PACKAGING
GRAPHICS

SG 1625

New generation cutting & finishing solution

JINGWEI
SYSTEMTECHNIK

NINGBO JINGWEI SYSTEMTECHNIK LTD., founded in 1993, is a high-tech enterprise specialized in CAD/CAM and engineering database development and application. Company with "perseverance of technological revolution" for the purpose, and constantly promote product development and innovation. With years of technological innovation, market development and customer service, JWEI has become the leader in the domestic flexible material cutting industry, and has considerable international visibility and influence. JWEI is committed to providing small batch with dieless cut production solutions for the global packaging and graphics industry, which can meet the high quality, high speed and high efficiency of processing and cutting of various materials. In the future, we will continue to boost domestic and foreign packaging graphics users to solve the problem in small batch production. JWEI launched the "Digital Cutting System For Packaging Graphics Industry", which provides design and proofing and small batch production services for the global packaging and graphics industry, to develop the best and fastest solutions for customers and improve the comprehensive competitiveness of enterprises.

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

SG1625

New generation cutting & finishing solution

Our innovation. Your success.

Product Specifications

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

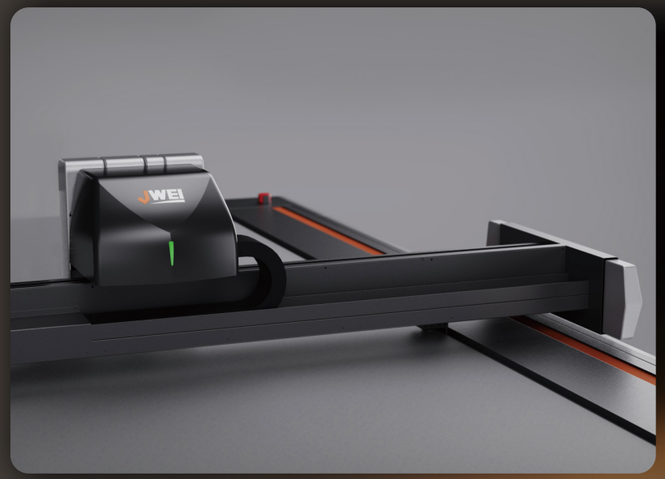
Model	SG1625	
Tool head	2 Tool heads	3 Tool heads
Multi-functional Tool Head	Multi-functional Tool Head Multi-tool fixing holes, quick insert tool fixing, easy-to-replace cutting tools, plug-and-play, set cutting, creasing, drawing, router and other functions in one, optional ATC module.	
Tools	Electric oscillating tool, drag knife, rotary tool, router tool module, plotting tools, etc.	
Fastest speed	2000mm/s *	
Max. Cutting Thickness	50mm *	
Repeat Precision	< 0.05mm *	
Cutting Materials	Cardboard, corrugated, greyboard, PVC/PET, EPE/EVA, hollow sheet, honeycomb panel, flexo, 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 screws, grinding level 0 backlash helical teeth	
Instruction system	HP-GL compatible format	
Rated Capacity	12.4kVA	14.4kVA
Rated Voltage	380V±10%	
Machine Weight	1515kG	1640kG
Effective Cutting Size (WxL)	1600mm×2500mm	
Machine Size (WxLxH)	2570mm×3380mm×1415mm	

Note: * Dependent on materials and application

Fast & precise

Noise reduction upgrade

Automatic Tool Changer



Reimagined Design

Advanced industrial design
Featuring a polygonal fold structure for a sleek contemporary aesthetic

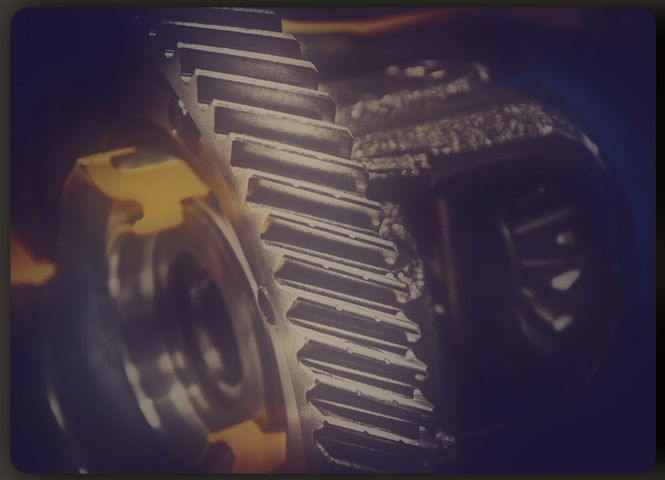
Enhanced ergonomics
A superior user experience enhanced by stability and durability

Performance that delivers

Improved speeds
Now 33.3% faster than the previous generation

New proprietary chip for precision motion
Ultra precise 0.00015s motion control for redefined speed, accuracy, and efficiency

One touch start
Effortless set-up for instant activation



Increased accuracy

Enhanced precision
Delivered by a fully proprietary control system

Advanced stability
Powered by a modular integrated machine structure

Grinding grade drive system
Engineered with a high-precision gantry control algorithm

Stronger vacuum hold
Over three times the suction power to ensure complete material stability on the bed

Optimized functionality

Smart control software
Simplified operation in a single step

Modular design, flexible splicing

Versatile operating platform
A variety of tools and blades for an efficient workflow

Noise reduction technology
Now 64db for lower sound and lower frequency

Maximized Intelligence

MES System
Streamlining production for smooth operation

Automatic tool changer*
Hands free, completing complex changes with one click

Additional highlights

NFC Access Control

Wireless charging

Automatic tool setting

Scene software

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Note: * Optional

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NINGBO JINGWEI SYSTEMTECHNIK LTD.

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