JIANGSU TEEYER
INTELLIGENT EQUIPMENT CO.,LTD

TEEYER.COM

JIANGSU TEEYER INTELLIGENT EQUIPMENT CO., LTD

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PRAGMATIC PROFESSIONAL INNOVATIVE WIN-WIN

天元智能

TEEYER INTELLIGENT

Stock Code 603273.SH

The Leader of Autoclaved Aerated Concrete Complete Equipment

TEEYER

In 1996, Teeyer pioneered the manufacturing of the first domestic air-tilting cutting machine, breaking the previous reliance on imports.

In 2009, Teeyer took the lead in launching a 6.0-meter fully automated production line.

In 2017, Teeyer developed a new generation of 6.5-meter complete AAC equipment.

Based on absorbing new international technologies, the company has conducted integrated innovation and secondary development, making it one of the leading enterprises in the autoclaved aerated concrete equipment manufacturing industry. On October 23, 2023, the company successfully went public on the Shanghai Stock Exchange Main Board. Stock code is 603273

In 1989

Company founded

Over 30 years

Specialized in the industry for 35 years

Over 1200

Autoclaved aerated concrete production lines have been built

Over 200 lines

Exported to more than 20 countries and regions

In 2023

Listed on the Main Board

603273

Stock code

The first company

Debuted on the main board in AAC industry upstream and downstream

Over 400

Company employees

TEEYER



TO BE A GLOBAL LEADER IN FULL-VALUE-CHAIN SOLUTIONS ACROSS THE AAC INDUSTRY

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TEEYER

TEEYER TIMELINE

1989

Teeyer's predecessor, "No. 3 Machinery Factory of Changzhou Forestry Engineering Machinery Industrial Company" was formally established.

1994

Teeyer joined in China Aerated Concrete Association.

1996

With self-efforts and supports from all parties, Teeyer took the lead in achieving localization of AAC cutting equipment, breaking the previous situation of completely relying on imports, contributing to AAC industry development.

1997

Teeyer expanded overseas markets to receive Malaysian customers for the first time.

2003

The company changed its name to "Changzhou Teeyer Engineering Machinery Co., Ltd.".

The company moved to the new site in Tianning District to meet the continuous growth of AAC and relevant business.

2007

Changzhou Teeyer moved to Changzhou High-tech Zone and changed its name to "Jiangsu Teeyer Intelligent Equipment Co., LTD."

After a decade of dedicated research and careful nurturing,AAC business now constitutes more than 50% of the overall portfolio.It stands in tandem with the construction machinery business, collectively emerging as the backbone of Teeyer.

2013

Teeyer was awarded the "Jiangsu Enterprise Technology Center".

Autoclaved aerated concrete complete equipment was rated as the first complete product identification in Changzhou.



2016

Teeyer was officially listed on the National Equities Exchange and Quotations. Stock code: 837134

2017

The country's first 6.5m autoclaved aerated concrete complete production line was put into production.

Teeyer was rated as a famous brand product in Jiangsu, and further drove business growth through brand effect enhancement.

2020

Teeyer won the first prize of ten hundred thousand innovative enterprises group in Changzhou Innovation and Entrepreneurship Competition.

The three industry standard launching meetings prepared by Teeyer Intelligent were held in Changzhou.

2021

Sales exceeded 1 billion yuan for the first time.

Teeyer was awarded the "Jiangsu Autoclaved Aerated Concrete Complete Intelligent Equipment Engineering Technology Research Center".

Teeyer has been awarded the "Changzhou Three-star Enterprise" for 5 consecutive years.

2022

Teeyer was awarded the first place in "China Building Materials Machinery Industry Wall Material Equipment".

Teeyer was awarded the "Jiangsu Province Specialized New Small and Medium-sized Enterprise", "Jiangsu Province Service-oriented Manufacturing Demonstration Enterprise", "Jiangsu Province May 1st Labor Award".
Elematic Teeyer Construction Technology (Jiangsu) Co., Ltd. was established

2023

On October 23, 2023, the company successfully debuted on the Shanghai Stock Exchange Main Board. Stock code: 603273

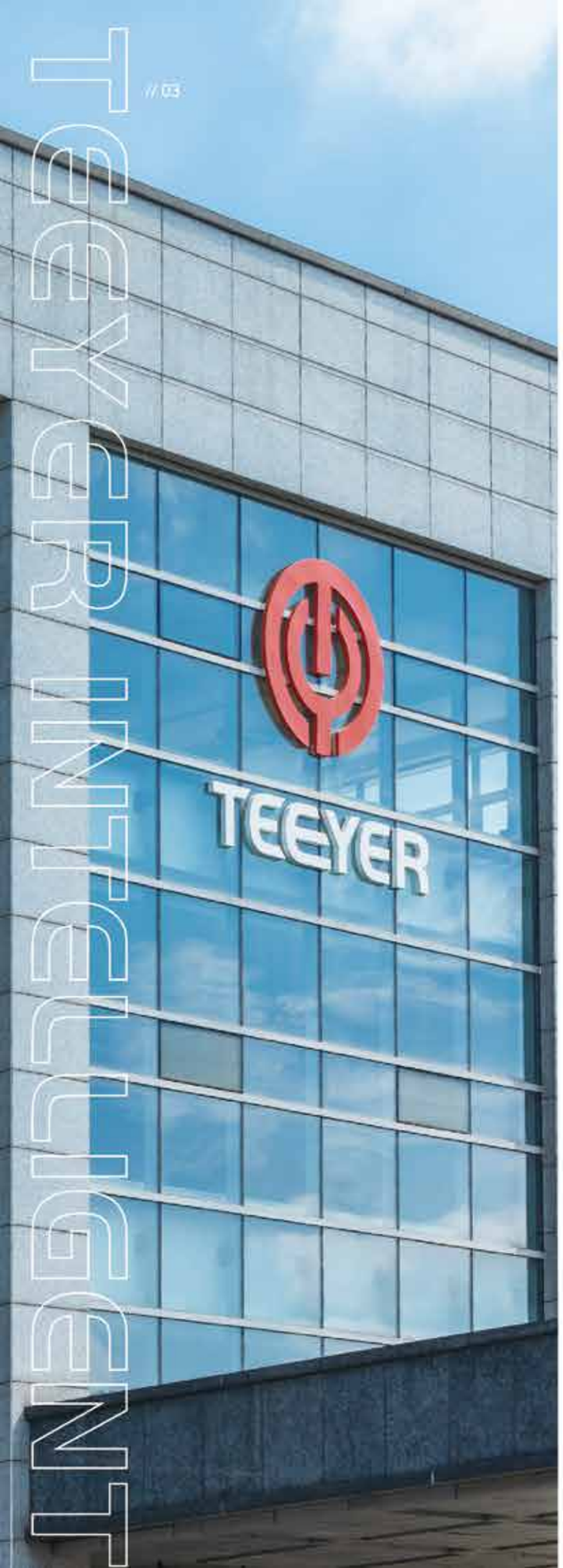
2024

Teeyer was once again awarded the first place in "China Building Materials Machinery Industry Wall Material Equipment".

Jutone Leading (Jiangsu) Intelligent Equipment Co., Ltd. was established

2025

Wehrhahn Teeyer Smart Technology (Changzhou) Co., Ltd. Teeyer Intelligent International Holdings Co., Ltd. was established



AAC PRODUCTION LINE MEMORABILIA

1995
Suzhou Wangting
The first cutting machine (STEMA 4.0m)

2001
Guangzhou Development
The first 6.0m production line

2009
Zhejiang Sonata
The first fully automatic block production line

2012
Zetong Hangga
The first fully automatic panel production line

2017
UBlok Advanced Materials Co., Ltd.
The first panel mesh automatic conveying circulation production line

2017
Huaian Huineng
The first 6.5m automatic production line

2018
Huaian Huineng
The first chain traverse type tilting table

2019
Yangzhou Xiongyue
The first dry material conveying type tilting table

2021
Zhejiang Tianyuan
The first side plate conveying automatic production line

2021
South Korea Giant
The first ultra-smooth product cutting machine

2022
China Resources Fengkai
The first automatic mould cleaning machine

2023
Shandong Laishidun
The first 6.6m fully automatic production line

2024
Guangdong Langhui
The first intelligent servo cutting machine

2024
Zhejiang Rongsheng
The first green cake separating horizontal steaming production line

2025
Thailand Diamond Project
The First "Green cake separating Vertical Cutting & Flat Steaming" production line successfully Launched Overseas

2025
CIS Project
Green Cake Separator Exported to CIS for the First Time

INTEGRATION AND CO-CREATION

01

Jutone Leading (Jiangsu) Intelligent Equipment Co., Ltd.

Jutone聚通 Make Production Easier

Committed to Improving Efficiency and Liberating Labor through Technology

In January 2024, Jutone Leading (Jiangsu) Intelligent Equipment Co., Ltd., a holding subsidiary of Teeyer Intelligent, was established. The company's headquarter is located in Changzhou City, Jiangsu Province, with a branch in Yantai. It has a registered capital of 21 million yuan, more than 80 employees, and covers an area of 30 mu (20,000 square meters). Its predecessor was Yantai Jutone Intelligent Equipment Co., Ltd., a professional equipment supplier of robot integration applications and automated production lines. Its leading products include AAC (Autoclaved Aerated Concrete) mold oiling robots, AAC automatic reinforcement handling system, AAC high-frequency vibrating rods, etc. It mainly provides equipment and technical services for global AAC manufacturers, and has now formed a manufacturing capacity of 1,000 sets/units of high-end special equipment per year, with a market share of over 95%.



The company currently holds more than **80** patents

- **19** invention patents
- **4** software copyrights
- over **60** utility model patents


6-axis Oiling Robot


AAC Mold Oiling Robot - Model S1


AAC High-Speed Oiling Machine - Model GS-1


AAC Mold Oiling Robot - Model S2


AAC Automatic reinforcement handling system


AAC Pallet Arrangement Workstation


AAC Side Plate Oiling Machine


AAC High-Frequency Vibrating Rod

02

Wehrhahn Teeyer Smart Technology (Changzhou) Co., Ltd.

WEHRHAHN TEEYER SMART TECHNOLOGY CORP. LTD.

A Powerful Alliance in the Field of Sino-German High-End Equipment Manufacturing



On April 2, 2025, Teeyer Intelligent formally reached a strategic cooperation with Wehrhahn Group (Germany), a global pioneer in building materials equipment technology. The two parties jointly invested to establish WEHRHAHN TEEYER SMART TECHNOLOGY (CHANGZHOU) CO., LTD.



03

Teeyer Intelligent Investment International FZE

On March 26, 2025, Teeyer Intelligent Investment International FZE was officially established in UAE. This marks an important milestone in Teeyer Intelligent's global strategy, which will effectively expand the territory of the international market, accelerate the process of global exchange and cooperation, and inject new impetus into the company's sustainable development.

04

Elematic Teeyer Construction Technology (Jiangsu) Co., Ltd.

ELEMATIC



Application Fields: Transportation, Water Conservancy, Construction, etc.

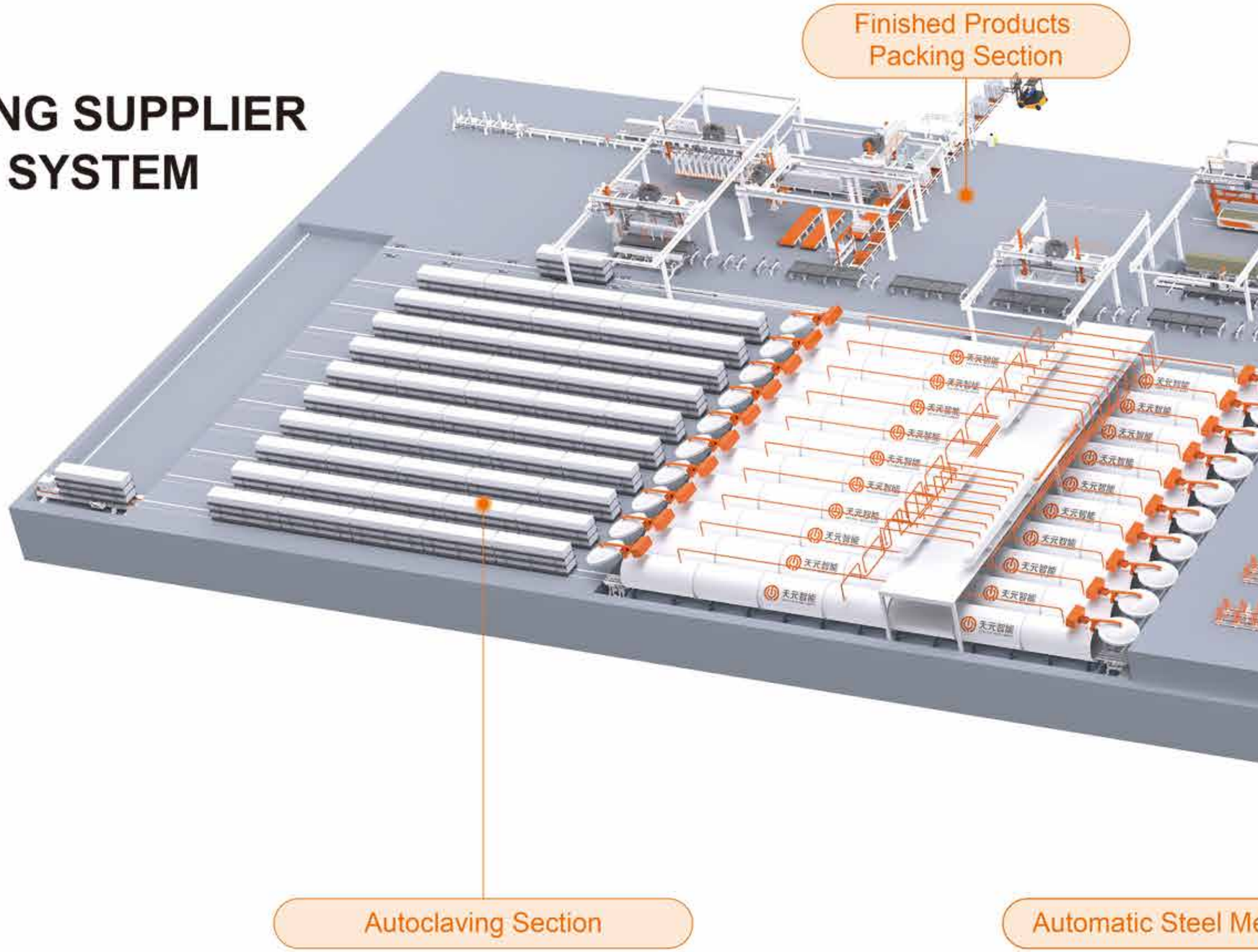
In 2022, Teeyer Intelligent and Elematic Oyj (Finland), a world-leading supplier of precast concrete technology, jointly invested to establish a joint venture - Elematic Teeyer Construction Technology (Jiangsu) Co., Ltd., extending its business to the field of prefabricated building PC (Precast Concrete) production equipment manufacturing.

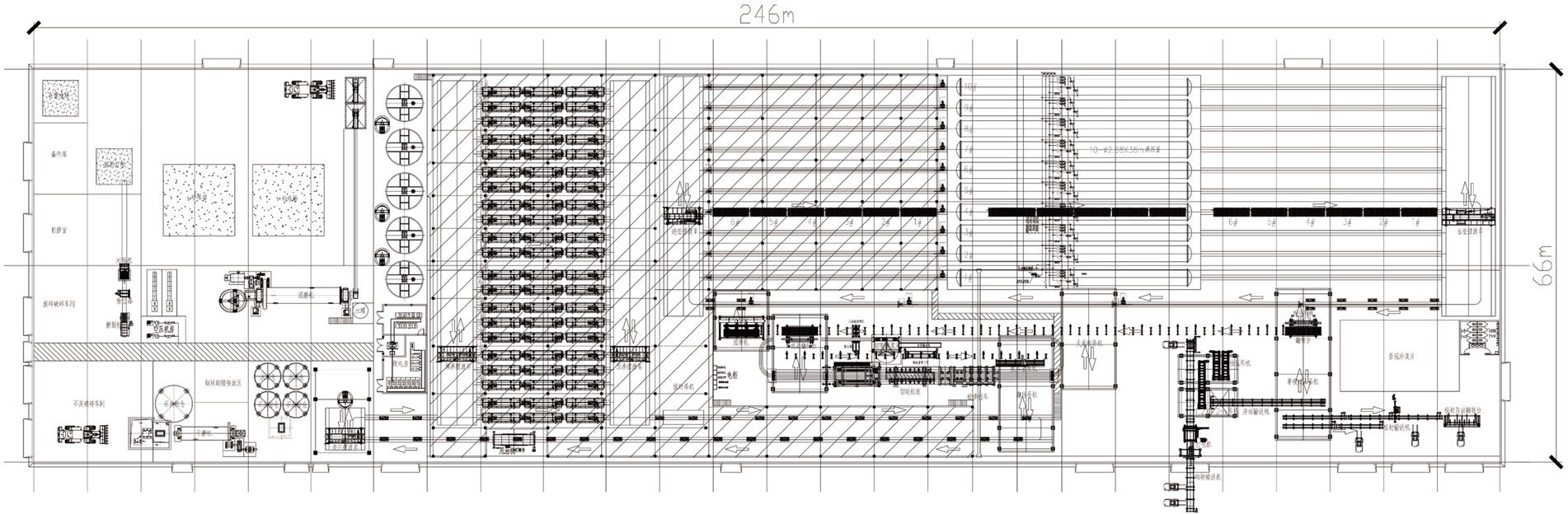

Floor Slab Production Line



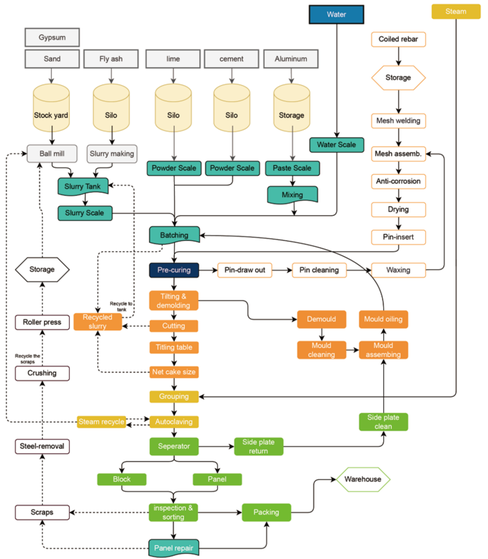

Wall Panel Production Line

THE WORLD'S LEADING SUPPLIER OF AAC WHOLE LINE SYSTEM





PRODUCTION FLOW CHART FOR AAC BLOCK & PANEL



SECTION INTRODUCTION

Raw Material Processing Section

This section focuses on the processing and storage of raw materials.



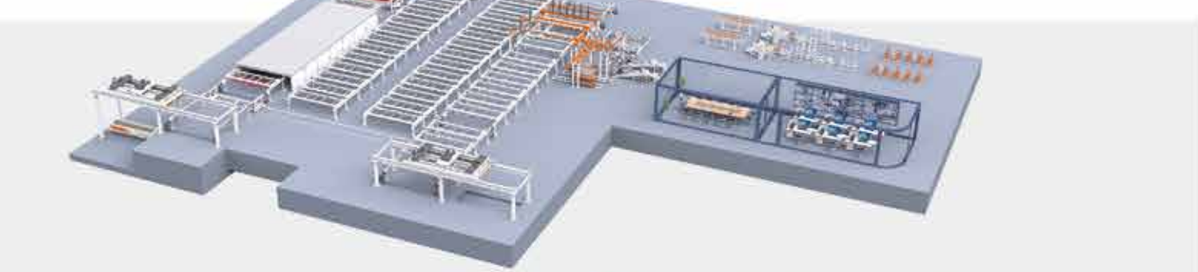






Automatic Steel Mesh Fabricating & Circulation Section

This section is responsible for fabricating steel mesh (cage) required for the panels, as well as manual or automatic mesh hanging and the automatic circulation of the assembly frame.



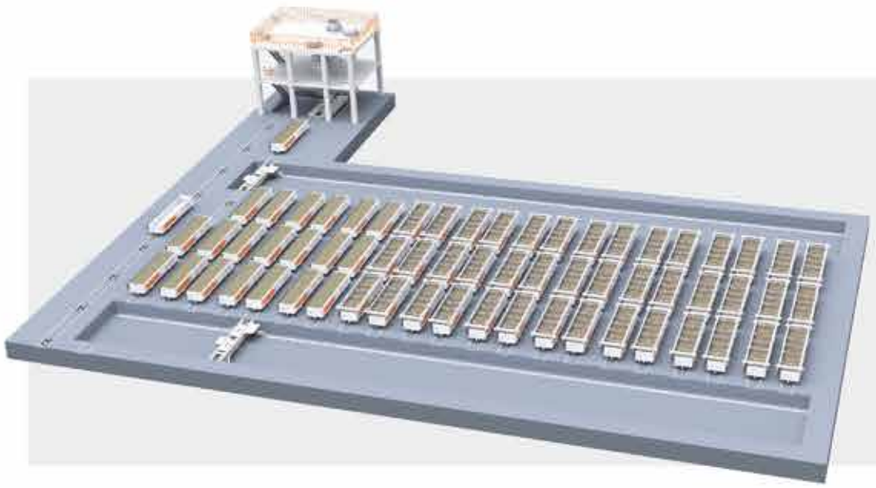






Batching & Pre-curing Section

In this section, raw materials are mixed into a pouring mixer and then poured into mould. During the production, the steel mesh is inserted into the slurry by pin-inserting hoister, and the mould is transported to the pre-curing room via a ferry cart. The slurry will form into the green cake by foaming and hardening. Subsequently, the mould transports the green cake to the cutting section by pre-curing ferry cart, withdrawing the inserted mesh holding beans at the same time.









Autoclaving Section

The grouped green cakes are sent into the autoclave for constant pressure curing by traction mechanism and ferry carts. Once the autoclaving is completed, the products will be pulled out of the autoclave by the ferry cart and transported to the finished products packing section.



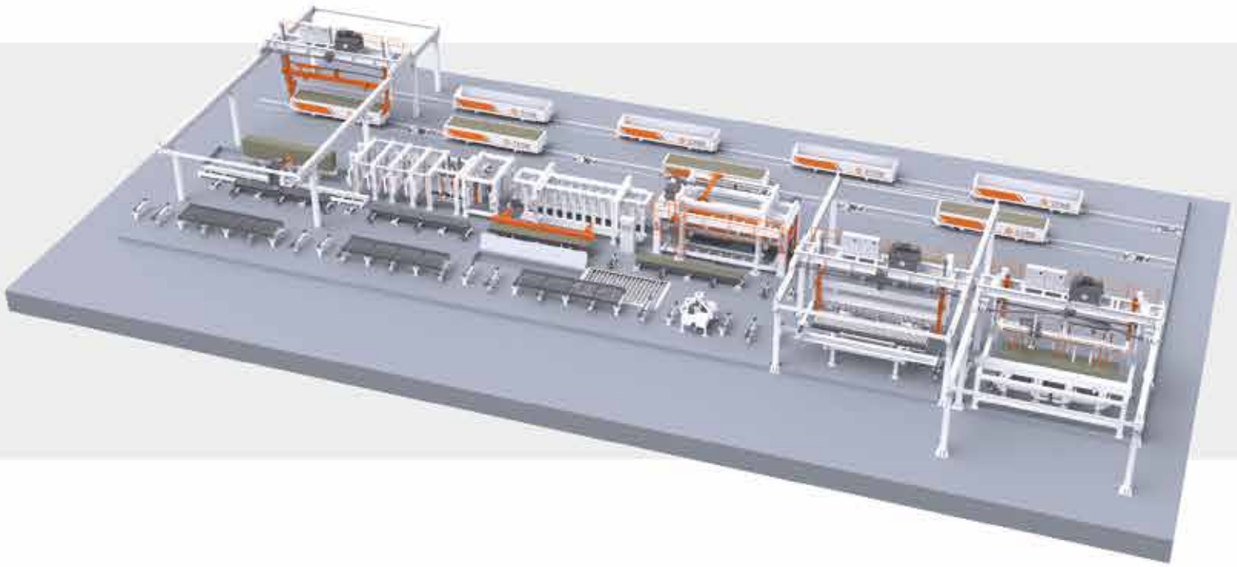






Cutting Section

This is the core section during the AAC block and panel production. The mould with green cake is demoulded by tilting hoister, and the green cake along with side plate are placed on a cutting cart, shaped through the process of profile cutting, horizontal cutting and vertical cutting. Bottom waste is removed by tilting table and scraper, then recycled. At last, the green cake is loaded by hoister and ferry cart.













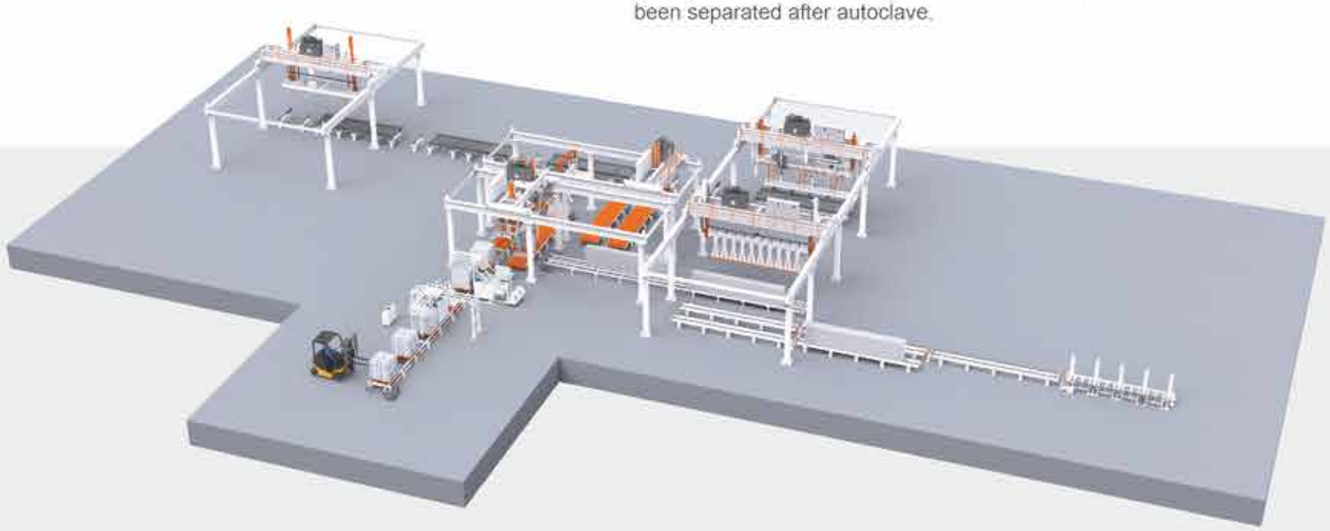






Finished Products Packing Section

This section handles the sorting, stacking, packaging, and transportation to storage yard of white cakes, which have been separated after autoclave.



INNOVATIVE TECHNOLOGY INTRODUCTION

Intelligent Servo Side Cutter/ Horizontal Cutting Machine

The servo side cutter adopts servo cylinder drive, precisely controlling the feed amount of each scraper, ensuring a smoother and more even cutting surface. The tongue and groove cutter is equipped with four types of cutters.
It precisely adjusts the cutting position of each wire and allows for setting loss compensation according to the cutting wire diameter, significantly enhancing product dimensional accuracy, reducing deviations caused by manual wire placing. Additionally, it features wire breakage alarms and automatic wire cleaning functions.





Green Cake Separator

It automatically adjusts the separating support position according to product specifications to complete the separating of green cake. Following the separating, the result of separating is inspected. Green cake separator matches vertical cutting horizontal steaming production process, reduces adhesion during autoclaving, prevents breakage from separating and enhances the product's qualification rate.





Automatic Mesh Hanging

It has realized automatic pin cleaning, automatic fastener conveying, pin frame automatic positioning and arrangement, automatic fastener installing, steel mesh automatic circulation, automatic mesh assembling and many other functions, which greatly improve production efficiency, ensure the stability of production and reduce the production cost.



Non-Pallet Packing

By using a combination of rotary clamps and brick-selecting clamps for palletizing, the system enables both with pallet and without pallet conveying on the same conveyor line, meeting packaging needs for products of various specifications and improving packing efficiency.



Mould Cleaning Device

Mould cleaning device automatic cleans of the waste residue in the mould, improving the automation of the production line, optimizing the working environment.



Ground/Air Tilting Table

It adopts automatic transverse movement technology, greatly improves the production efficiency of the whole production line.(Figure 1, Figure 2)
Bottom waste removing hoist tilts the cake and removes the bottom waste on the move, which improves productivity and is more commonly used in high output block production lines.(Figure 3)


Figure 1

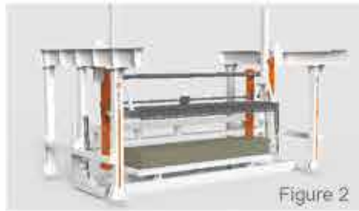


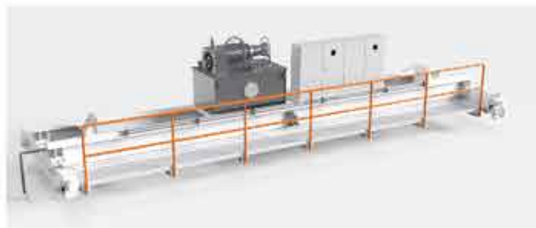
Figure 2


Figure 3

Self-Lubricating System

The walking wheels and key moving parts are equipped with automatic lubrication system, which realizes automatic oil filling of bearings at moving parts of equipment, reduces equipment failure and shutdown rate, and improves production efficiency.



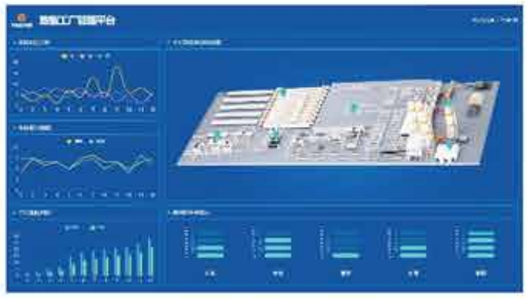


MES System

The MES system deeply integrates the intelligent module with the automation equipment, transforms the traditional management mode into the digital management mode, and strives to ensure that customers can control the production cost more accurately.

Through the collection, aggregation, and analysis of all kinds of data in the production line, production data, work flow and task visualization can be achieved to improve enterprise efficiency, enhance enterprise competitiveness and sustainable development.





PROJECT INTRODUCTION

Taizhou Jintai

Taizhou Jintai Environmental Thermal Power Co., Ltd. located in Binjiang Industrial Park, Taizhou City, Jiangsu Province, is a collection of thermal power, new energy development, building materials products, port management of comprehensive high-tech enterprises. The company was founded in 2002.

Teeyer "Taizhou Jintai" Project adopts a single-plant double-line design to build a leading automatic AAC panel production line in China, with an annual production capacity of 350,000 sqm of AAC panel for each line. The project can absorb the by-products produced by the thermal power plant, and form an energy cycle industry chain of resource echelon utilization, and material recycling between the thermal power plant, so as to realize the complementary advantages and efficient utilization of resources within the company, and strongly promote the "double carbon" target.





OVERSEAS PROJECT

South Korea ES Group

The cooperation with South Korea ES Group Giant Project marks the successful export of China's first complete localization AAC production line EPC project to developed countries, which is not only a brilliant chapter of Teeyer to the international stage and successfully entered developed countries, but also another proof of China's manufacturing strength.

Faced with the limited site conditions of customers, Teeyer custom-made the production line process design scheme and cleverly arranged every inch of space. At the same time, we have introduced self-developed ultra-smooth horizontal cutting technology, highly integrated vertical cutting system and automatic steam distribution system without distributing cylinders and other cutting-edge technology and equipment. The integrated application of these innovations has jointly given rise to this compact and reasonable layout, comprehensive functions, and leading technology production line.




Bahrain NCC Project

In 2019, Teeyer Intelligent and Bahrain Almoayyed Group successfully signed a EPC contract for an annual capacity of 300,000 sqm of production line. The project, which is responsible for NCC company under Almoayyed Group, is a fully automatic AAC production line with the largest output and the highest configuration built in the GCC region in recent years. It is also the first time for China's AAC equipment manufacturer to undertake a EPC project overseas.

In the face of sudden public health crisis, the sharp rise in steel prices and the soaring cost of international shipping and other difficulties, Teeyer team and NCC team worked together to successfully realize the operation of the production line. In this process, the product quality and cycle time both meet the customer's expectation. The close cooperation between the two teams not only promoted the smooth progress of the project, but also formed a deep friendship between each other. Teeyer staff's excellent performance has been affirmed by Almoayyed Group. The successful commissioning of the NCC project is a milestone in Teeyer overseas experiences.





Kazakhstan SENSATA Group

SENSATA Group is a well-known real estate developer in Kazakhstan. After several investigations and research, in 2021, Teeyer and SENSATA Group successfully signed a contract to jointly build UNITON project. Located in Astana, Kazakhstan, the project has established a new benchmark in the local AAC industry.

The UNITON project is one of the most advanced and highest standard AAC production lines established in Kazakhstan in the last three years. Teeyer comprehensively considered the local market characteristics, climate factors and architectural design code requirements, and adopted the latest technology. The daily output of this project is 300-1000 cbm, which is convenient for users to realize flexible adjustment of production capacity, and promotes more controllable production management.







PRODUCTS CATEGORY

AAC panel is a good application for interior wall partition, exterior wall enclosure, floor partition and roof protection material. And it is an excellent wall material for prefabricated building structure system (especially steel structure) which is vigorously developed and promoted in China with various superior properties, such as heat preservation and thermal insulation, light weight and fireproof.

On June 18, 2019, Ministry of Housing and Urban-Rural Development issued the "Technical Standards for Prefabricated Steel Structure in Residential Buildings"(JGJT469-2019), which officially opened the curtain of the development of steel structure prefabricated building in the housing industry, in which it clearly stipulates the external walls enclosure system can choose the "prefabricated light strip panel exterior wall system", and the internal partition wall should choose the "light partition wall meeting the requirements of fire prevention and sound insulation." In Article 1 of the "Main Points of Work in 2019 of the Construction Market Supervision Department of the Ministry of Housing and Urban-Rural Development " clearly proposes to carry out pilot projects for prefabricated houses with steel structure and promote the establishment of a mature construction system for steel structure prefabricated housing.

Benefit from the comprehensive properties of AAC, such as light weight, anti-seismic thermal insulation, fire resistance, sound insulation, noise absorption, and convenient construction etc., AAC panel has become the preferred wall material for steel structure prefabricated buildings, especially for prefabricated residential buildings.

Teeyer not only supplies all series of standardized production lines, but also can customize according to clients' requirements.
The standardized configuration production line has a more balanced equipment configuration with more advantages in terms of cost performance. The customized configuration can be designed based on customers' site conditions. which is more in line with the actual needs of customers.

NOT JUST AN EQUIPMENT MANUFACTURER BUT A PROJECT GENERAL CONTRACTOR AS WELL

Products Category & Applications


Lintels


Integrated trunking board


Floor and roof panel


U-blocks


Blocks


External wall panel / Partition wall







Customized AAC Plant Solutions











MANUFACTURING STRENGTH

Teeyer has many international advanced high-level processing equipment.

The processing technology covers cutting, welding, machining, painting, assembly and other processes, and ensures the accuracy, strength and stability of the complete set of AAC equipment.

Cutting Device


Flame Cutting Machine


Laser Cutting Machine


CNC Plasma Cutting Machine


Laser Cutting Machine

Bending Machine


800 Tons 6.5m CNC Bending Machine


500 Tons CNC Bending Machine


2000 Tons Hydraulic Press

CNC Machining Center


CNC Gantry Machining Center


Horizontal CNC Machining Center


CNC Double-Sided Boring Machine


Vertical CNC Machining Center

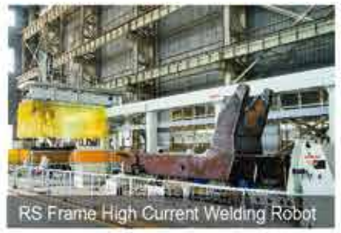

CNC Floor Boring-Milling Machine


CNC Gantry Drilling Machine

Robot Welding Center


Welding Robot


Welding Robot


RS Frame High Current Welding Robot

Preprocessing Device


Chamfering Machine


Rolling Machine





upper frame of excavator



lower frame of excavator



frame



counterweight



mast of forklift



Frame of forklift









mast



Loader 270-8 Boom



Loader 480-8 Rocker Arm



Loader 650 Dipper Arm



Excavator 1.02 m^3 Bucket

Teeyer Intelligent Provides Supporting Business Support for Fortune Global 500 Enterprises

天元智能
TEEYER INTELLIGENT



TEEYER HONORS



CE/Quality/Environment/Intellectual Property etc.System Certificates



More than 100 invention patents and utility model patents issued by
China National Intellectual Property Administration

TEEYER CULTURE

TEEYER INTELLIGENT



Mission

Made in China
Driving the Future



Vis ion

Empower Ev ery Teeyer
Make Teeyer Ren owned Globally



Strategy

Globalization /
Digitalization / Decarbonization