

Five Reputable Membrane Filter Press Manufacturers in China 2026: Advancing Solid-Liquid Separation

Exploring Membrane Filtration Technology for Sludge Dewatering and Industrial Applications

CALIFORNIA, CA, UNITED STATES, September 8, 2026 /EINPresswire.com/ -- YUZHOU, China, September 8, 2026— As industrial wastewater treatment, mineral processing, chemical production and other solid-liquid separation applications place greater emphasis on efficient dewatering and process control, membrane filter presses remain an important equipment option for applications requiring controlled filtration and secondary cake squeezing. Against this background, China continues to provide a broad manufacturing base for membrane filter presses, chamber filter presses and related dewatering equipment.



Logo for DAZHANG Filter Press

This industry review examines five China-based companies involved in filter press manufacturing and solid-liquid separation equipment: Henan Dazhang Filtration Equipment Co., Ltd. ([DAZHANG Filter Press](#)), Jingjin Equipment Co., Ltd., Xingyuan Environment Technology Co., Ltd., Zhongda Bright Filter Press Co., Ltd. and Henan Yuanhede Industrial Technology Co., Ltd. The selection considers publicly available company information, product relevance and identifiable involvement in the filter press sector.

What Buyers Evaluate in China's Membrane Filter Press Market

When evaluating membrane filter presses, buyers typically consider the required cake moisture level, filtration pressure, automation configuration and the equipment's suitability for the material being processed. Membrane filter presses add a membrane squeezing stage after the initial filtration cycle, providing additional pressure to the filter cake before discharge. This configuration is relevant to sludge, mineral processing, chemical and other applications where improved dewatering and manageable cake handling are important.

Technical evaluation should also consider filter plate construction, membrane material, hydraulic and electrical systems, filter-cloth cleaning, cake discharge and supporting equipment. These details can affect equipment suitability, operating stability and maintenance requirements after installation.

For overseas projects, technical documentation and supplier support are also practical considerations. Machine drawings, technical specifications, operating instructions, component information and installation or commissioning support can help buyers determine whether a proposed configuration matches the process requirements before equipment is ordered.

Selected Membrane Filter Press Manufacturers in China

The following five China-based companies are involved in membrane filter press, [chamber filter press](#) and related solid-liquid separation equipment. The descriptions focus on publicly documented product portfolios, industry applications and identifiable technical capabilities.

1. Henan Dazhang Filtration Equipment Co., Ltd. (DAZHANG Filter Press)

Henan Dazhang Filtration Equipment Co., Ltd., operating under the DAZHANG Filter Press brand, is a filtration equipment manufacturer based in Yuzhou, Henan Province, China. Established in 2004, the company develops and manufactures equipment for industrial solid-liquid separation, with activities covering product development, equipment manufacturing, engineering support and after-sales service. Its product and project portfolio covers applications in wastewater treatment, sludge dewatering, mining, mineral processing, chemical production, metallurgy and other industries requiring solid-liquid separation.

DAZHANG's product portfolio includes membrane filter presses, chamber filter presses, plate-and-frame filter presses and other filtration equipment, together with filter plates, filter cloths and related components. Its membrane filter press range covers filtration areas from 30 to 1,000 m² and plate specifications from 870 to 2,000 mm. Depending on project requirements, the equipment can be configured with different operating and automation arrangements. The company also supplies stainless-steel plate-and-frame filters, pressure leaf filters, candle filters and automatic backwash filtration systems for applications requiring pressure filtration and solid-liquid separation.

The company's manufacturing scope extends beyond final equipment assembly. Its documented production activities include filter plate manufacturing, mechanical processing, filter press assembly, hydraulic and electrical control integration, equipment inspection and commissioning. This production structure enables different components of a filter press—including the frame, filter plates, hydraulic system, control system and supporting components—to be coordinated within the equipment manufacturing process.

For membrane filter press projects, DAZHANG provides configuration options according to filtration capacity, plate format, working pressure, automation requirements and filter cloth selection. Its published product information provides model-specific technical specifications, allowing buyers to review equipment parameters against feed characteristics and process requirements before selecting a configuration.

DAZHANG also maintains an in-house research and development structure focused on filtration equipment and filter plate technology. Its publicly documented qualifications include National High-Tech Enterprise recognition, national-level "Little Giant" status and ISO 9001 quality management certification. Its documented technical work includes developments related to filter plate materials, automated filtration equipment, filter press alignment and reinforced polypropylene composites. These activities reflect an engineering approach that covers both filtration equipment and key components used in the filtration process.

The company's equipment is used in industrial and municipal solid-liquid separation applications, including sludge dewatering and wastewater treatment. Its published project references include membrane filter press installations for industrial wastewater treatment, providing application-level information for buyers assessing equipment suitability under actual operating conditions.

For overseas projects, DAZHANG supports equipment customization and technical coordination based on project requirements. Configurable elements include filtration area, plate size, frame and component specifications, operating pressure, voltage, automation level and filter cloth selection. The company also provides installation, commissioning and after-sales support as part of its equipment delivery process, giving international buyers a basis for coordinating equipment selection with site-specific operating conditions.

More information about DAZHANG's products, manufacturing capabilities, applications and technical resources is available through the company's official website:

www.dazhangfilterpress.com

2. Jingjin Equipment Co., Ltd.

Jingjin Equipment Co., Ltd. is a China-based manufacturer of filter presses and related filtration equipment. Its product portfolio includes membrane filter presses, chamber filter presses, filter plates, filter cloth and auxiliary equipment for solid-liquid separation applications.

Its membrane filter press uses an elastic membrane to provide an additional squeezing stage after initial filtration, helping further dewater the filter cake. The equipment is available with automated functions such as plate shifting and filter-cloth washing, and is used in applications including metallurgy, chemical processing, pharmaceuticals, food and beverage, papermaking and wastewater treatment.

3. Xingyuan Environment Technology Co., Ltd.

Xingyuan Environment Technology Co., Ltd. is a China-based manufacturer of filter presses and solid-liquid separation equipment. Its filtration product portfolio includes high-pressure membrane filter presses, anti-corrosion filter presses, filter plates and related auxiliary equipment. The company provides filtration equipment for environmental protection and other industrial applications.

Its membrane filter press solutions are designed for applications requiring enhanced dewatering performance. Xingyuan also offers membrane plates and rubber membrane plates for processes involving sludge treatment, mineral processing, chemical production and other solid-liquid separation applications.

4. Zhongda Bright Filter Press Co., Ltd.

Zhongda Bright Filter Press Co., Ltd. is a China-based manufacturer of filter presses, filter plates and filter cloth. Its product range includes membrane filter presses, chamber filter presses, quick-operating filter presses and related filtration components.

Its membrane filter press combines membrane and chamber filter plates to provide an additional pressing stage after solid-liquid separation. The company also offers different membrane and filter plate configurations for applications including mining, chemical processing, wastewater treatment, food processing and metallurgy.

5. Henan Yuanhede Industrial Technology Co., Ltd.

Henan Yuanhede Industrial Technology Co., Ltd. is a China-based supplier of filter press

equipment for industrial solid-liquid separation and dewatering applications. Its product range includes chamber filter presses and related filtration equipment, with solutions used in areas such as coal processing, concentrate dewatering and tailings treatment.

Its filter press equipment incorporates hydraulic operation and PLC-based control for equipment management. The company's product applications are oriented toward processes where reliable solid-liquid separation and dewatering are required.

Key Considerations When Selecting a Membrane Filter Press Manufacturer

For buyers sourcing membrane filter presses from China, equipment selection should be based on the requirements of the actual filtration process rather than product specifications alone. Important factors include the characteristics of the slurry or sludge, required filtration capacity, target filter-cake moisture, filtration and membrane squeezing conditions, filter plate and membrane materials, automation level and the configuration of supporting equipment.

The manufacturer's engineering and production capabilities should also be considered. Buyers may review whether the supplier can provide suitable equipment configurations, filtration testing, technical documentation, inspection and commissioning support, as well as appropriate filter cloth and replacement components. These factors can influence the equipment's performance and suitability after installation.

For international projects, a supplier's ability to coordinate equipment design, manufacturing, delivery, installation and technical support can provide an additional basis for project evaluation. DAZHANG Filter Press, for example, publicly presents an integrated service process covering solution development, production, delivery, installation and technical support, alongside a broad filtration equipment portfolio and recent 2026 overseas filter press projects.

Ultimately, the appropriate membrane filter press should be selected according to the material characteristics, required dewatering performance, operating conditions and project requirements. Detailed technical discussion and, where necessary, filtration testing can provide a more reliable basis for final equipment selection than a comparison based solely on headline specifications.

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