AUTO SPREADER

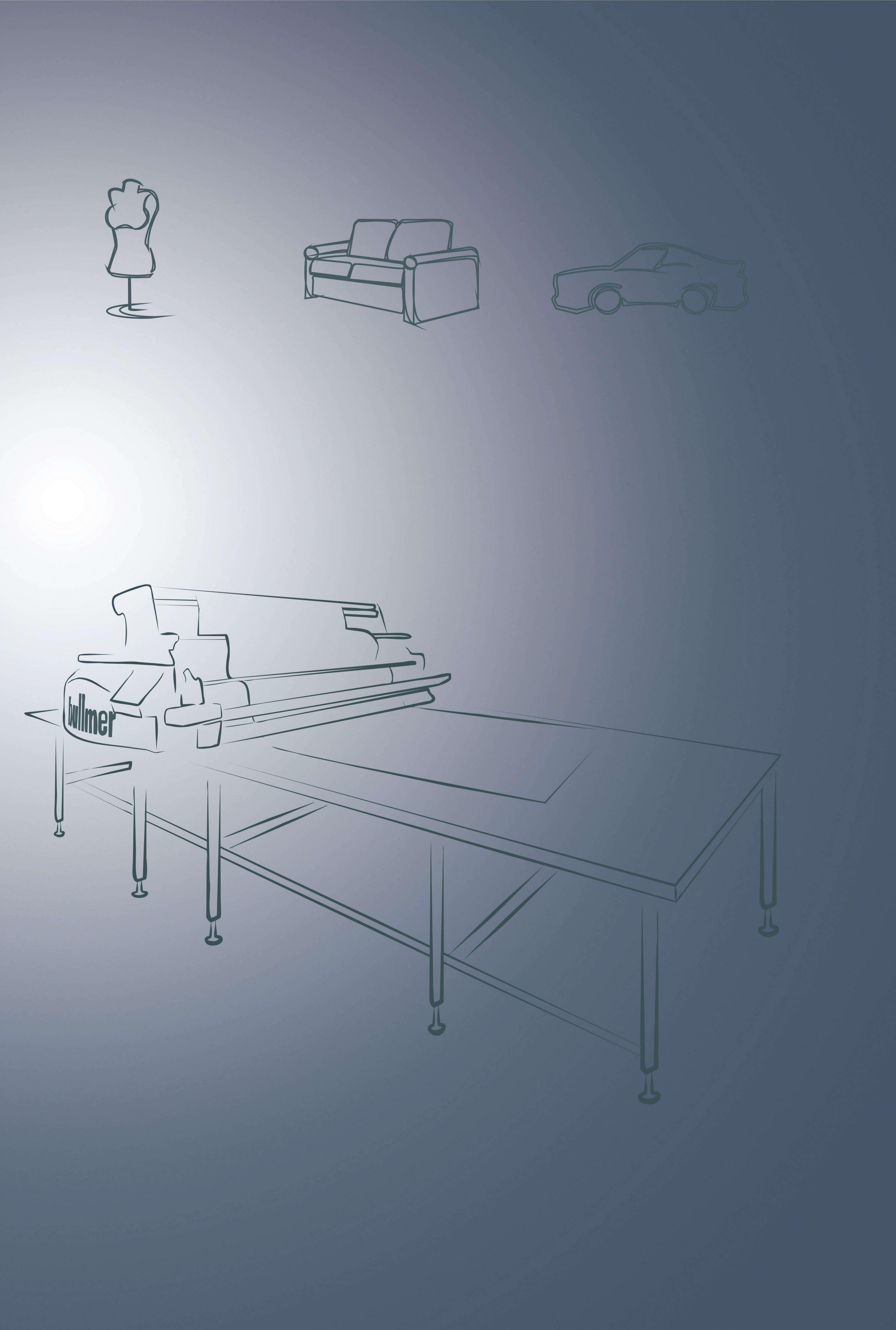




Contact

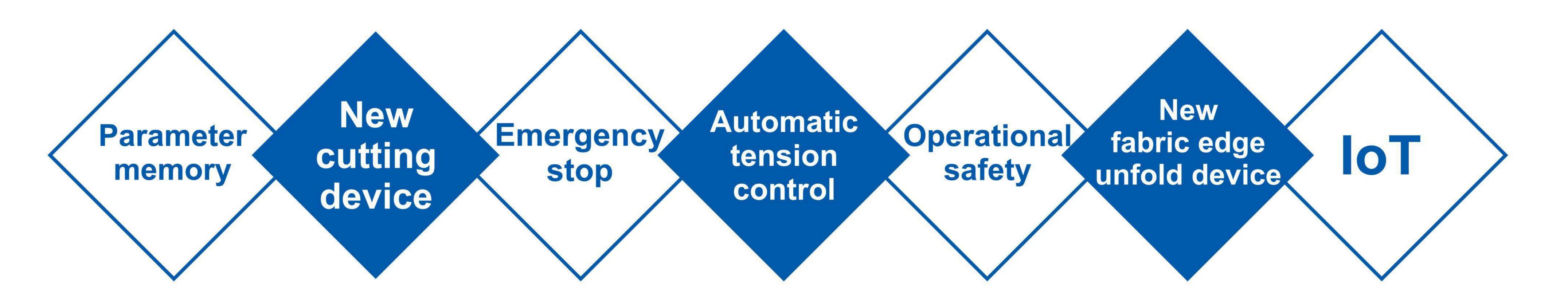
AUTO SPREADER

19年日品质 I块原用分子 GERMAN QUALITY QUICK SERVICE

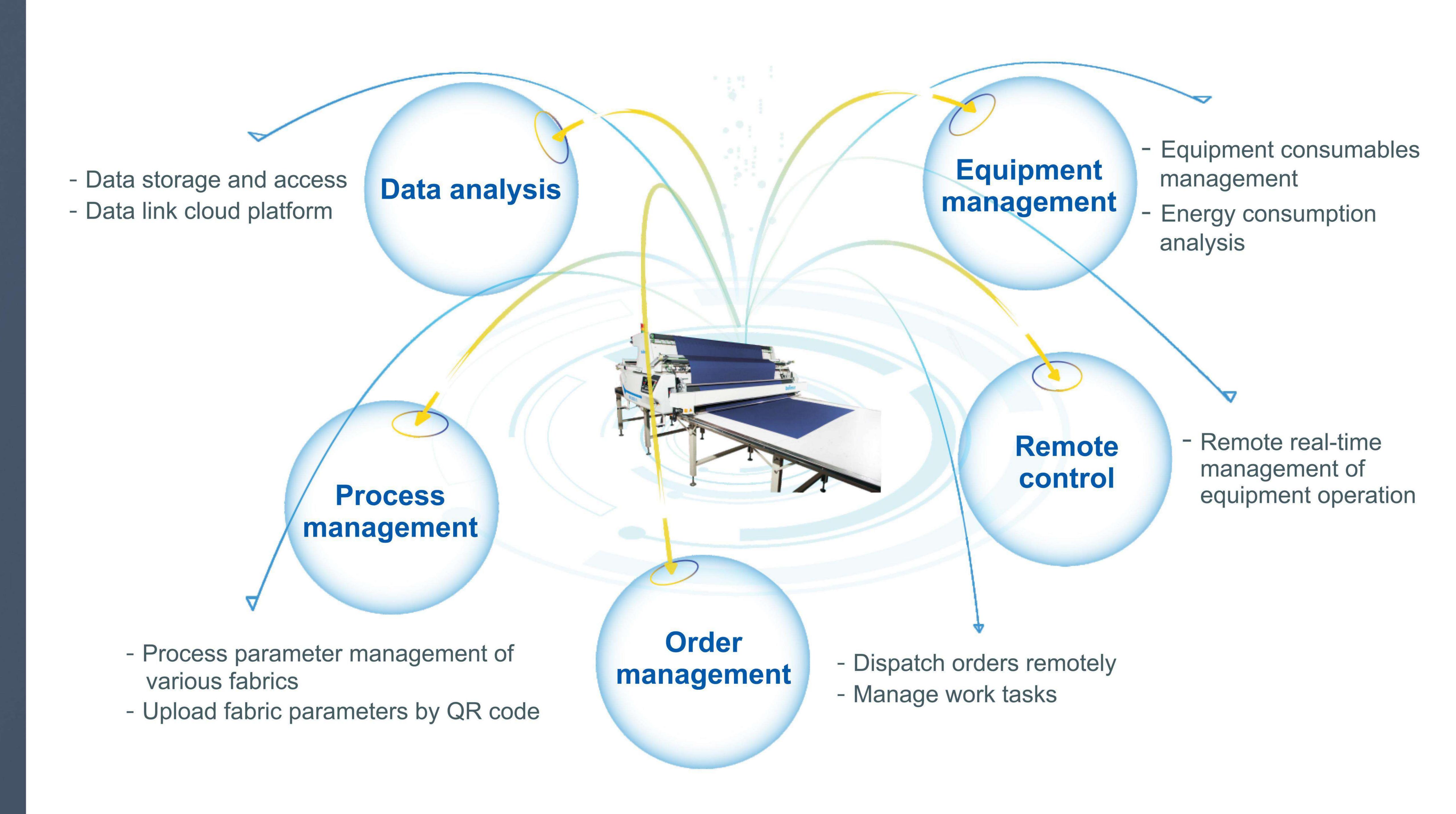




New Function



Bullmer intelligence, help you smart first



Knitting and woven machine

- Servo speed curve core algorithm, high precision, tension-free



Improve Productivity

By auto spreader

Auto spreader can work in high speed over

long time with stable quality and high

productivity. If works 10 hours a day, the

KW2000E spreader can spread fabric for 10

thousand meters under Zigzag spreading, which

By manual laying

equivalent to the laying length by 4-6 workers.

Comparison between Auto Spreader and Traditional Production Mode

Enhance Corporate Image

Improve Production Environment, Reduce Working Intensity

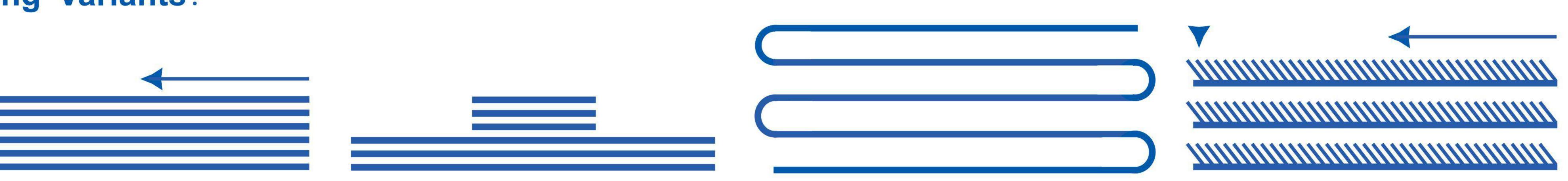
Enhance Product Quality

Automatic and tension-free laying, greatly improve efficiency and profitability

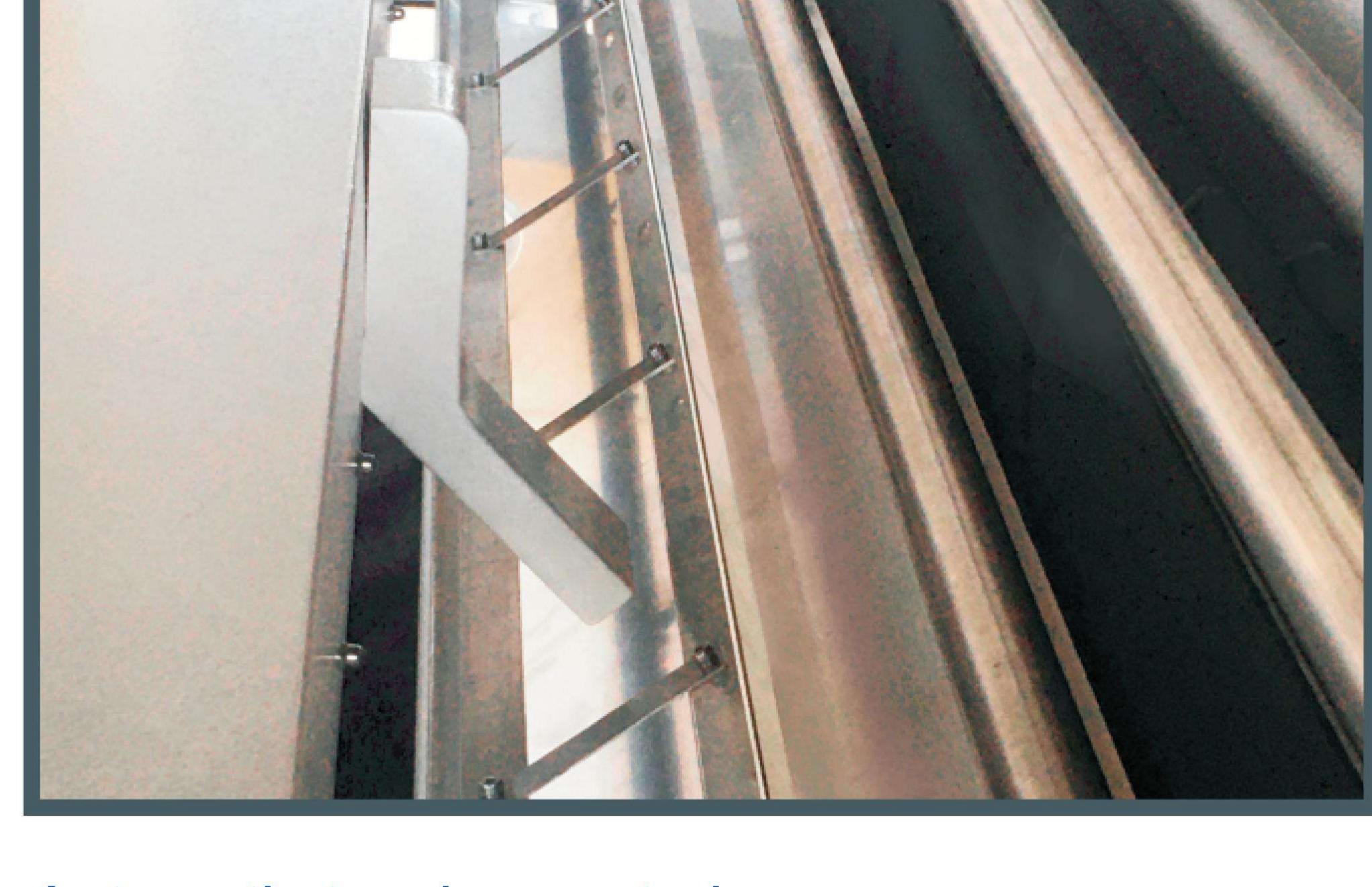
Improve Traditional PMS

The application of auto spreader will stabilize the output of laying, and make the production data more accurate, which is helpful to arrange order production; Moreover, by reducing workers and management dissipation, the traditional PMS is innovated.

Laying Variants:

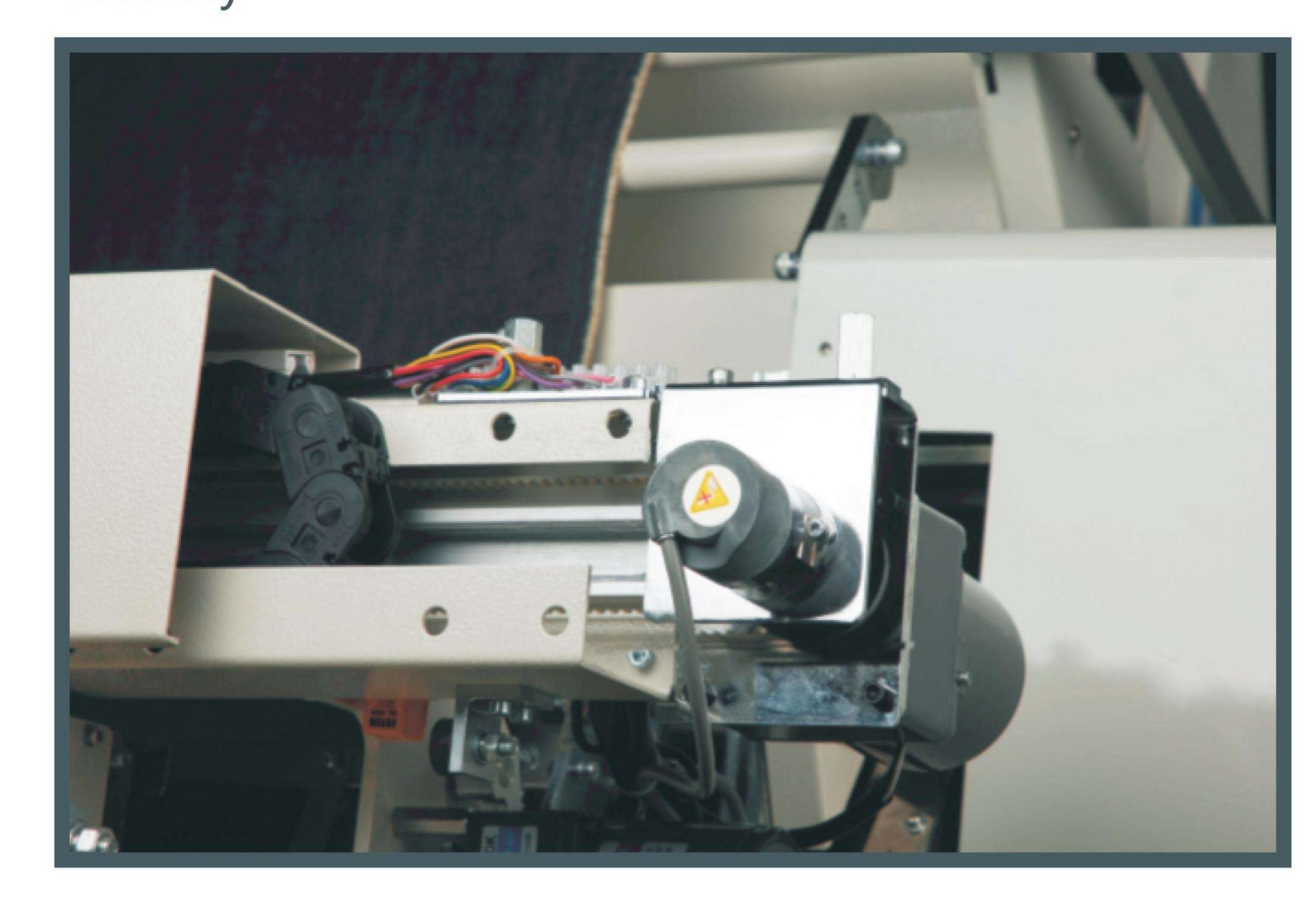


(Some laying processes can provide optional features)



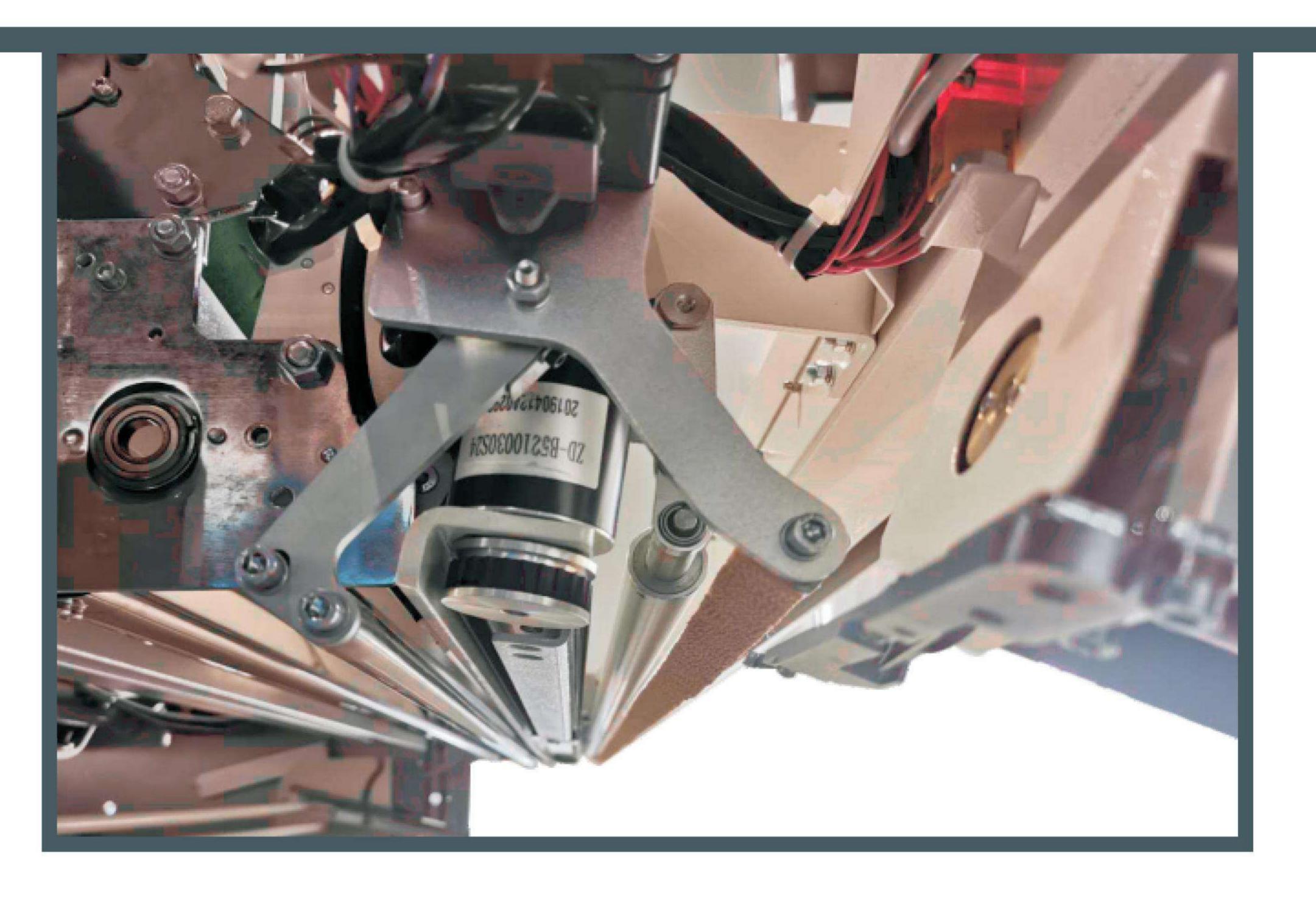
Automatic tension control:

- During the spreading process, the tightness of the fabric is detected in real time to adjust the uniformity of the machine's spreading speed and walking speed, to achieve the effect of tension-free spreading, control the spreading accuracy.



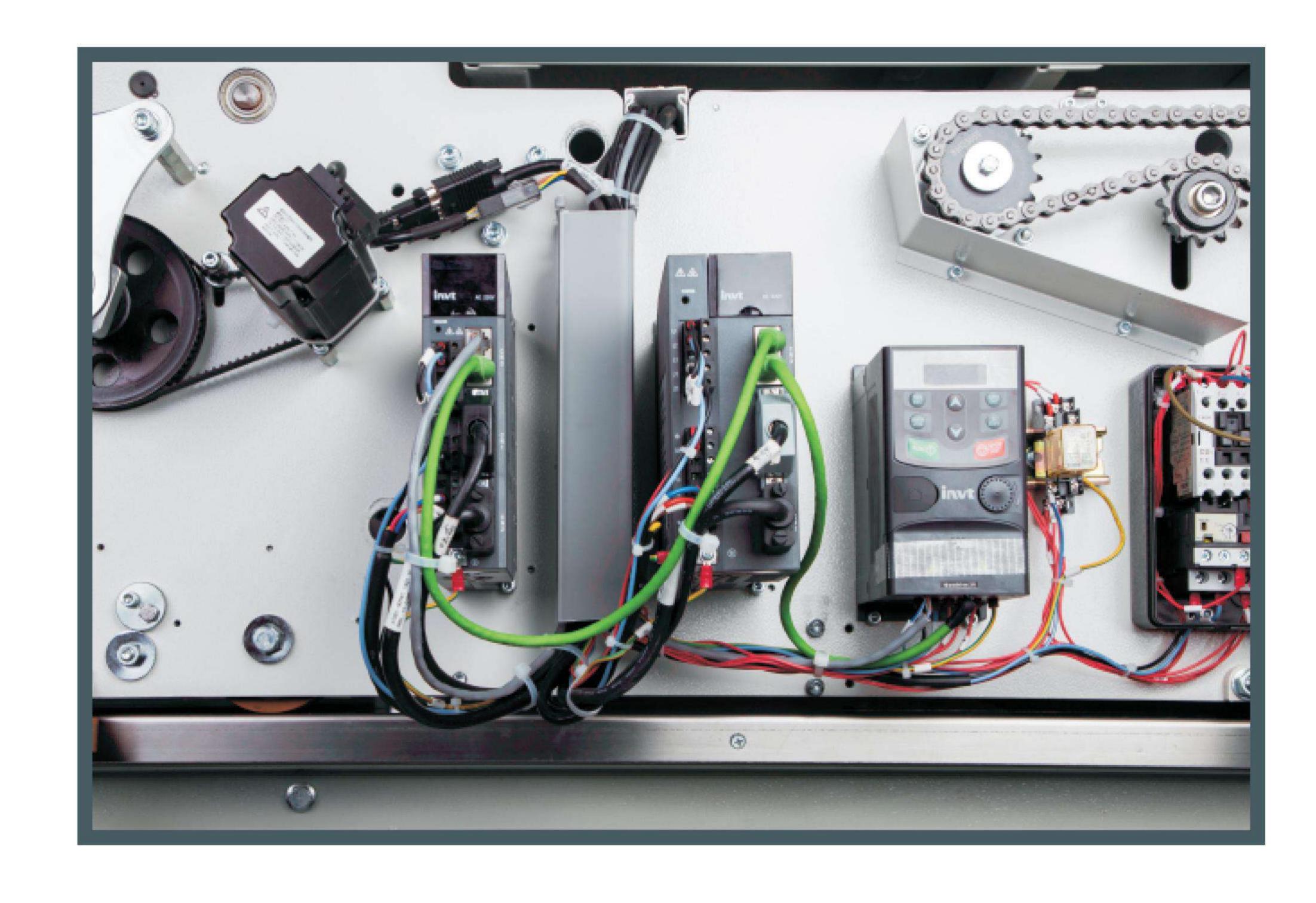
New version 2.0 cutting head (suitable for both One-way catcher and One-way cut function):

- Encoder count control cutter accuracy;
- Automatic sharpening function;
- Towline power supply and round knife safety protection can ensure safety of the operator, also keep the quality of fabric cutting:
- Spring bottom knife: adopt automatic adjustment and spring bottom knife structure, which can adapt to the cutting requirement of different fabrics. For special fabrics (such as coated fabric, smooth and light fabric), it can also easily improve the cutting effect.



New fabric edge unfold device (optional):

- Adopting the automatic lifting and pressing device, continuously press the fabric during spreading, make the fabric fold edge become flat. Excellent solution for fabrics fold edge.



Servo system:

- Servo speed curve core algorithm, paving speed upgraded from the original 94m/min to 110m/min. The acceleration time is reduced by 25%, the deceleration time is reduced by 40%, and the overall spreading effect is increased by 24.5%:
- Change the traditional mechanical tension adjuster, adopt the touch screen digital memory function to adjust the tension, the control is convenient, and the accuracy is improved.

Other features:

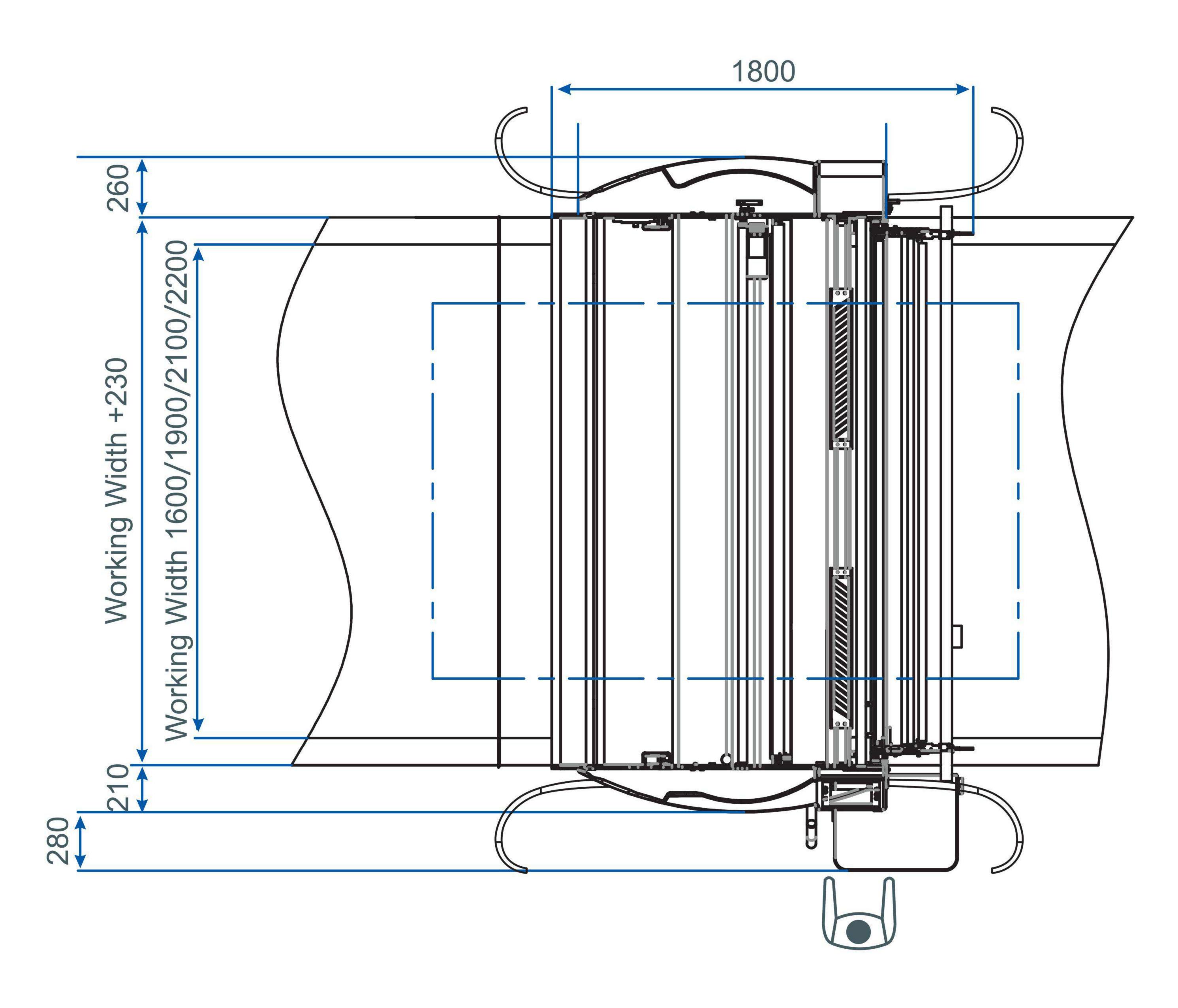
- Automatic height lifting function: Identify the height of the fabric on the table automatically, and set the height of the cloth according
 to the characteristics of the fabric intelligently.
- The emergency start and stop function of the machine greatly reduce intensity of labor and improve the efficiency.
 The use of self-developed integrated board card over the software contacts instead of relay can not only improve the stability of component, but also facilitate after-sales and maintenance.
- Internet of Things function (optional): The intelligent management system of the bullmer spreading machine can realize functions such as data collection, efficiency analysis, equipment management, remote control, and scan code recognition. It can connect customer smart factory models such as MES and EPR in real time.
- Second-level limit: When the machine touch the safety limit, the machine will power off automatically, the safety factor is higher.

KW 2000E

KW 2000E-P Series

Dimension Plane:

Unit: mm



Technical Data:

L× W× H Dimension				
2300×1900×1000mm	2630×1900×1000mm	2830×1900×1000mm	2930×1900×1000mm	
Max. Cloth Width (avalia				
1600mm	1900mm	2100mm	2200mm	
Table Width (avaliable on demand)				
1830mm	2130mm	2330mm	2430mm	
Laying Height				
One-Way:220mm max	Zigzag: 150mm max			
Machine Weight				
310kg	355kg	375kg	395kg	
Max. Cloth Roll Diameter		Max. Cloth Weight		
600mm max		60kg max		
N.W./G.W.				
525/815kg	585/875kg	625/985kg	645/1065kg	
Working Voltage		Max. Speed		
AC 230V±5%		110m/min max		

Special machine for large diameter and heavy fabric



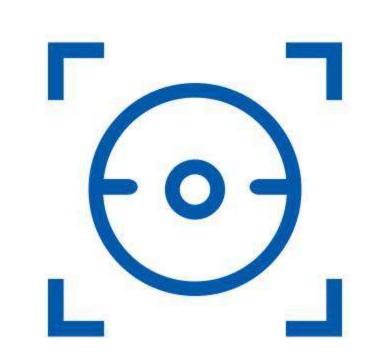
KW2000E-P series is developed on the basis of KW2000E. It is specially suitable for large diameter, heavy rolls fabric. The maximum spreading diameter of the doth bucket can reach 1 meter, and the maximum weight can carry 200KG, which can easily solve the problem of spreading large-diameter knitted fabrics with velvet and elastic heavy cloth roll woven fabrics.







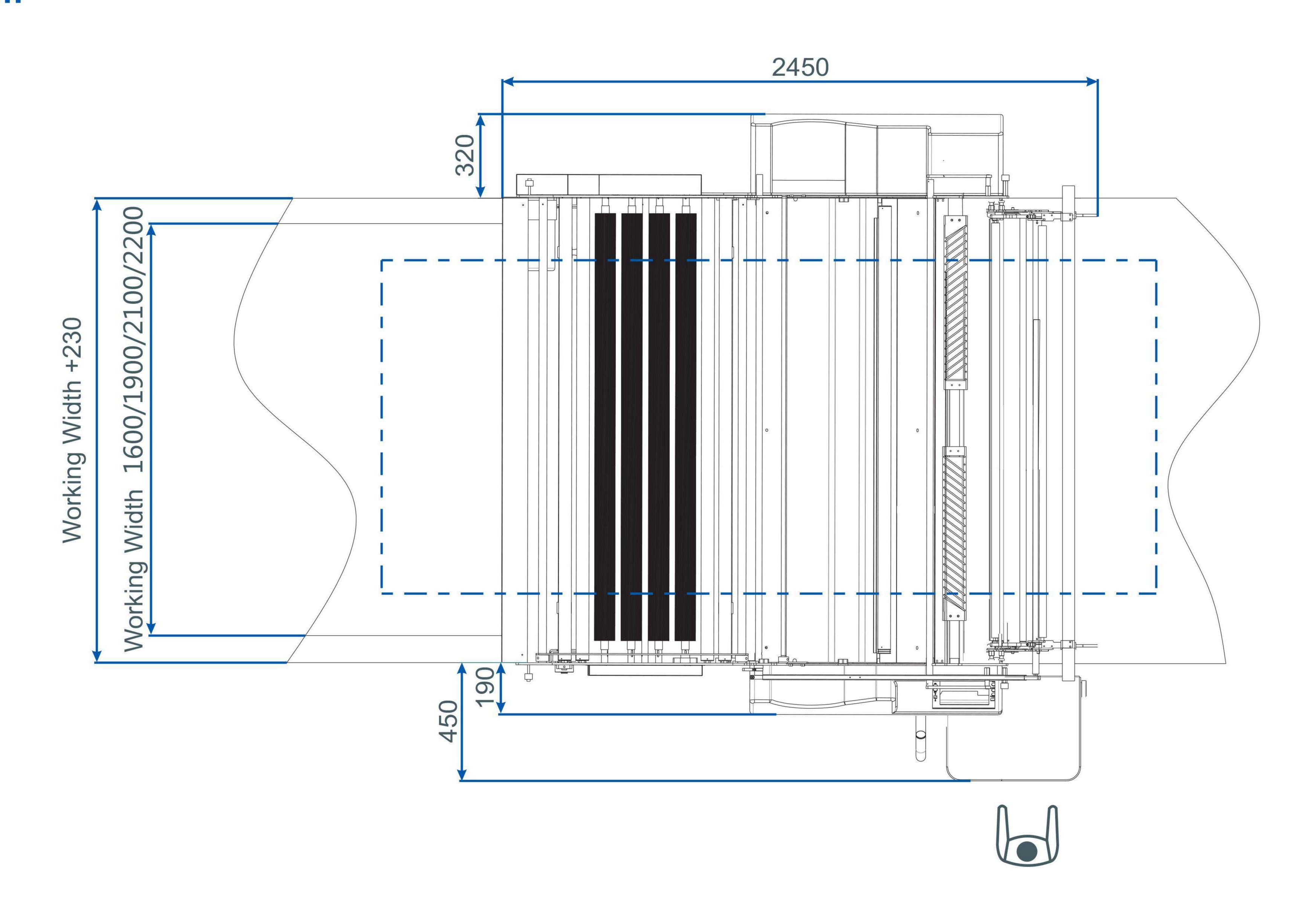




KW 2000E-P Series

Dimension Plane:

Unit: mm



Technical Data:

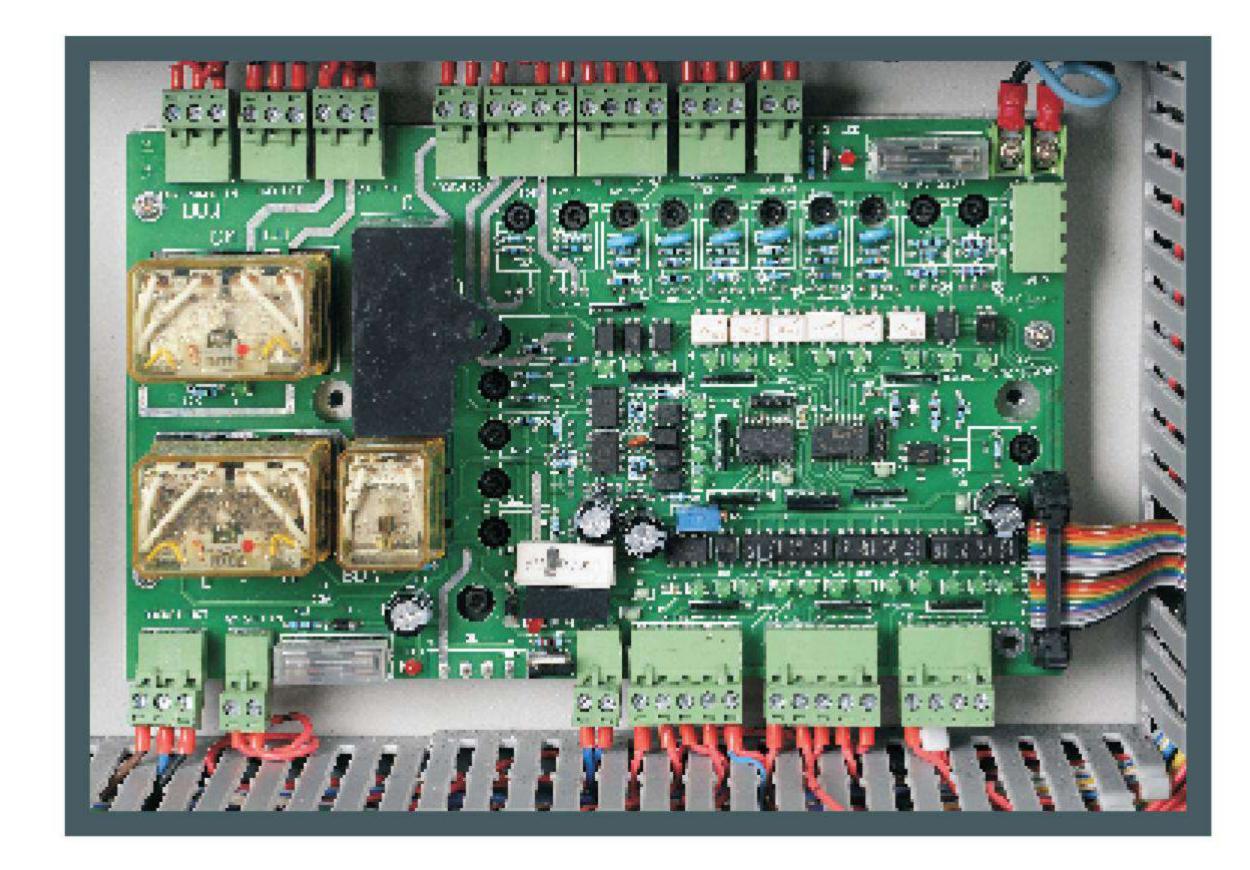
L× W× H Dimension			
2340x2120x900mm	2640x2120x900mm	2840x2120x900mm	2940x2120x900mm
Max. Cloth Width (avaliable	on demand)		
1600mm	1900mm	2100mm	2200mm
Table Width (avaliable on demand)			
1830mm	2130mm	2330mm	2430mm
Laying Height			
One-Way:220mm max	Zigzag: 150mm max		
Machine Weight			
544kg	577kg	599kg	610kg
Max. Cloth Roll Diameter		Max. Cloth Weight	
1000mm max		200kg max	
N.W./G.W.			
694/795kg	727/828kg	749/850kg	760/861kg
Working Voltage		Max. Speed	
AC 230V±5%		110m/min max	

Specialized weaving spreading machine

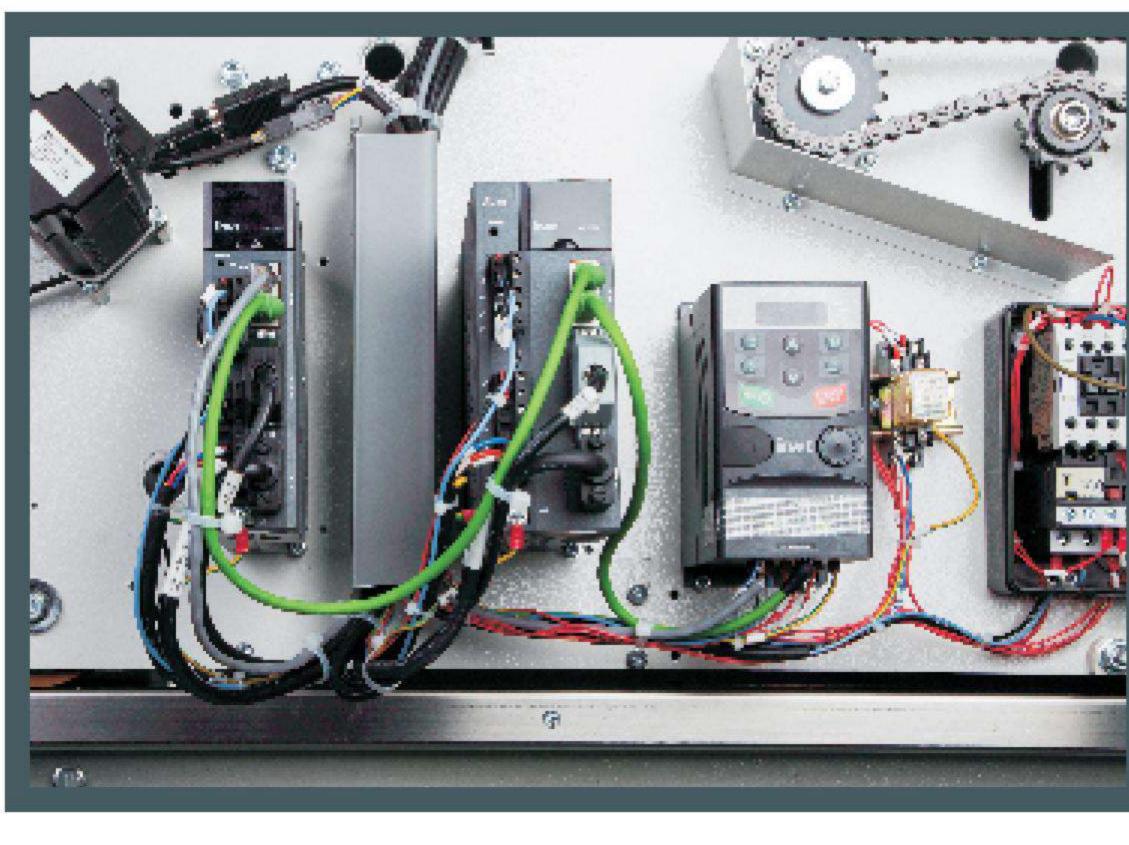
- Smart, lightweight and new technological appearance design



W1800E specialized woven spreader is equipped with functions such as automatic tension control, cutting device 2.0, servo system, automatic height lifting, emergency start and stop function, etc. It has the advantages of small size, simplified structure and heavy cloth carrying capacity. It is best solution for the spreading of trousers, jackets, down jacket, denim and other products.



PCB integrated power device



Servo system

Technical Data

L× W× H Dimension	
2300×1450×800 mm	2600×1450×800mm
Max. Cloth Width	
1600mm	1900mm
Table Width	
1830mm	2130mm
Laying Height	
One-Way: 220mm max.	Zigzag: 150mm max.
Machine Weight	
285kg	320kg
Max. Cloth Roll Diameter	Max. Cloth Weight
600mm	200kg
Max. Speed	Working Voltage
94m/min.	AC 230V±5%
N.W./G.W.	
475/705kg	525/785kg

AUTO LOADER TL 2000-19/22

AUTO CONVEYOR TABLE Translay



Whether it is roll fabric, batch fabric or overweight fabric, the flatbed auto loader ensures quick and easy fabric loading to the Spreader. The loader is equipped with anti-drop device, which guarantees safety and reliable operation, reduces labor intensity and enhances working efficiency.

Technical Data

800mm max.

Lx Wx H Dimension 2700×1000×2100mm 3000×1000×2100mm Max. Cloth Weight 200kg max. Max. Cloth Roll Diameter

Max. Loading Height 1. 6m max. Max. Cloth Roll Dimension 2100×800mm 2400×800mm Power Supply AC 230V±5%



The Translay table is ideal for both knit and heavy fabric. Controlled by sensors and frequency converter, it can convey the fabric with cutter bitefeed synchronously without tension. Both auto and manual modes are available.

Technical Data

Working Width			Tab
1600mm	1900mm	2100mm	850
Min. Length			Wo
1200mm (Length is customized on request)			AC

able Height Adjustment 0 - 950 mmorking Voltage AC 400V±5% 50Hz/60Hz Total Width Working Width + 230mm

Air Floating Table

Main products including air floating table and normal table. Special size is available on request.





Core parts of air floating table, Powerful air supports the strong wind and long life time transfer of heavy fabric

Transfer Table

Import Power Rail