



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 m² 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**

30th

30 years of
technological
excellence

120⁺

Active in over 120
countries & regions

300⁺

More than 300
sales and service
networks

30000⁺

Chosen by over
300,000 global
customers

8⁺

Servicing the needs
of multiple industry
sectors

200⁺

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 ²
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

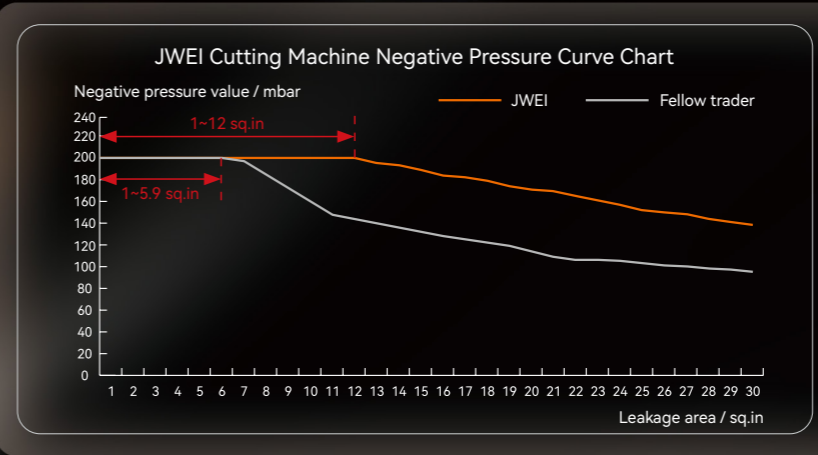


Strong vacuum durability
200mbar



100m/min

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



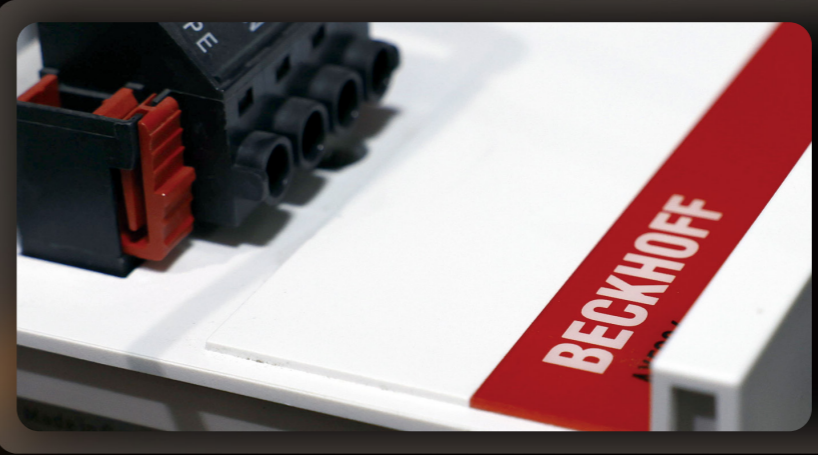
200mbar

The vacuum retention is more than twice the industry standard.



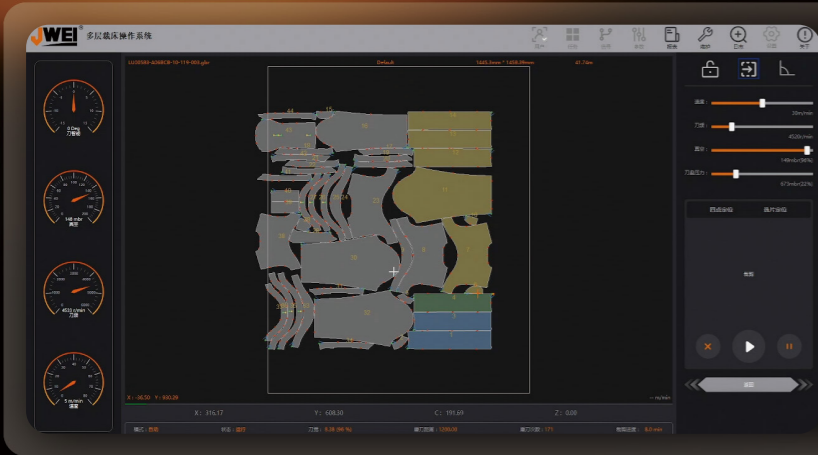
≤1mm

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. *



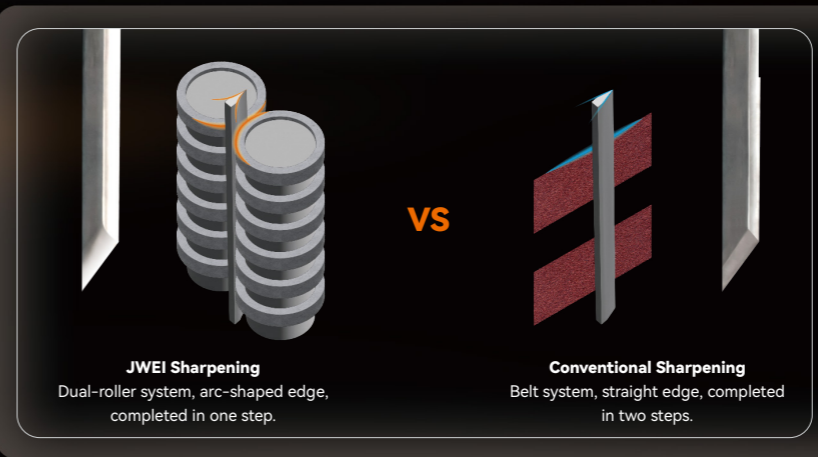
40%

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.

JWEI Cutting Room Customer Success.

Our innovation. Your success.

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.

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