Chinese OEM 5 Axis CNC Bridge Saw Exporter WANLONG: Facilitating International Partnership

QUANZHOU, FUJIAN, CHINA, September 25, 2026 / EINPresswire.com/ -- International stone machinery distributors and regional equipment dealers require dependable manufacturing partners capable of delivering high-precision CNC stone cutting systems tailored to regional electrical codes and diverse fabrication workflows. Sourcing through trading intermediaries frequently introduces build quality inconsistencies, unverified component sourcing, and inadequate after-sales engineering support. To address regional customization requirements and eliminate supply chain intermediaries, Fujian Wanlong Times Technology Co., Ltd. (WANLONG) manufactures and exports OEM 5 axis CNC bridge saw cutting machinery backed by 33 years of direct manufacturing heritage and accredited ISO/CE compliance. Operating from modern industrial facilities, WANLONG supports global machinery dealers with flexible private-label branding, customized mechanical configurations, and responsive factory technical support across more than 180 countries.

METRIC	UNIT	CNC-5 JET PRO
Linear axis journey (X-Y-Z)	mm	3700-2460-300
C axis journey	n°	0-360
A axis journey	n°	-1-91
Blade diameter	mm	350-500
Main motor power	kW	18.5
Main motor rated rotation	r/min	3600
Rated linear speed (X-Y-Z)	m/min	30-30-6
Main motor rated torque	Nm	49.1
C axis rated rotation speed	r/min	17.3
A axis rated rotation speed	r/min	20.66
Vacuum sucker numbers	pcs	4
Max. capacity of vacuum sucker	kg	150
Maximum rotation speed of electric spindle	r/min	24000
Table size	mm	3200×2000 (3500×2100 optional)
Total power of machine	kW	36.45
Overall dimensions (L × W × H)	mm	5850×3420×4000
Machine weight	kg	4400
Water consumption	L/min	15-25



Evaluating the Sourcing Landscape: Commercial Intermediaries Versus Dedicated OEM Facilities
For overseas machinery importers, the distinction between a trading broker and a dedicated production facility directly dictates long-term commercial risk. Commercial intermediaries

typically lack internal fabrication infrastructure, relying on third-party sub-assemblers who frequently alter component brands, steel frame wall thicknesses, and electrical configurations between production batches. When an imported machine experiences kinematic deviations, software glitches, or structural resonance on a fabricator workfloor, trading agents cannot access source CAM programming or provide engineering-level root cause diagnostics. The resulting prolonged equipment downtime and recurring warranty claims damage the reputation of regional distributors and erode after-sales profitability.

Conversely, partnering directly with an established OEM manufacturer eliminates intermediaries and guarantees complete structural and electrical transparency. Direct manufacturing facilities maintain full ownership of casting fabrication, stress-relieving heat treatments, precision milling of guideway datum surfaces, and numerical control integration. This centralized manufacturing control allows international distributors to specify exact electrical voltage standards, customize mechanical stroke envelopes, and maintain uncompromised machine reliability across every delivered unit. By dealing directly with the engineering team responsible for machine design, distributors receive immediate technical assistance, factory acceptance test verification, direct spare parts pricing without intermediary markups, and reliable component traceability.

Manufacturing Scale and Engineering Foundations of WANLONG
Among Chinese machinery manufacturers, Wanlong Times Technology Co., Ltd. (Wanlong Group) stands out with 33 years of continuous manufacturing excellence since its founding in 1993 in Quanzhou, Fujian. Operating two specialized industrial parks spanning 64 acres with 40,000 square meters of production and testing facilities, the company is built on genuine manufacturing capacity rather than assembly brokerage. The enterprise maintains an internal research and development department of nearly 100 professionals dedicated to advancing stone processing machinery and precision diamond tooling.

To satisfy the rigorous durability standards of international markets, WANLONG incorporates genuine European imported core components within its five-axis CNC bridge saw architecture. Key transmission elements, including precision-ground helical racks, high-load linear guide rails, and high-frequency electro-spindles, are selected from top-tier European suppliers. These precision components are integrated with rigid, stress-relieved monoblock machine beds, delivering a high-rigidity platform that achieves a positioning precision of 0.1 mm or lower across extensive travel strokes (3700 mm on the X-axis, 2460 mm on the Y-axis, and 330 mm on the vertical Z-axis). The synchronized dual-drive configuration along the Y-axis utilizes zero-backlash couplings, preventing gantry skewing during rapid traversals and heavy lateral milling operations.

Flexible OEM/ODM Customization and Private-Label Manufacturing
International distributors operate in diverse regional markets with varying architectural preferences, workshop space constraints, and electrical regulations. Recognizing these distinct requirements, WANLONG provides flexible OEM and ODM engineering customization across mechanical, electrical, and software dimensions. The factory accommodates small-batch trial

orders, allowing overseas machinery dealers to validate bespoke configurations within regional territories before scaling inventory.

WANLONG adapts machine footprints and table sizes (standard 3200 × 2000 mm or optional 3500 × 2100 mm with hydraulic tilting) to specific client processing envelopes. For high-value, complex stone fabrication, distributors can configure application-tailored upgrade packages across specific models:
Advanced Automation & Material Handling: Optional integrated vacuum suction cup systems (Auto Sucker) for automated slab shifting, external pneumatic control boxes for simplified maintenance, and automatic slab thickness and blade diameter measuring sensors.
Precision Routing & Vision Systems: High-speed electro-spindles reaching up to 24,000 RPM for fast milling, sink cutouts, and 3D bas-relief engraving, paired with machine-mounted wide-angle cameras for optical photo positioning and nesting optimization to maximize slab yield.
Turnkey Private-Label & Tooling Support: Dedicated private-label branding services for global equipment lines, native CAD/CAM software supporting direct DXF/DWG file import on responsive touchscreens with international multi-language operator interfaces, and customized matched diamond tooling (tailored saw blade diameters, segment matrices, silent body designs, and custom diamond wire saw formulations).
This modular customization structure enables distributors to build tiered equipment catalogs—from high-efficiency standard slab cutters to fully automated multi-axis machining centers—without surplus hardware costs.

Export Compliance and Structured International Documentation
Navigating cross-border regulatory frameworks requires an OEM partner with verified international compliance credentials. The manufacturing facilities of WANLONG operate under SGS-certified ISO 9001:2015 quality management protocols. Under these strict procedures, every production stage—from raw steel plate inspection to final dynamic cutting verification—adheres to documented standards. The company has earned prestigious official distinctions, including recognition as a National High-Tech Enterprise and the Second Prize of the National Science and Technology Progress Award, confirming its status as an established manufacturing benchmark.

For European, American, and Middle Eastern distribution partners, WANLONG supplies a complete export compliance documentation package. Each five-axis machine is accompanied by an official Declaration of Conformity (DoC) demonstrating compliance with European Machinery Directive 2006/42/EC, alongside harmonized standards EN 12418:2021, EN ISO 12100:2010, and EN 60204-1:2018. This thorough documentation package simplifies customs clearance, satisfies regional safety inspections, and protects distributors from regulatory delays. In addition, machines undergo rigorous pre-shipment anti-corrosion treatment and sea-freight reinforced packaging to ensure flawless arrival after long-distance maritime transit, preserving mechanical alignment from the factory floor to the client facility.

Long-Term Distributor Enablement and Factory Support Networks
The commercial value of an OEM partnership extends well beyond initial equipment delivery.

With machinery actively running across 180 countries and regions worldwide, WANLONG has structured a multi-tiered technical support network designed to assist distributor service teams. Factory-trained service engineers provide 24-hour technical assistance via direct communication channels and remote diagnostic tools, connecting directly to CNC interfaces to assist with parameter optimization, error code analysis, and complex CAM path setups. Camera remote monitoring systems allow factory technicians to visually inspect machine behavior in real time, accelerating troubleshooting and reducing on-site maintenance requirements.

In addition, WANLONG leverages its specialized stone sample analysis laboratory to test local stone varieties submitted by overseas partners, formulating matched diamond blades and milling tools calibrated specifically for regional stone hardness. This unique integration of diamond tooling formulation and heavy machinery manufacturing creates a complete operational ecosystem. Supported by structured multi-lingual technical documentation (including English and Italian versions), a centralized spare parts inventory, and rapid logistics channels, WANLONG empowers international distributors to build highly profitable, dependable machinery businesses. Equipment distributors and procurement agencies can explore OEM partnership details through the official portal at https://www.wanlongtimes.com/ .

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