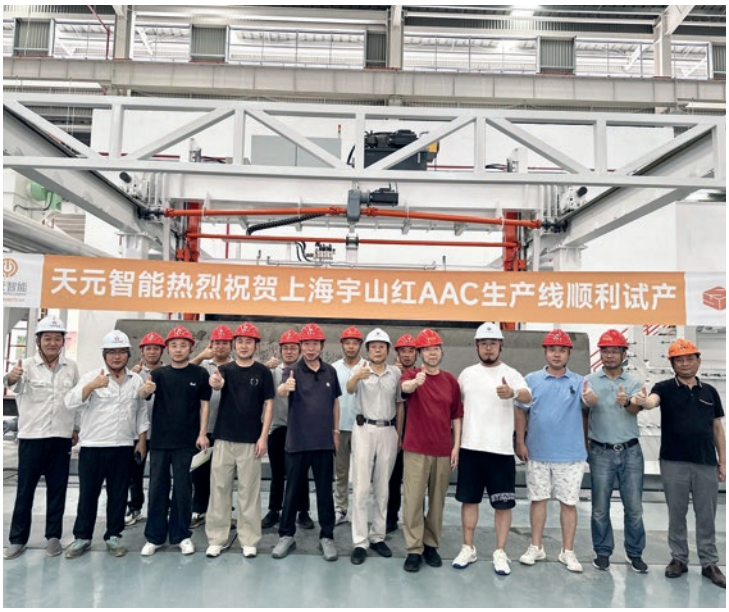
Jiangsu Teeyer Intelligent Equipment Co., Ltd., Changzhou, Jiangsu, China

Shanghai Yushanhong AAC project: setting a new benchmark for intelligent manufacturing

A partnership spanning more than 20 years has laid the foundation for a state-of-the-art, million-cubic-metre-class AAC demonstration plant in Shanghai, China's modern gateway to the world. Developed by Jiangsu Teeyer Intelligent Equipment Corp., Ltd. (Teeyer Intelligent), the project for Shanghai Yushanhong combines high-output production concepts, advanced automation and continuously evolving core technologies, setting a new practical benchmark for high-quality development in the autoclaved aerated concrete industry.

The project not only reflects Teeyer Intelligent's technical accumulation in smart manufacturing but also bears witness to the long-term partnership between Teeyer Intelligent and Yushanhong spanning over two decades of shared growth.



Strategic positioning: two gateways, one shared vision

Shanghai is a vital window linking China to the world, as well as a major hub for advanced manufacturing and industrial innovation.

For Yushanhong, a company deeply engaged in the green building materials sector, the project represents more than an expansion of production capacity and an equipment upgrade. It is also a strategic move to strengthen its manufacturing capabilities and prepare for future market demands.





Shanghai Yushanhong manufacturing facility

With the project as a platform, Teeyer Intelligent's latest generation of intelligent technologies and high-efficiency production concepts have been put into practical application and validated in a manufacturing environment built to higher standards.

With an annual production capacity reaching the million-cubic-metre level and highly integrated intelligent equipment deployed throughout the production process, the project is expected to further strengthen Yushanhong's regional supply capabilities and market competitiveness, while also demonstrating Teeyer Intelligent's technological strength in the intelligent AAC equipment sector.

More than two decades of partnership: long-term commitment, deeper collaboration

Over the past two decades, the relationship between Shanghai Yushanhong and Teeyer Intelligent has evolved from individual equipment projects into a deeper collaboration focused on high-output and intelligent AAC production lines. Together, the two companies have experienced the transformation of the industry and the continuous evolution of production technologies.

Yushanhong has witnessed Teeyer Intelligent's transformation from a traditional equipment manufacturer into an intelligent manufacturing solution provider. In parallel, Teeyer Intelligent has continued to support Yushanhong with technological innovation and reliable equipment, helping the company enhance production capacity, efficiency and overall manufacturing performance.

The Shanghai Yushanhong project marks another step forward in this long-standing partnership. It reflects the two companies' shared commitment to exploring new possibilities in state-of-the-art manufacturing for green building materials, while demonstrating the value created through sustained technological collaboration.

Technology in action: full-servo control for high-output production

Positioned as a modern demonstration line featuring high output and fast production as well as operation, the project incorporates Teeyer Intelligent's latest generation of smart solutions, bringing comprehensive upgrades to both the high-output process configuration and the control of core equipment.

Dual pouring, single cutting: building a million-cubic-metre production platform

The project adopts an efficient dual-pouring production mode, enabling the production system to meet demanding cycle times and capacity requirements while improving material mixing uniformity and pouring stability.







Technological solutions from the Shanghai Yushanhong project represent far more than just an increase in production capacity.



The process system is not constrained by equipment performance bottlenecks, enabling the process solution to be implemented stably and providing strong support for the project to achieve million-cubic-metre-level annual production capacity.

Full-servo control: greater precision and stability for high-output operation

Building on the high-output process configuration, the project introduces high-precision hydraulic servo and travel servo control technologies across its core equipment.

Compared with conventional control systems, the full-servo technology delivers greater control precision, faster response and more stable operation. From green cake handling and mould movement to cutting and separation, key production processes are precisely coordinated to ensure continuous high-cycle production. This coordinated control not only further improves product yield and equipment operating efficiency, but also achieves effective energy saving and consumption reduction.

Conclusion

After more than two decades of collaboration – from individual equipment projects to the joint development of a million-cubic-metre-class production line – the Shanghai Yushanhong project represents far more than an increase in production capacity. It is an achievement born of a long-term partnership built on continuous innovation and mutual growth.

The project provides a practical example of the AAC industry's ongoing evolution toward larger-scale, higher-efficiency and more intelligent production. It also reinforces a simple but enduring principle:

The most valuable partnerships are never defined by a single transaction. They are built on mutual success, continuous innovation and shared growth. ●

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