



INTELLIGENT CUTTING & FINISHING

Jingwei Systemtechnik is a global leader in plotter and digital cutting technology. As technology pioneers, we are committed to driving a revolution through relentless innovation and continuous product enhancement. Our ever-evolving portfolio is designed to meet the dynamic needs of various industries, making Jingwei a trusted name in the footwear, apparel, packaging, signage, electronics, and leather industries.

Our innovation. Your success.

ADVERTISING SIGNAGE

SL 5232

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⁺

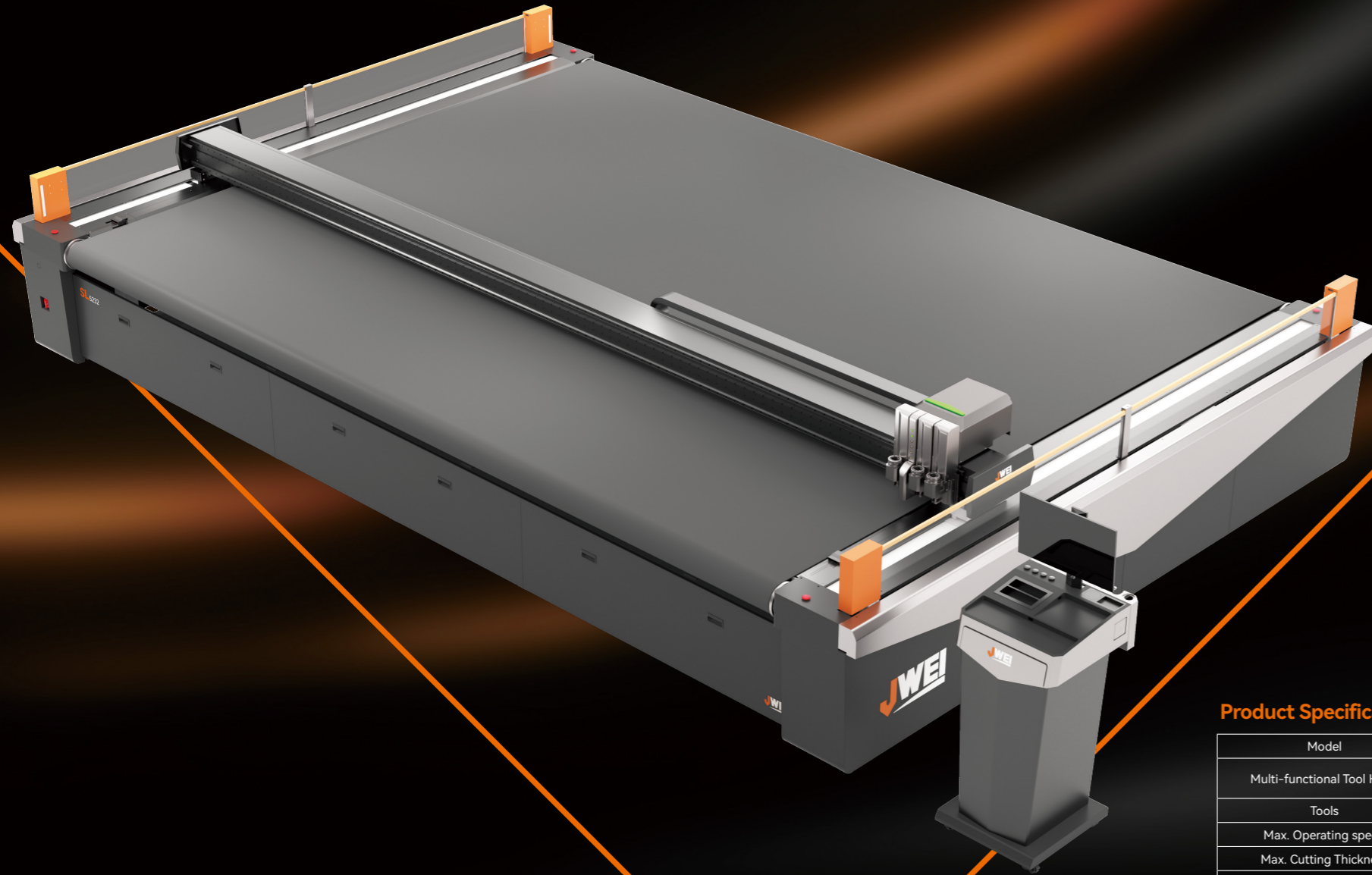
More than 200 patents and software copyrights



SL5232

Large format intelligent integrated cutting system

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Product Specifications

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

Model	SL5232
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
Rated Voltage	380V±10%
Machine Weight	4600kg
Effective Cutting Size (WxL)	5200mm×3200mm
Machine Size (WxLxH)	6557mm×4317mm×1406mm

Note:* Dependent on materials and application



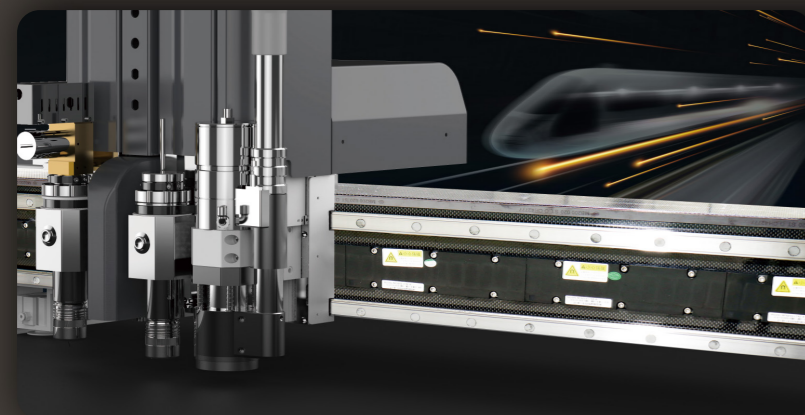
Ultra-High Speed
3m/s



Laser Tool
Alignment

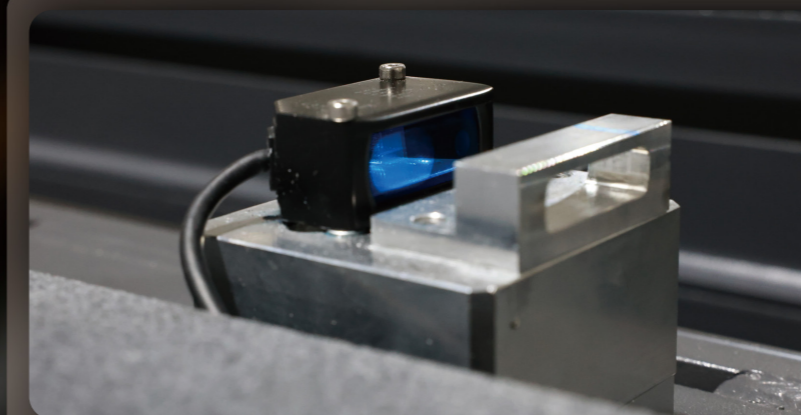


Large-Format



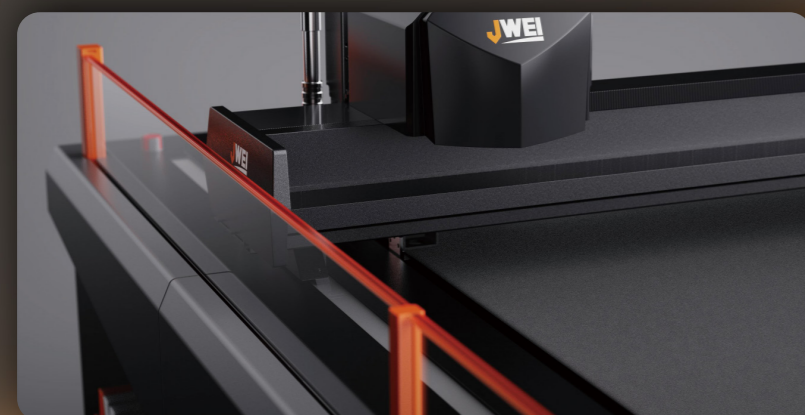
Magnetic Levitation Drive + Linear Motors

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



Laser Tool Alignment

Eliminates potential errors from traditional mechanical alignment



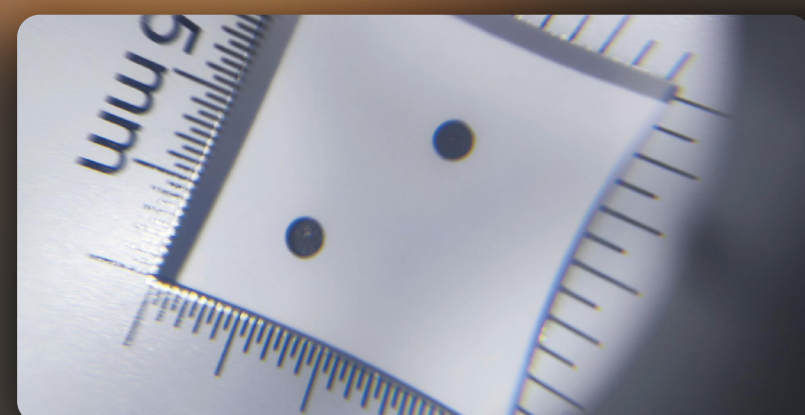
Four Layers of Safety Protection

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



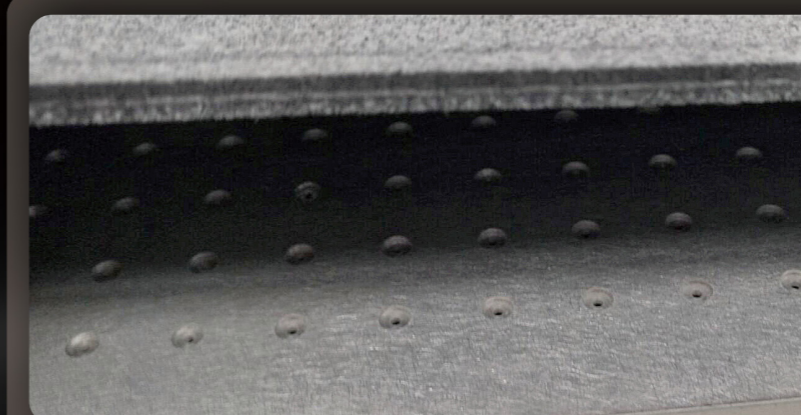
Newly upgraded CAD operating software

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



Advanced motion control for ultra-fine cuts

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



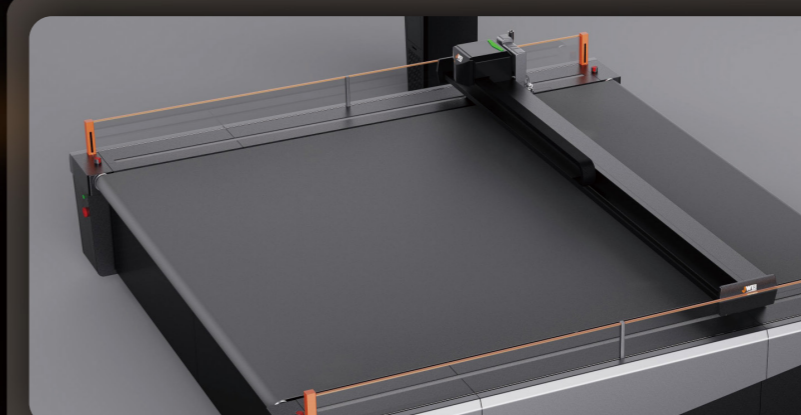
Superior material fixation with next level noise reduction

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



Automatic Tool and Milling Cutter Exchange

Eliminates manual intervention, optimizing changeovers for maximum efficiency



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
...



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