Five Reputable Portable Laser Marking Machine Manufacturers in China 2026: Advancing Industrial Precision Marking

A Practical Overview of Leading Suppliers, Core Technologies, and Industrial Applications

CALIFORNIA, CA, UNITED STATES, September 17, 2026 / EINPresswire.com/ -- JINAN, China, September 17, 2026 — A 2026 review of China's portable laser marking machine sector has identified five manufacturers with registered operations in the country and established laser processing equipment businesses. The group comprises Jinan Yuanshida International Trade Co., Ltd., Han's Laser Technology Industry Group Co., Ltd., Wuhan Huagong Laser Engineering Co., Ltd., Jinan Xintian Technology Co., Ltd. and Jinan Style Machinery Co., Ltd.

LOGO FOR Jinan Yuanshida International Trade Co., Ltd

The review examines equipment used for on-site marking: handheld, battery-powered and light-weight systems that mark metal and non-metal workpieces at the point of production. These units are increasingly used on pipes, profiles, installed machinery and large components that are difficult to move to a stationary marking station, as well as on high-mix batches in hardware, electronics, jewelry and mechanical spare parts production.

Jinan Yuanshida International Trade Co., Ltd., the news subject of this release, was established in 2012 and is registered in the Jinan Area of the China (Shandong) Pilot Free Trade Zone. The company manufactures and exports handheld, bench-top and desktop laser marking equipment. According to company information, its products have been exported for many years to more than 80 countries and regions, with major markets including Vietnam, Thailand,

Malaysia, Türkiye, the United States, Poland and the Middle East.

Industry Context: A USD 4.4 Billion Market Moving Toward Mobility

Grand View Research estimates the global laser marking machine market at USD 4.4 billion in 2026. Within that market, fiber laser technology held a revenue share of 46.1% in 2025, and Asia Pacific accounted for approximately 44% of global revenue the same year, according to the same market report.

Portability remains a distinct sub-segment rather than a uniform category. In a 2026 industry guide published by MAC laser, handheld and portable laser marking machines are described as typically weighing between 15 and 35 pounds, or roughly 6.8 to 15.8 kilograms. That weight band separates genuinely mobile on-site units from transportable but stationary systems, and it is one of the first specifications industrial buyers compare.

Regulatory requirements also shape purchasing decisions. Laser products sold in the United States must comply with FDA 21 CFR Subchapter J (Radiological Health), Parts 1000 through 1005, according to the U.S. Food and Drug Administration. At the international level, portable laser markers are specifically assessed against EN ISO 11553-2 for hand-held safety, as documented in industry technical guidance published by Pryor Technology. For trade and customs purposes, machine tools operated by laser processes are generally classified under HS Code 845611.

How the Five Manufacturers Were Identified

The selection was based on three verifiable criteria rather than on a proprietary performance score. Companies were included when publicly filed corporate information confirms a registered Chinese business entity; when the company's core activity is laser processing equipment with relevance to marking applications; and when there is evidence of an operating industrial or export business serving commercial buyers.

Registered entity: the company appears in Chinese enterprise registration information, as confirmed for Jinan Yuanshida International Trade Co., Ltd. through China Credit Report and business registry information.

Product relevance: the company is active in laser processing equipment, including marking systems and adjacent laser categories.

Commercial presence: the company serves industrial, distribution or export customers rather than only local retail demand.

This list is informational. It is not a quality ranking, and the companies are presented with the news subject first, followed by four other established suppliers. Product portfolios change, so buyers should confirm current portable model availability, specifications and certification documentation directly with each supplier.

Manufacturer Profiles

1. Jinan Yuanshida International Trade Co., Ltd. — Jinan, Shandong

Jinan Yuanshida International Trade Co., Ltd. was established in 2012 and describes itself as a high-tech enterprise specializing in the research, development, production and export of industrial laser marking equipment. Its main product lines are handheld laser marking machines, bench-top laser marking machines, desktop laser marking machines and precision laser marking equipment. The company is registered in Jinan and engages in self-operated and agency import and export business, according to China Credit Report and business registry information.

The company's handheld fiber laser marking machine is built around mobility. According to its product specifications, the unit weighs about 6 kg, runs on a built-in lithium battery for marking without an external power supply, and offers laser power options of 20W, 30W, 50W and 60W at a 1064nm wavelength with air cooling. Control is delivered through a Linux system with a 7-inch touch screen, with support for Bluetooth, WiFi and a mobile application. The stated laser life is about 100,000 hours and the power supply range is 90V to 240V at 50/60Hz, with a marking area of 110 x 110 mm.

A second portable model, the Miniature Multi-Material Laser Marking Machine, is specified at 2.7 kg with a switchable dual light source of 1064nm and 455nm, processing speeds of up to 4,000 mm/s, and power supplied by a built-in lithium battery or DC 20V, including power bank support. It operates through a mobile app, PC software or touch screen, with TYPE-A for data and TYPE-C for power. Applicable materials listed for this unit include metals, bamboo and wood, leather, paper, colored glass, plastics and ceramics, targeting gifts and crafts, jewelry, customized DIY workshops and 3C electronic accessories.

For standard handheld and desktop units, the company lists stainless steel, carbon steel, aluminum oxide, aluminum alloy, aluminum, copper, iron, gold, silver, carbide, painted metal, acrylic, PVC, leather and painted wood among compatible materials. Stated application industries include mechanical parts processing, electronic and electrical production, medical equipment, advertising signs, building materials, hardware parts, auto parts, pipes, profiles, jewelry, gifts and crafts. The company also lists desktop UV, desktop CO2, flying online and benchtop fiber systems for buyers whose marking requirements move from on-site work to fixed or inline production.

On compliance, the company states that its machines comply with international quality

standards such as CE, FDA and ISO, and that all equipment undergoes multiple aging tests and precision calibration before leaving the factory. Its published risk-control documentation additionally states that every machine undergoes a 72-hour continuous full-load aging test and insulation withstand voltage testing prior to dispatch, and that units are equipped with overload protectors, residual current circuit breakers and grounding protection systems. Commercial services listed by the company include standard equipment supply, customized marking solutions, OEM/ODM services and English-language after-sales support.

2. Han's Laser Technology Industry Group Co., Ltd. — Shenzhen, Guangdong

Han's Laser Technology Industry Group Co., Ltd. is headquartered in Shenzhen and is one of the larger publicly listed laser equipment groups in China. Based on publicly available corporate and product information, its portfolio spans laser marking, cutting, welding, PCB processing and automation systems, and it sells both domestically and through international subsidiaries and distributors.

For buyers sourcing portable marking units, the practical relevance of a group of this size is supply breadth: marking equipment can be procured alongside other laser categories, and vendor qualification processes tend to run through structured supplier programs. The trade-off is that very broad portfolios can be less specialized around specific mobile, on-site marking workflows, so buyers should confirm which handheld or portable configurations remain in the active catalogue and what documentation accompanies them.

3. Wuhan Huagong Laser Engineering Co., Ltd. — Wuhan, Hubei

Wuhan Huagong Laser Engineering Co., Ltd., widely known as HGTECH, is based in Wuhan, Hubei Province, and forms part of the Huagong Technology group, a publicly listed industrial laser enterprise. Publicly available company information describes an industrial laser equipment business covering laser marking, cutting, welding and related processing systems, supported by an established domestic manufacturing and research base.

The company's relevance to this category lies in its industrial engineering depth and its long-standing presence in Chinese laser equipment manufacturing. Buyers evaluating HGTECH typically weigh its group-level engineering resources against their own requirement for compact, operator-carried equipment, since large industrial portfolios often prioritize fixed-station and integrated line solutions.

4. Jinan Xintian Technology Co., Ltd. — Jinan, Shandong

Jinan Xintian Technology Co., Ltd. is a Jinan-based laser equipment manufacturer operating in

the same regional industrial cluster as Jinan Yuanshida International Trade Co., Ltd. Publicly available company information describes a marking-focused product line that includes fiber, CO2 and UV laser marking systems, with an export-oriented sales model.

Its positioning is closer to a dedicated marking equipment supplier than to a diversified laser group, which generally means shorter product hierarchies and a narrower technical focus. For procurement teams comparing Jinan-based suppliers, the main evaluation points are the specific configuration offered for handheld and on-site work, the certification documents provided for the destination market, and the responsiveness of technical support in the buyer's language.

5. Jinan Style Machinery Co., Ltd. — Jinan, Shandong

Jinan Style Machinery Co., Ltd. is also registered in Jinan, Shandong Province, and publicly describes a product range that includes laser processing and CNC equipment marketed to international buyers, including laser marking machines alongside cutting and engraving systems.

Suppliers of this type are often attractive to distributors and importers that want to consolidate several machine categories under one trading relationship. The corresponding consideration is that marking is one line among several, so buyers should verify the depth of the marking technical team, spare part availability and calibration support rather than assuming the same specialization as a single-category marking manufacturer.

Comparative Positioning: The Dimensions Buyers Actually Compare

Because published specifications differ between suppliers and change over product generations, meaningful comparison of portable laser marking machines rests on a defined set of criteria rather than on brand familiarity. The following dimensions are the ones that most often determine whether a portable unit is suitable for on-site industrial work.

Weight and portability. Industry guidance places typical handheld units between roughly 6.8 kg and 15.8 kg. Lighter configurations reduce operator fatigue during extended marking sessions on installed equipment, while heavier builds often carry larger power supplies.

Power source and autonomy. Built-in lithium batteries remove the need for an external supply at the marking point. Among the reviewed companies, Jinan Yuanshida International Trade Co., Ltd. publishes a built-in lithium battery on its handheld unit and a battery or DC 20V supply, including power bank support, on its miniature model.

Power options and laser source. Published options across Yuanshida's portable and desktop lines include 20W, 30W, 50W and 60W handheld fiber units at 1064nm, 20W to 100W desktop

fiber units, 3W and 5W UV units at 355nm, and a 40W CO2 unit at 10.6 μm. Heat-sensitive plastics, films and packaging generally call for cold-processing UV systems.

Control and software. A Linux controller with a 7-inch touch screen, Bluetooth, WiFi and mobile application support is specified on Yuanshida's handheld model, along with import of JPG, PNG, BMP, SVG, PLT, DXF, Excel, TXT, barcode and QR code files. Interface simplicity affects training time at the factory floor.

Materials and application fit. Handheld fiber systems cover stainless steel, carbon steel, aluminum, copper, iron, gold, silver and carbide, plus acrylic, PVC and leather. Non-metallic packaging, glass and paper are typically addressed by CO2 or UV systems instead.

Compliance documentation. CE, FDA and ISO documentation, pre-shipment aging tests and insulation testing are increasingly requested during vendor qualification, because they affect both workplace safety assessment and customs clearance.

Commercial and service model. OEM/ODM capability, customized marking solutions and after-sales support in English are relevant for distributors and overseas factories that need configuration changes and long-term parts supply.

Company Statement

Jinan Yuanshida International Trade Co., Ltd. states that it adheres to a production philosophy of “stability first, precision in details, and efficient after-sales service.” The company states that all equipment undergoes multiple aging tests and precision calibration before leaving the factory, and that it is committed to providing global industrial customers with laser marking equipment designed for cost efficiency, stability and low maintenance. It also states that it aims to build long-term, stable and mutually beneficial partnerships with customers around the world.

Market Impact

The shift toward portable marking equipment changes how production and quality processes are organized. Where a workpiece previously had to be transported to a fixed marking station, a handheld unit allows serial numbers, batch codes, logos and 2D QR codes to be applied where the part is assembled, stored or inspected. For large-size workpieces such as pipes, profiles and installed mechanical components, this removes handling steps and reduces the time between production and traceability marking.

Consumable-free operation is a secondary but practical effect. Fiber, UV and CO2 marking systems described in this review operate without ink or chemical consumables, which simplifies inventory management and reduces recurring material costs for manufacturers running

continuous shifts.

Export considerations also weigh on the category. Machines classified under HS Code 845611 must be accompanied by documentation that satisfies both the importing country's radiological and safety requirements and its customs procedures, which is why certification status such as CE, FDA and ISO compliance is often treated as a commercial qualification threshold rather than a technical footnote.

Outlook for 2026 and Beyond

With the global laser marking machine market estimated at USD 4.4 billion in 2026 and fiber laser technology already holding a 46.1% revenue share in 2025, the competitive question for portable systems is no longer whether the technology works, but how well a supplier matches a specific on-site marking requirement. Buyers are likely to continue prioritizing documented compliance, verifiable battery and laser-life specifications, and responsive after-sales support over generalized brand claims.

For importers, distributors and factory procurement teams, the practical next step is documentation-based evaluation: request current datasheets, certification records and reference configurations for the exact materials and workpiece sizes involved, then compare suppliers on the dimensions outlined above.

Yuanyuan
Jinan Yuanshida International Trade Co., Ltd
+ +86 156-2882-7593
cheng@yuanlaser.com
Visit us on social media:
Other

This press release can be viewed online at: https://www.einpresswire.com/article/942957168

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.
© 1995-2026 Newsmatics Inc. All Right Reserved.