ADVERTISING
SIGNAGE

SL 5232 3232

Large format intelligent integrated cutting system

JINGWEI
SYSTEMTECHNIK

With a 30-year legacy of innovation and excellence, JWEI has been at the forefront of cutting technology, shaping the industry with advanced, automated, and highly adaptable solutions. As the leading force in flexible material cutting in the domestic market, we have expanded globally, earning a reputation for precision, efficiency, and high performance.

For over a decade, we have been a trusted partner in the signage and surface graphics industries, delivering digital finishing and cutting systems that seamlessly handle an extensive range of rigid and flexible materials.

Our solutions are engineered to meet the evolving demands of modern production, ensuring unmatched accuracy and reliability.

With a strong emphasis on customization and intelligent automation, JWEI empowers businesses to optimize production, streamline workflows, and maximize efficiency. Built for speed, accuracy, and adaptability, our cutting-edge technology is transforming industries worldwide.

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

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Our innovation. Your success.

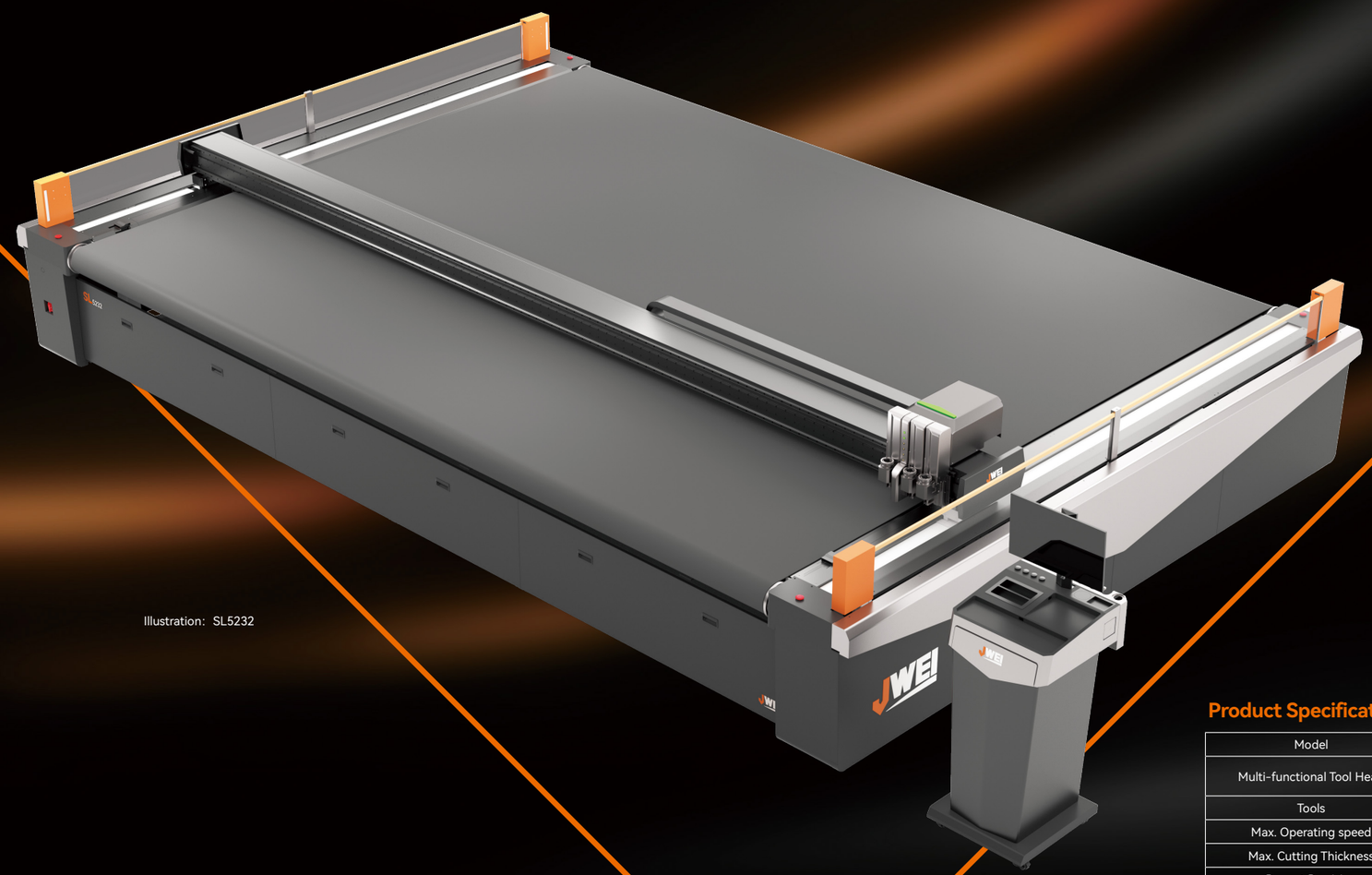


Illustration: SL5232

Ultra-High Speed 3m/s

Laser Tool Alignment

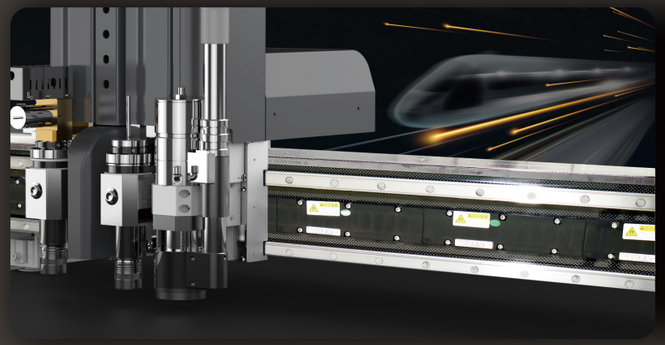
Large-Format

Product Specifications

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

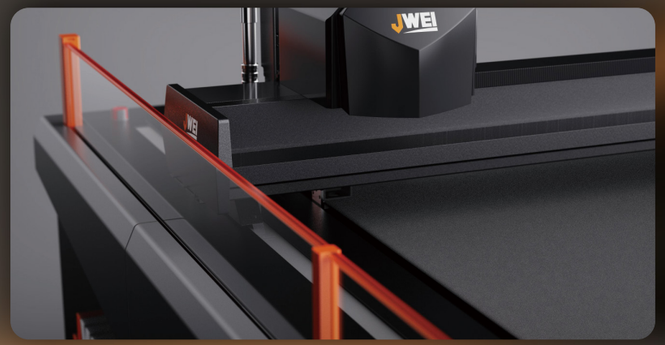
Model	SL5232	SL3232
Multi-functional Tool Head	Multi-tool fixing holes, quick insert tool fixing, easy-to-replace cutting tools, plug-and-play, set cutting, creasing, drawing, router and other functions in one, optional ATC module.	
Tools	Electric oscillating tool, drag knife, rotary tool, router tool module, plotting tools etc.	
Max. Operating speed	3000mm/s *	
Max. Cutting Thickness	50mm *	
Repeat Precision	< 0.05mm *	
Cutting Materials	Soft film, 3P cloth, knife-coated cloth, black adhesive film, self-adhesive, magnetic sticker, car sticker, and other advertising materials, etc.	
Material Fixation Mode	Vacuum absorption	
Software resolution	0.025, 0.01, 0.1 optional	
Transmission Mode	Ethernet port	
Drive System	Bus controller, advanced servo system, imported linear guide rail, lead screw, linear motor drive	
Instruction system	HP-GL compatible format	
Automatic knife setting	Non-contact tool setting mode for drag knife, rotary tool, electric oscillating tool, creasing wheel tool, v-cut tool, etc.	
Automatic tool setting accuracy	0.05mm	
Rated Capacity	45kVA	28kVA
Rated Voltage	380V±10%	
Machine Weight	4600kG	3258kG
Effective Cutting Size (WxL)	5200mm×3200mm	3250mm×3200mm
Machine Size (WxLxH)	6557mm×4317mm×1406mm	4605mm×4250mm×1405mm

Note:* Dependent on materials and application



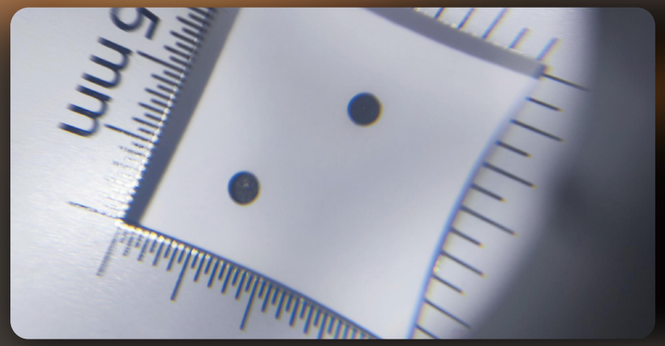
Magnetic Levitation Drive + Linear Motors

Achieves speeds of up to 3000mm/s even with large formats



Four Layers of Safety Protection

Proximity slow cut
Lift-type Safety Protection
Infrared anti-collision
Emergency Stop

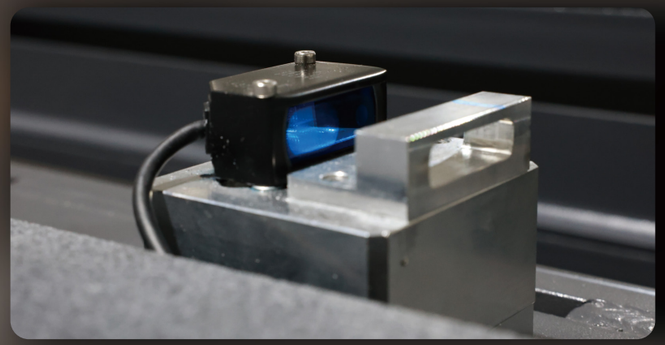


Advanced motion control for ultra-fine cuts

Achieve flawless cutting of tiny circles as small as 1mm in diameter

Automatic Tool and Milling Cutter Exchange

Eliminates manual intervention, optimizing changeovers for maximum efficiency



Laser Tool Alignment

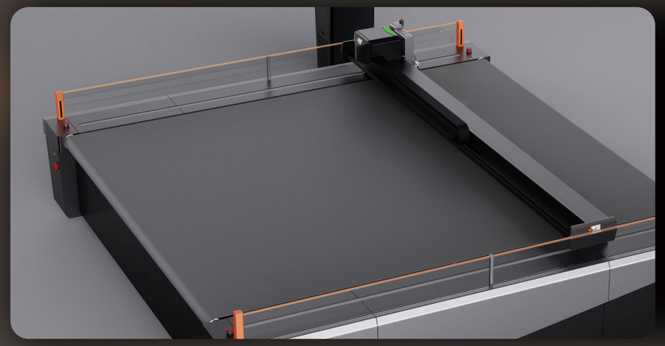
Eliminates potential errors from traditional mechanical alignment

Newly upgraded CAD operating software

Quick, smarter set-up
Precise identification of materials
Automatic edge tracking for accurate cutting

Superior material fixation with next level noise reduction

Optimised airflow for powerful high suction vacuum
Lower sound volume operation of 64d at a reduced frequency



Additional Features

Active Deviation Correction System
Tension Control System
Modular Design for Universal Components
NFC Access Control
Hawk-Eye Spectral Positioning
Multi-Functional Operating Platform
...

Our innovation. Your success.

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