



Our innovation. Your success.

GERMANY PARTNER



PLOTTER FIX GMBH

Adresse: Felix Wankler Str.15 53859 Niederkassel

Hotline: 0228 522 640 77

Email: support@plotter-fix.de

www.plotter-fix.de



JINGWEI

SYSTEMTECHNIK

With a 30-year legacy of innovation and excellence, Jingwei 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⁺

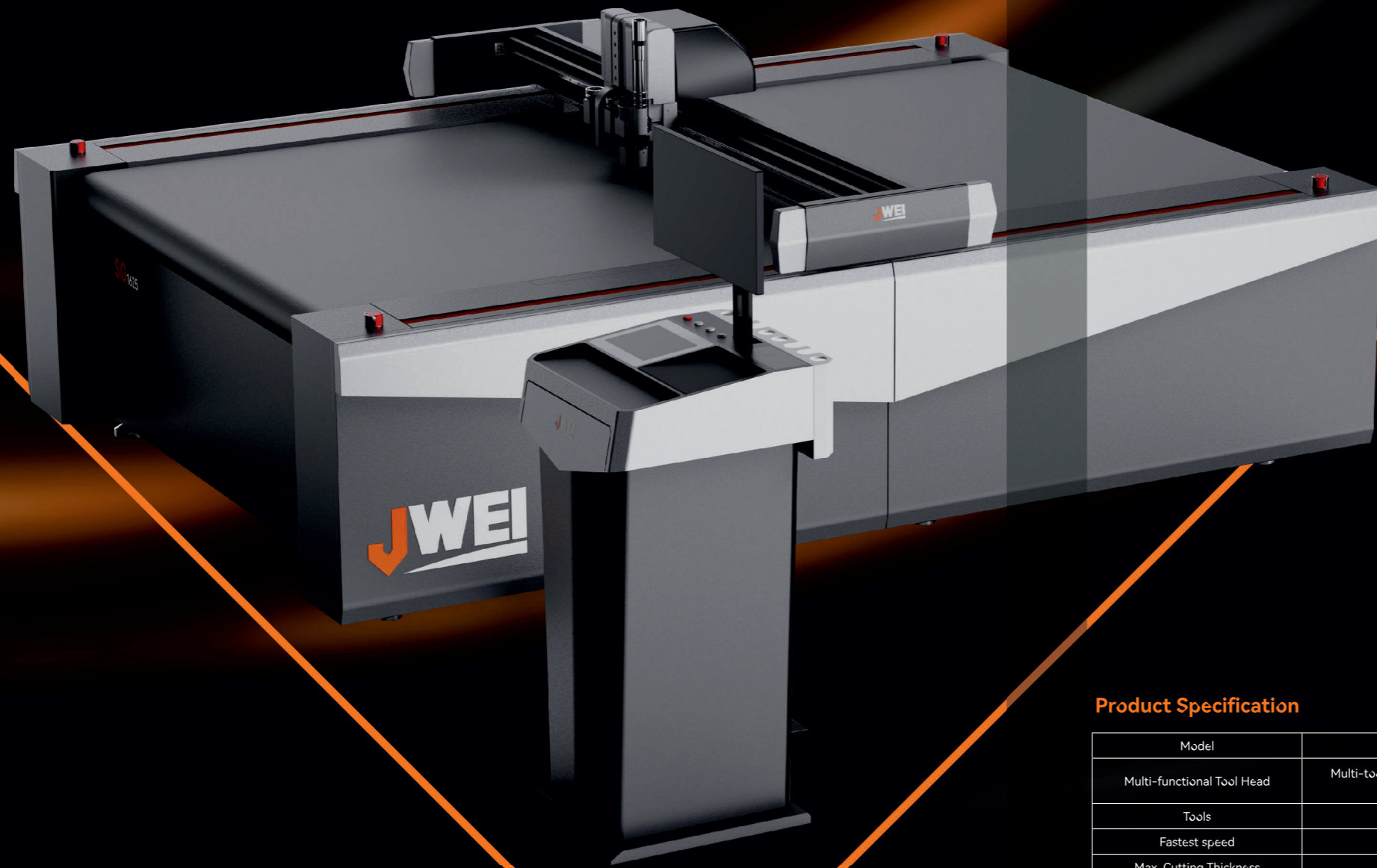
More than 200 patents



SG1625

Intelligent integrated cutting solution

Our innovation. Your success.



Product Specification

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

Model	SG1625
Multi-functional Tool Head	Multi-tool fixing holes, tool quick insert 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	ABS board, PVC board, space board, aluminum-plastic board, lamp sheet, back glue, PVC board, KT board, acrylic, magnetic sticker, self-adhesive 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, grinding level 0 backlash helical teeth
Instruction system	HP-GL compatible format
Rated Power	13kW
Rated Voltage	380V±10%
Machine Weight	1100kg
Effective Cutting Size (WxL)	1600mm×2500mm
Machine Size (WxLxH)	2485mm×3420mm×1365mm



Fast & precise



MES system



Automatic Tool Changer

Note: * Dependent on materials and application



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.



Optimised functionality

Smart control software

Simplified operation in a single step

Modular design, flexible splicing

A variety of tools and blades for an efficient workflow

Noise reduction technology

Now 64db for lower sound and lower frequency



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



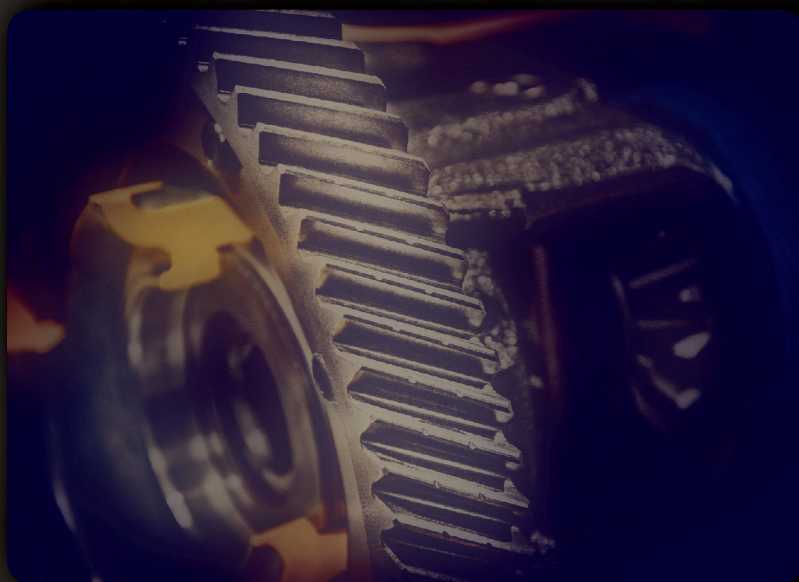
Maximised Intelligence

MES System

Streamlining production for smooth operation

Automatic tool changer*

Hands free, completing complex changes with one click



Increased accuracy

Enhanced precision

Delivered by a fully proprietary control system

Advanced stability

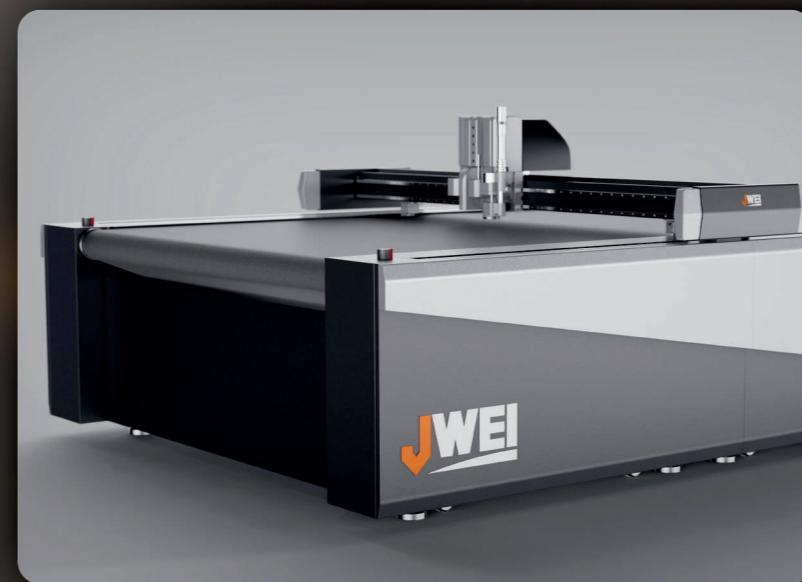
Powered by a modular integrated machine structure

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



Additional highlights

NFC Access Control

Wireless charging

Automatic tool setting

Scene software

Automatic router tool change*