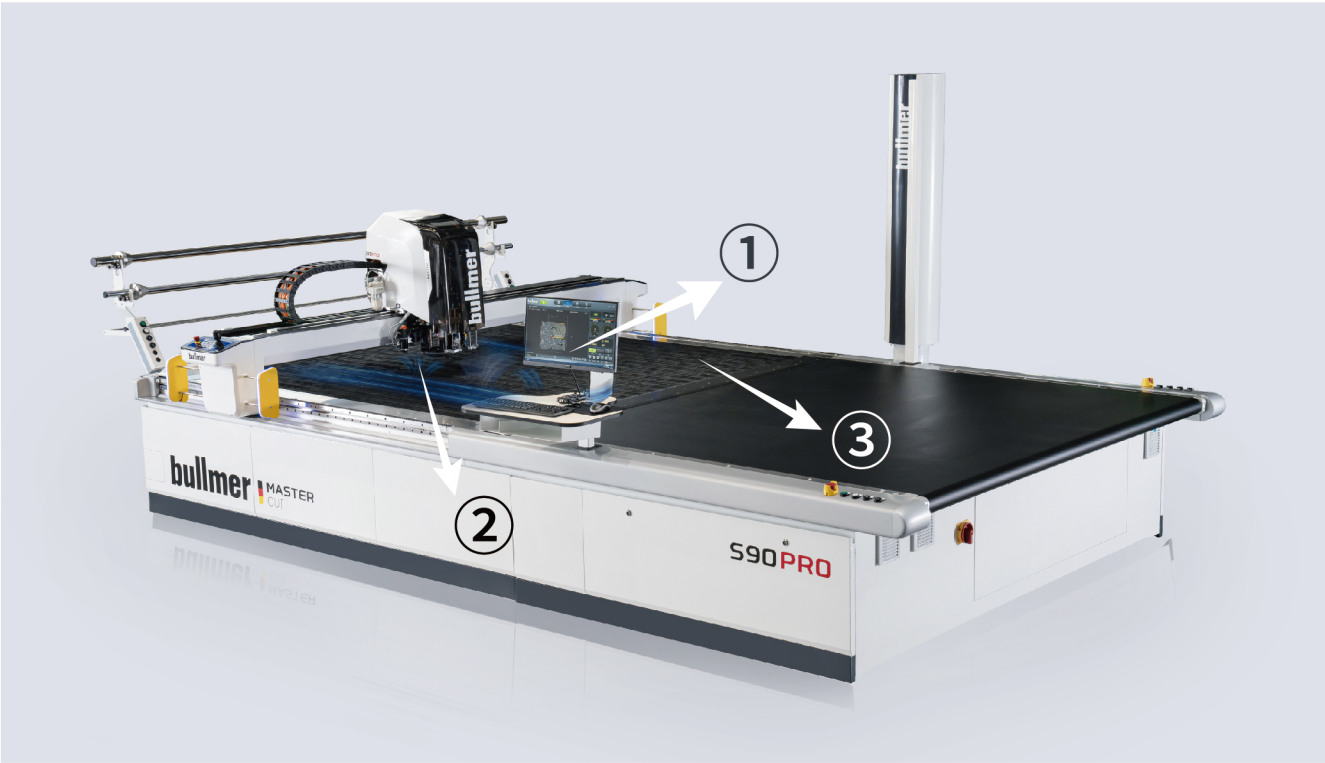
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GERMAN QUALITY QUICK SERVICE

CORE TECHNOLOGY
核心技术

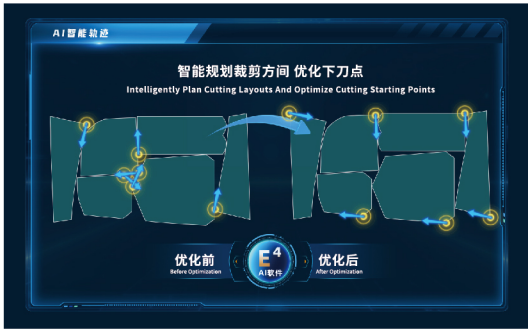


① E⁴ AI软件 E⁴ AI Software

1.AI智能轨迹 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

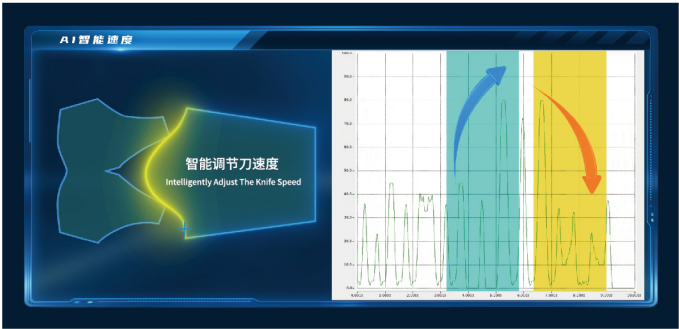
Millions of fabric-cutting data, AI-optimized path, Increase cutting path optimization efficiency by over 60%



2.AI智能速度 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智能纠偏 AI Knife Intelligent

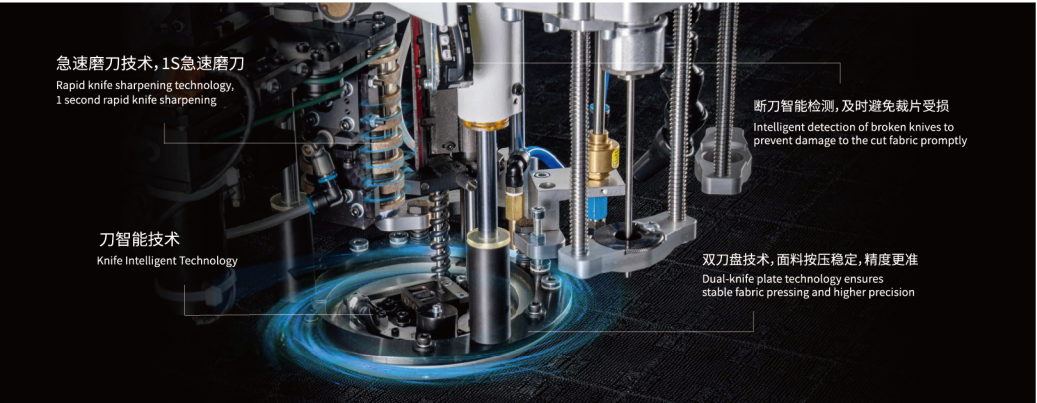
10000多台设备刀智能应用数据积累，通过AI 智能识别刀受力变化，实时调整纠偏因子，裁的更厚，裁的更准

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智能零间隙算法 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



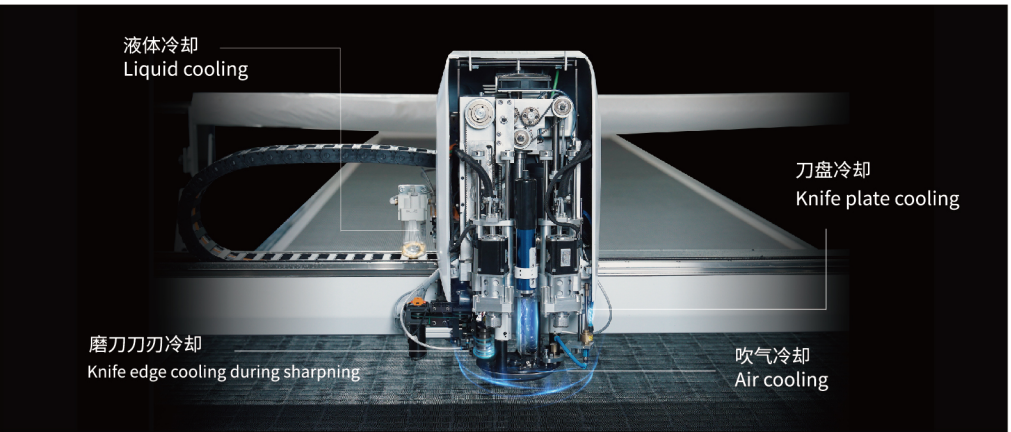
② 冰锋裁刀技术 Ice Edge Technology

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℃极限低温，刀片极速降温

4 different Cooling technologies 4 different Cooling systems, full-time circulation, -25℃ 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%