



# TEXTILE MANUFACTURING

**MI** 60

JWEI Multi-Layer Intelligent Cutting System



# JWEI SYSTEMTECHNIK

Established in 1993 **Honest, pragmatic,  
innovative and win-win.**

**To be the leading automation solution provider  
based on digital cutting and AI technology**

To make life colorful by intelligent manufacturing.

Specializing in R&D,  
production, and marketing  
of CAD/CAM systems

**JWEI Cutting Room**

## Cutting of flexible materials

Independently developed MES intelligent production platform

National High-Tech Enterprise    A 50,000 m<sup>2</sup> smart  
factory with over  
**Top 10 Software Enterprises**    100 million yuan  
Top 10 Innovative Enterprises    investment

## Supporting customers in intelligent upgrading and digital transformation

Multiple automated industrial production lines

**Authoritative certification system**

Key software enterprise

**Scientific  
management**

**30<sup>th</sup>**

30 years of  
technological  
excellence

**120<sup>+</sup>**

Active in over 120  
countries & regions

**300<sup>+</sup>**

More than 300  
sales and service  
networks

**30000<sup>+</sup>**

Chosen by over  
300,000 global  
customers

**8<sup>+</sup>**

Servicing the needs  
of multiple industry  
sectors

**200<sup>+</sup>**

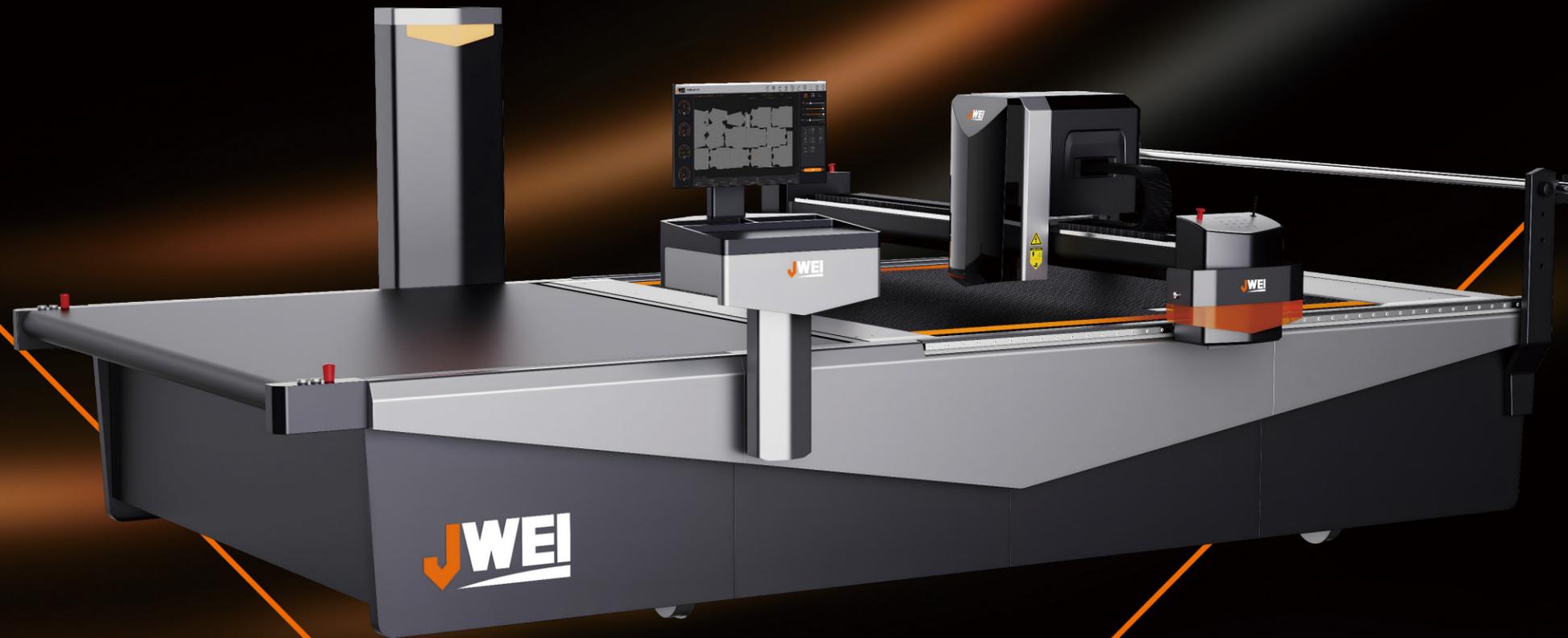
More than 200  
patents and  
software copyrights



# MI 60

JWEI Multi-Layer Intelligent Cutting System

Our innovation. Your success.



## Product Specifications

JWEI reserves the right of final interpretation of the following parameters, subject to change without prior notice.

Model	MI60
Cutting height	60mm
Maximum running speed	100m/min
Maximum acceleration	9.8m/s <sup>2</sup>
Maximum blade vibration frequency	6000rpm
Effective cutting window length	1.8m (equipped with cutting-while-moving function for continuous cutting)
Effective cutting width	2.0m
Vacuum adsorption option	Dynamic control, 45kW
Power supply	380V three-phase five-wire, 50/60Hz
Workbench height	85cm
Noise	<75dB
Vacuum energy consumption	Average energy consumption <15kW
Cutting materials	Knitted fabrics, denim, woven fabrics, automotive composite PVC, artificial leather, polyester and other flexible materials
Overall weight	About 4 tons
Machine Size (WxLxH)	2980mm×4570mm×2200mm

Note: The above are the design parameters of our company; specific data will vary depending on materials and applications.



Maximum running speed  
100m/min



Cutting error  
≤1mm

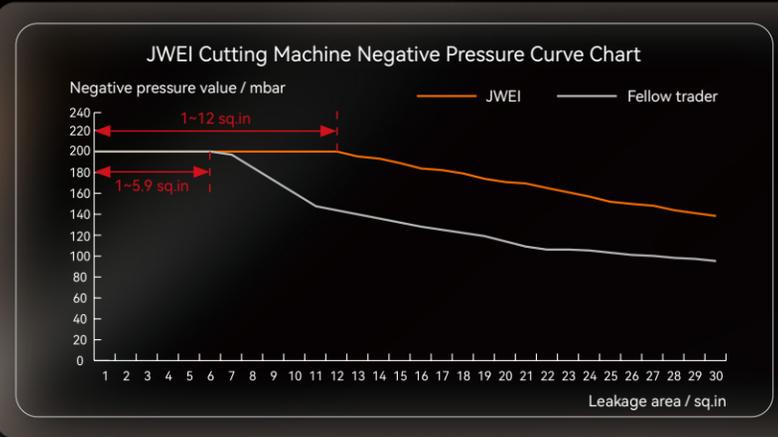


Strong vacuum durability  
200mbar



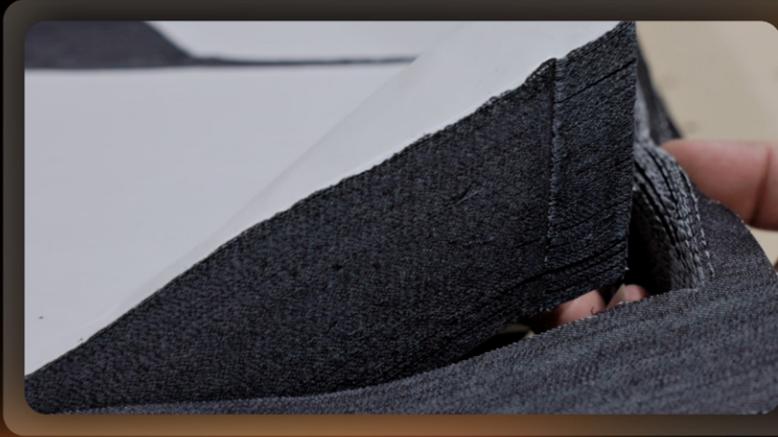
**100m/min**

Efficient production capacity, with a maximum running speed of 100m/min.



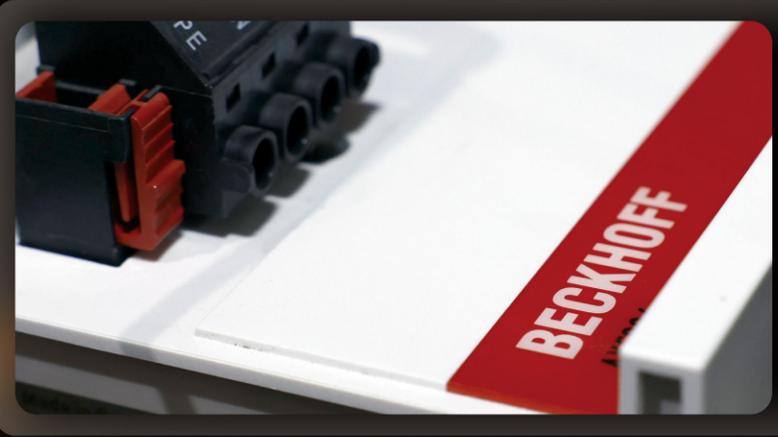
**200mbar**

The vacuum retention is more than twice the industry standard.



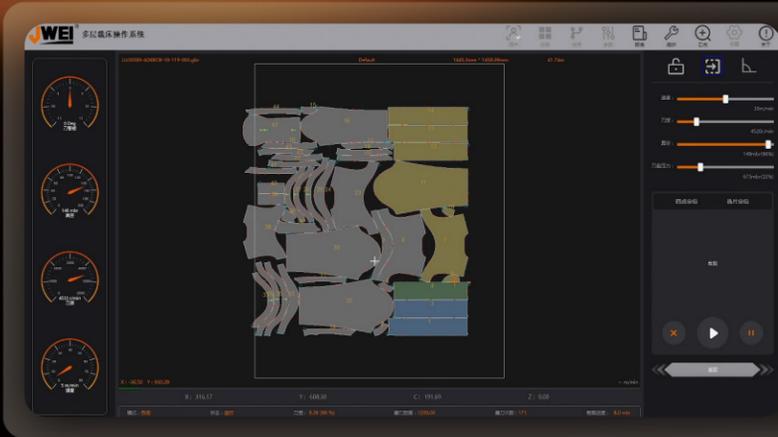
**≤1mm**

Cut pieces and notches remain consistent on both upper and lower parts, with a cutting error of ≤1 mm.



**0.01mm**

Equipped with Beckhoff AX5206 servo (Germany), delivering control accuracy up to 0.01 mm.



**5%**

Zero buffer saves up to 5% fabric. \*



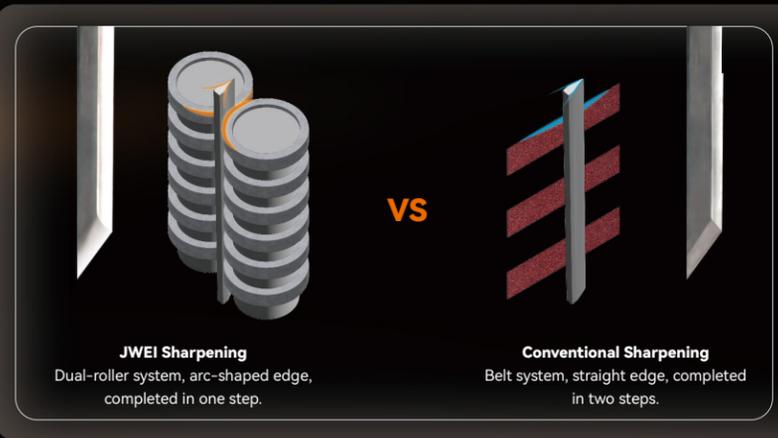
**40%**

Self-developed algorithm enables "cutting while moving," boosting average cutting efficiency by 40%. \*



**AI+MES**

AI enhances MES for smarter decision-making.



**200%**

Double efficiency with arc-shaped cutting edges. Upper and lower blades remain consistent, while dual-roller sharpening keeps them sharp at all times.

**Dedicated Customer Success Manager: A growth partner who supports you throughout the entire journey**

- ◆ With extensive experience in customer success, we focus on helping customers use equipment well rather than just make it usable.
- ◆ Assist in streamlining processes and building a complete IE system for the cutting room.
- ◆ Continuously optimize and improve equipment efficiency through data analysis.

**Comprehensive Customer Service System**

- ◆ 24/7 support, around the clock.
- ◆ A specialized technical team of certified engineers, each with an average of 8+ years of experience in the apparel industry.

**Addressing Three Core Pain Points**

- ◆ Machine Utilization Rate: Increased by an average of 23%, up to 41%.
- ◆ Fabric Utilization Rate: Minimized buffer, reduced fabric waste at both ends, saving up to 5%.
- ◆ Comprehensive Cost Reduction: Energy consumption lowered by 19%, maintenance costs reduced by 24%.

**Customized JWEI Cutting Room Data Report**

Automatically generated every month, with visualized data tracking continuous improvements.

Note: Data is based on tests with external customers. Results may vary depending on materials, production management, and equipment usage. Please refer to actual conditions.

**NINGBO JINGWEI SYSTEMTECHNIK LTD.**

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