

## Dajia Mingtu Showcases Advanced Solutions as a China Spray Coating Line Manufacturer



**Foshan, Guangdong May 12, 2026 ([IssueWire.com](https://www.issuewire.com))** - The global demand for high-performance surface treatments in the aluminum industry has driven significant technological shifts toward automation and precision. As a professional [China Spray Coating Line Manufacturer](#), Foshan Dajia Electromechanical Technology Co., Ltd. continues to address these evolving requirements through its specialized division, Mingtu Painting. By integrating sophisticated engineering with practical industrial applications, the organization provides comprehensive surface treatment production lines that cater to the rigorous standards of international aluminum profile processing. This development reflects a broader move within the manufacturing sector toward systems that prioritize consistency, material efficiency, and environmental sustainability.

Located in the Langxia Industrial Zone of Foshan City, Guangdong Province, the enterprise operates at the center of China's industrial manufacturing hub. The synergy between Dajia Electromechanical and Mingtu Painting allows for a holistic approach to factory planning. While the former focuses on the intricate design and manufacturing of anodizing and electrophoretic coating systems, the latter specializes in the planning, design, and installation of electrostatic powder and paint spray coating lines. This dual expertise ensures that aluminum profile manufacturers can access a full spectrum of surface treatment solutions under a unified technical framework, facilitating seamless integration from mechanical assembly to final coating processes.

The technical foundation of these systems draws upon established European and American technological principles, adapted to meet the high-capacity needs of modern production environments. The transition from semi-automatic to fully automatic systems represents a critical milestone for the company. In contemporary aluminum processing, automation is no longer a luxury but a necessity to reduce labor costs and eliminate human error in the coating process. By implementing advanced electrostatic powder systems, the coating lines achieve a high degree of uniformity and adhesion, which is essential for architectural and industrial aluminum profiles that must withstand diverse environmental conditions.

The product portfolio managed by the group is extensive, covering every stage of the surface treatment lifecycle. Key offerings include horizontal and vertical powder coating lines, which are engineered to optimize space and throughput depending on the specific facility requirements. Beyond the primary coating equipment, the company also manufactures essential auxiliary systems such as shot blasting machines for surface preparation, RO pure water machines, and environmental protection facilities. These include acid and alkali scrubbers and comprehensive wastewater treatment systems, which allow manufacturers to comply with increasingly strict global environmental regulations while maintaining operational efficiency.

One of the distinguishing factors in the company's approach is the emphasis on whole-plant design and process support. Rather than merely supplying machinery, the team engages in deep collaboration with industrial partners to provide installation, commissioning, and ongoing process technology consultation. This service-oriented model ensures that the equipment is not only technically sound but also perfectly aligned with the client's specific production goals and site constraints. Innovations such as sulfuric acid recovery and aluminum ion removal systems further demonstrate a commitment to resource efficiency, helping clients recover valuable materials and reduce the ecological footprint of their anodizing operations.

The rapid emergence of the firm as a notable entity in the aluminum profile equipment sector is attributed to years of specialized experience and a robust capacity for innovation. By maintaining active exchanges with domestic and international research institutions, the company stays at the forefront of new process development. This dedication to technical advancement is evident in the successful transformation of traditional coating methods into high-efficiency, integrated systems that have earned recognition from large-scale aluminum processing enterprises across the industry.

As the industry moves toward more intelligent and interconnected manufacturing, the role of specialized equipment providers becomes even more pivotal. The ability to offer a complete factory coating line—encompassing everything from initial surface preparation to final protective finishes—positions the enterprise as a vital link in the aluminum supply chain. Manufacturers looking for reliable, technology-driven solutions for their surface treatment needs can find detailed information and technical specifications on the company's official platform: <https://www.dajiamingtu.com/>.

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