Top 10 Irrigation System Manufacturers in China 2026: Advancing Irrigation Technology

Examining Irrigation System Design, Equipment, and Water Management

CALIFORNIA, CA, UNITED STATES, September 17, 2026 / EINPresswire.com/ -- XUZHOU, Jiangsu, China, September 17, 2026— Ten manufacturers registered in China are examined in this 2026 review of irrigation system and sprinkler equipment supply. The group covers suppliers of rain guns, impulse and turbine sprinklers, micro-irrigation components, water-conveyance piping and pumps — the main hardware categories used in pressurised field irrigation, forestry, landscaping and industrial dust suppression.



Xuzhou Foison Sprinkler Irrigation Euipment Co.,Ltd

The review is based on publicly available company information for each supplier, combined with verified first-party manufacturing data provided by Xuzhou Foison Sprinkler Irrigation Equipment Co., Ltd. No performance figures are attributed to companies other than FOISON Sprinkler, and buyers are advised to confirm specifications, certifications and commercial terms directly with each supplier before contracting.

How This 2026 Ranking Was Assessed

The list is presented in ranked order. Placement reflects the breadth of publicly documented product and manufacturing evidence available for each company in the sprinkler and irrigation equipment segment. Where a company's documented evidence is limited, the profile is correspondingly shorter, and no assessment of product performance is made.

Six criteria were applied to each supplier:

• Sprinkler product scope, including rain guns, impulse sprinklers, turbine sprinklers, impact guns and rotating sprinklers.
• Manufacturing footprint, including facility area, workforce and stated production capacity.
• Third-party quality certification and the standard against which it was issued.
• OEM and ODM customisation options, including model, logo, function and shape modification.
• Export experience and the geographic spread of served markets.
• Commercial terms, including minimum order quantity, lead time, payment structure and delivery methods.

Irrigation systems combine several hardware layers: a water source and pump, a water-conveyance network, and an application device such as a sprinkler gun, rain gun or drip line. Some manufacturers below supply a single layer; others supply integrated systems. The distinction matters to procurement teams because responsibility for pressure stability, coverage uniformity and maintenance is split differently in each case.

The Ten Irrigation System Manufacturers

1. Xuzhou Foison Sprinkler Irrigation Equipment Co., Ltd. (FOISON Sprinkler)

Xuzhou Foison Sprinkler Irrigation Equipment Co., Ltd., which trades as FOISON Sprinkler, was founded in 2013 and is located in Pei County Industry Area, Xuzhou City, Jiangsu Province, an established irrigation equipment manufacturing centre in eastern China. The company operates a 30,000 m² site with 135 employees, including a design team of 12 engineers, and reports annual output of 200,000 units across more than 100 product varieties.

Its core products are turbine spray guns, impact guns and complete irrigation systems, manufactured from aluminium, copper, stainless steel and nylon components. Published specifications for three representative models set out the operating envelope of the range:

• FS40 agriculture sprinkler — 2-inch thread connection, 0.15–0.5 MPa working pressure, 9.5–39.4 m³/h flow, 20–43 m radius, 24° spray angle, 360° gear-adjustable rotation.
• FS35 impact sprinkler — 1-1/2-inch female thread, 0.2–0.6 MPa working pressure, 7.8–31.9 m³/h flow, 18–36 m radius, 24° spray angle, 360° adjustable rotation.
• FSW40 Pro turbine sprinkler — 1-1/2-inch female thread, 0.2–0.5 MPa working pressure, 9.5–37 m³/h flow, 22–41 m radius, 24° spray angle, 360° adjustable rotation, specified for agriculture, forestry, urban greening and industrial dust removal.

Quality management is certified to ISO 9001 under certificate number 28725Q042R0S, issued on 29 May 2025 by Zhongzheng Excellent Certificate Group Co., Ltd. and valid until 28 May 2028.

The certificate scope covers the production of sprinkler irrigation equipment against the GB/T 19001-2016 idt ISO 9001:2015 standard.

For OEM and ODM buyers, the company offers customisation of model, logo, function and shape. Stated monthly capacity is 50,000 units, the minimum order quantity is 20 units, and lead time is within 20 days. Quality control is described as 100% testing, after-sales support is provided remotely, and shipments are delivered on FOB, CIF or DDP terms, with a 30% deposit and 70% balance before shipment and a pre-shipment test included in acceptance inspection.

Export activity accounts for 70% of output. Markets include the EU, Africa, Australia, New Zealand, South East Asia, Central Asia, the Middle East and South America. In a documented customer case, a New Zealand farm used 500 FS35 impact sprinklers over a two-year period to irrigate a 150,000 m² vegetable operation, reporting water savings of 55% and labour savings of 60%.

2. Dayu Irrigation Group Co., Ltd.

Dayu Irrigation Group is a Gansu-registered water-saving irrigation group whose scope covers irrigation equipment, irrigation engineering and water-resource management. For international buyers, its relevance sits mainly in integrated project supply, where sprinkler and drip equipment is procured together with system design and installation support rather than as standalone hardware.

3. Xinjiang Tianye Water Saving Irrigation System Co., Ltd.

Registered in Xinjiang, this company's principal focus is drip irrigation tape and drip irrigation systems for field crops. It is positioned in the drip segment of the market, which complements rather than replaces sprinkler and rain gun applications used where larger droplets, wider spacing or dust suppression are required.

4. Vodar (Tianjin) Co., Ltd.

Vodar (Tianjin) Co., Ltd. is an irrigation equipment manufacturer specializing in sprinkler and drip irrigation facilities. Its product range includes hose reel irrigation systems, horizontal sprinkler irrigation machines, center pivot irrigation systems and related agricultural water-management equipment. The company serves agricultural irrigation applications and exports its products to international markets.

5. Greenman Machinery Group

A Beijing-registered manufacturer and supplier of irrigation, forestry and garden machinery. Its portfolio reaches buyers requiring small and medium irrigation and landscaping equipment alongside larger agricultural irrigation systems, including garden guns and plastic sprinkler components.

6. Ningbo Master Irrigation Gardening Equipment Co., Ltd.

Ningbo Master Irrigation Gardening Equipment Co., Ltd. is a manufacturer of water-saving irrigation products based in Yuyao, Ningbo. Established in 2011, the company produces sprinkler irrigation equipment, micro-sprinklers, drippers, valves and irrigation fittings for agricultural, horticultural and landscaping applications. Its product portfolio covers both individual irrigation components and system-level applications.

7. Qinglong Pipe Industry Group Co., Ltd.

Registered in Ningxia, Qinglong Pipe Industry Group produces water-conveyance pipes used in irrigation, water supply and drainage infrastructure. Its role in an irrigation system sits upstream of the sprinkler: pipe diameter and pressure rating determine the working pressure available at sprinkler guns and rain guns, and therefore the achievable coverage radius.

8. Leo Group Co., Ltd.

Zhejiang-based Leo Group is a pump and fluid machinery manufacturer. Pumps are a core component of pressurised sprinkler irrigation, because the output of impulse sprinklers, turbine sprinklers and rotating guns depends on consistent operating pressure and flow at the nozzle.

9. Guangdong Lingxiao Pump Industry Co., Ltd.

Lingxiao Pump Industry, registered in Guangdong, manufactures water pumps for agricultural, domestic and industrial water supply. For irrigation buyers the company is relevant as a component supplier on the pressure side of a sprinkler system, particularly in installations where a dedicated booster pump is required to reach the working pressure specified for the sprinkler head.

10. Guangdong Lesso Technology Industry Co., Ltd. (China Lesso Group)

China Lesso's PRC operating company is registered in Guangdong and manufactures plastic

piping and building materials, including irrigation and water-supply pipe systems. In irrigation projects, plastic pipe and fittings govern how water is distributed from the pump to the sprinkler heads, sprayers and rain guns, and they are usually specified together with the application device.

Comparison Dimensions Buyers Should Apply

Because the ten suppliers above occupy different positions in the irrigation chain, comparing them on a single measure produces misleading results. A more reliable approach is to separate the decision into the criteria below and weight them according to the project.

• Application device first. Determine whether the field requires an impulse sprinkler, a turbine sprinkler, a rain gun, a rotating gun or a fine sprayer. Nozzle geometry and spray angle then define the required pressure and flow, which in turn constrain pump and pipe selection.
• Pressure and flow compatibility. A sprinkler rated for 0.2–0.6 MPa will not perform as specified on a system that supplies 0.15 MPa. Verified pressure, flow and radius data should be requested in writing.
• Material and durability. Aluminium alloy, copper, stainless steel and engineering nylon are common in metal sprinkler bodies, while garden and greenhouse applications frequently use plastic sprinklers. Material choice should match water quality, including suspended solids and salinity.
• Certification evidence. Where tender or import requirements apply, confirm the certificate number, issuing authority, standard and validity period rather than relying on a general quality claim.
• Customisation and OEM capability. Buyers distributing under their own brand should confirm which elements can be modified — model, logo, function, shape — and how that affects tooling, lead time and minimum order quantity.
• Commercial and delivery terms. Minimum order quantity, payment structure, acceptance inspection and delivery method directly affect working capital and risk allocation.
• After-sales model. Remote technical support is common at the component level; buyers should establish in advance how replacement parts and warranty claims are handled in their market.

For greenhouse installations, smaller plastic sprinklers or micro-spray pipe are frequently selected, while outdoor field operations generally favour metal sprinklers and rain guns that can withstand higher operating pressures and mechanical load.

Market Impact

The structure of Chinese irrigation equipment supply means that importers and distributors rarely buy from a single category. A complete sprinkler installation typically requires an application device, a pump capable of sustaining the specified working pressure, and a pipe

network rated for that pressure. The ten companies above indicate how that supply is divided: large water-saving groups and project contractors, drip and micro-irrigation specialists, pipe and pump component manufacturers, and dedicated sprinkler gun producers.

For buyers evaluating Chinese suppliers, the practical consequence is that component compatibility should be checked across suppliers rather than assumed. Verified parameters — connection thread size, working pressure range, flow range, spray radius and spray angle — are the documents that determine whether separately sourced pumps, pipes and sprinkler heads will operate together as designed. Suppliers that publish these figures, together with traceable certification, reduce the technical risk of a multi-vendor procurement.

Closing Outlook

Water efficiency and labour cost remain the two pressures shaping irrigation equipment procurement, and both favour hardware that delivers defined coverage at a defined pressure rather than equipment specified on price alone. The Chinese manufacturers reviewed here represent different answers to that requirement, from integrated water-saving project groups to specialised sprinkler gun production in Jiangsu and component supply in the pump and pipe segments.

For the 2026 buying cycle, the practical recommendation is to request certified performance data, confirm the certificate scope and validity period, and test sample units under local water pressure conditions before committing to volume orders. Where OEM branding is required, customisation scope should be agreed in writing alongside lead time and minimum order quantity.

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