

因 | 为 | 专 | 业 | 所 | 以 | 放 | 心
Because professional so rest assured



DRY MORTAR PRODUCTION LINE

年交付能力200条全自动生产线

Annual delivery capacity of 200 fully automatic production lines

发展历程

Development History

(累计交付全自动生产线1000余条)

公司起步

Company start-up
营业额突破2000万
Turnover exceeded 20 million

高速发展

Rapid development
营业额突破10000万
与立邦，德高等行业龙头企业达成
长期合作。
Turnover exceeded 100 million, and
reached long-term cooperation
with Nippon, Sika other and
industry leading enterprises.

再度发展

Redevelop
营业额突破15000万
成立环通达服务公司，解决客户痛
点，提高服务水平。
Set up a service company to solve
customers' pain points and improve
service level.

奠定地位

Establish one's position
2023年突破2亿，年交付能力突破200条生
产线，树立行业领先地位。
In 2023, Turnover exceed 200 million,
and its annual delivery capacity will
exceed 200 production lines, establish-
ing a leading position in the industry.

2016

公司成立

Company establishment
致力于砂浆设备自动化的发展。
Committed to the development of mortar
equipment automation.

2017

2018 快速发展

Fast developing
客户达到100个
成立9大办事处，更好服务于全国客户。
Has 100 customers and set up 9 offices to
better serve national customers.

2019

2020

逆境增长

Adversc growth
营业额增长15%，使用客户达到300+
成立三大安装服务公司，提高和加强服务能力。
Turnover increased by 15%, more than 300
customers to establish three major installation
service companies, improve and strengthen
service capabilities.

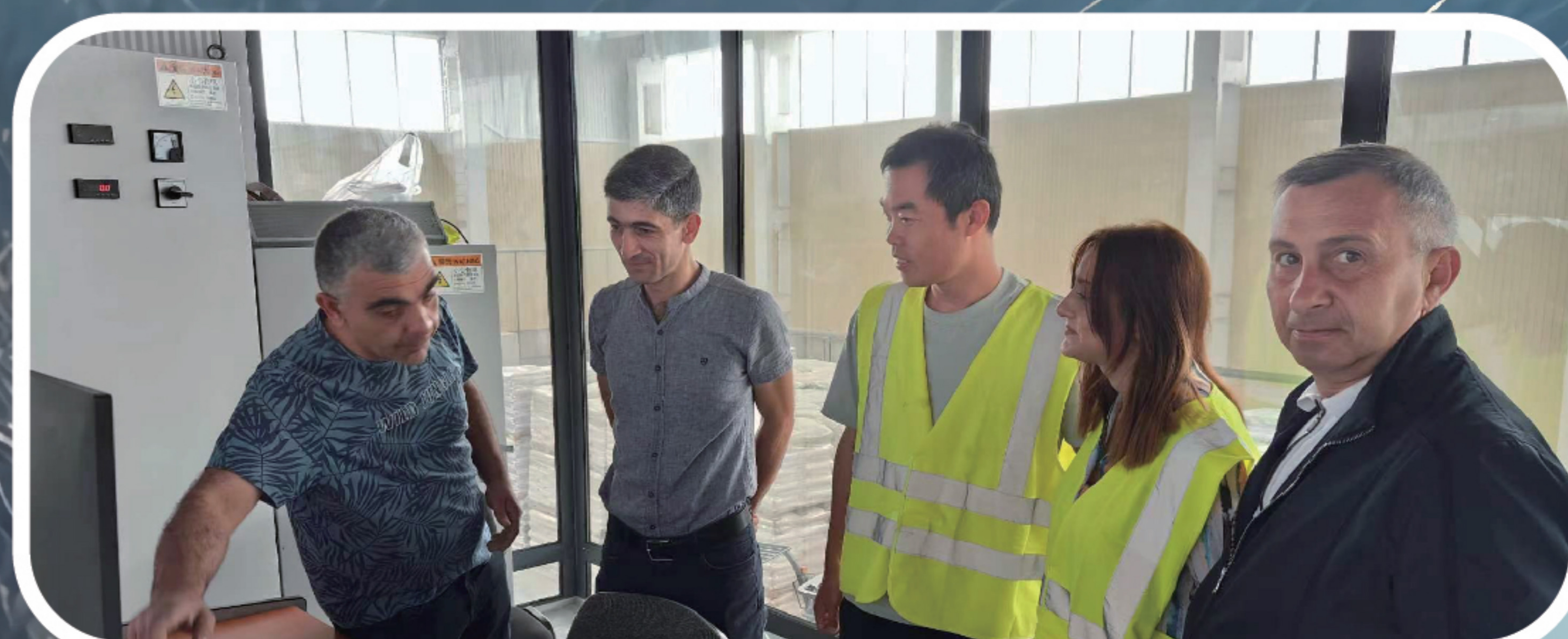
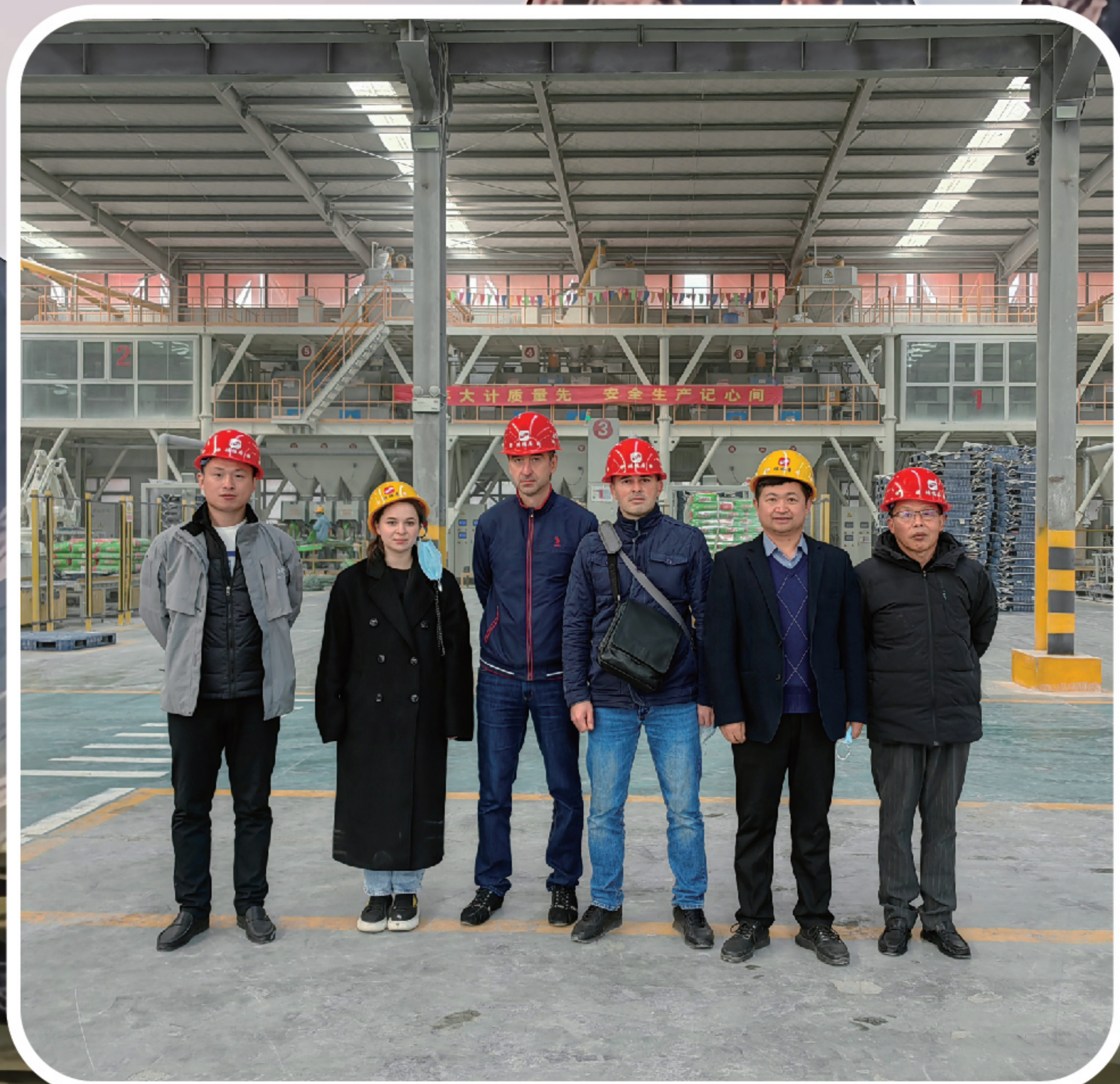
2021

2022

逆境突起

Adversity protrudes
公司员工190+，服务客户达到600+
成立培训学院和实验基地，培养和储备
行业人才。
The company has 190+ employees and
600+ customers to set up a training acad-
emy and experimental base to train and
reserve industry talents.

2023





轴端密封装置
采用机械密封和气压密封结合的结构，保证轴端的良好密封并在搅拌过程中无油体渗入主机。

Shaft Seals
Mechanical seal combined with pressurized seal, ensure good seal of shaft end and no grease entering the mixer.



飞刀装置
利用飞刀的高速旋转，可以将砂浆中絮状添加剂打散，提高砂浆品质。

Fly-cutter Device
The high speed rotated fly cutters can break up the flocculent additive to improve the quality.



辅助臂
辅助关闭卸料门

Auxiliary closing of the discharge door



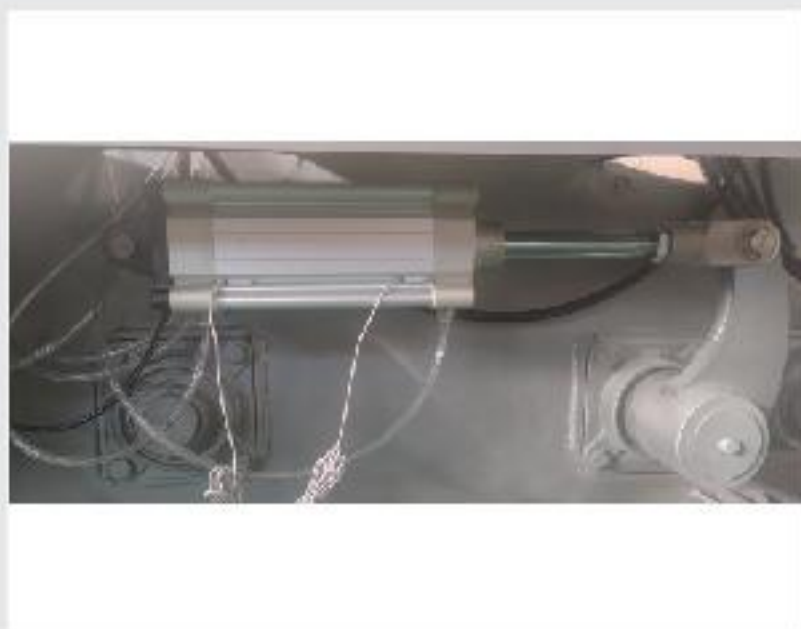
搅拌装置
两个搅拌轴为相对运动，利用物料离心力，计算物料在失重状态下的转速，使物料在失重状态下充分融合，搅拌效率高。

Mixing Device
The relative moved shafts with well designed speed make the material mixing in a gravic state, and achieve high efficiency.



大开门卸料装置
大开门的卸料方式保证搅拌筒内为完整一个圆柱空间，搅拌充分，无残留。生产多种砂浆无需清理主机，提高生产效率

Large Discharge Device
Large discharge device makes an entire column mixing area, no corner left. No need extra cleaning when replaced the product.



辅助互锁装置
确保卸料门不漏料

Make sure the discharge door does not leak



在线取样装置
方便在生产过程中对砂浆品质的检测，提高砂浆质量。

Sampling Device
It is convenient to test the mortar in the production process and improve the quality.



液压卸料系统
液压卸料系统设有手动开门装置，在断电情况下可手动开门。

Hydraulic Discharge Unit
Hydraulic unit equipped with manual pump allows the door be opened in case of electric failure.



轴端油封
为整个主机需要加油的地方注油

Fill oil where the entire main engine needs to be refueled

▶ 技术参数 / Technical Parameters

型号 Model		SZ1500	SZ2000	SZ3000	SZ4000	SZ6000	SZ8000
全容积 Total Volume	L	1500	2000	3000	4000	6000	8000
容积系数 Volumetric Coefficient		0.4~0.7	0.4~0.7	0.4~0.7	0.4~0.7	0.4~0.65	0.4~0.65
搅拌功率 Mixing Power	KW	18.5	22	30	45	55	75
卸料功率 Discharge Power	KW	3	3	3	3	4	4
重量 Weight	KG	2900	3700	4800	6300	7600	8900

注：由于我们不断对产品进行性能完善和改进，产品参数以实物以准。
Technical data may change due to technical progress. Subject to modification without notice.



单轴高效混合机 Single Shaft Mixer

★ 性能特点/Features

- 搅拌机整体结构设计紧凑，占用空间少，便于整机安装及设备改造。
- 采用机械密封与气压密封相结合的结构，杜绝漏浆的现象发生。
- 搅拌桶采用耐磨材料使用寿命长。
- 搅拌装置采用犁刀混合原料，使搅拌效果更好，搅拌更充分。
- 大开门的卸料方式，缩短卸料时间提高效率，更能保证无残留。
- 高速飞刀的剪切和抛洒作用，使搅拌时间更短，混合精度更高，尤其对于容易聚团的物料，可以起到打散和防止结团的作用。



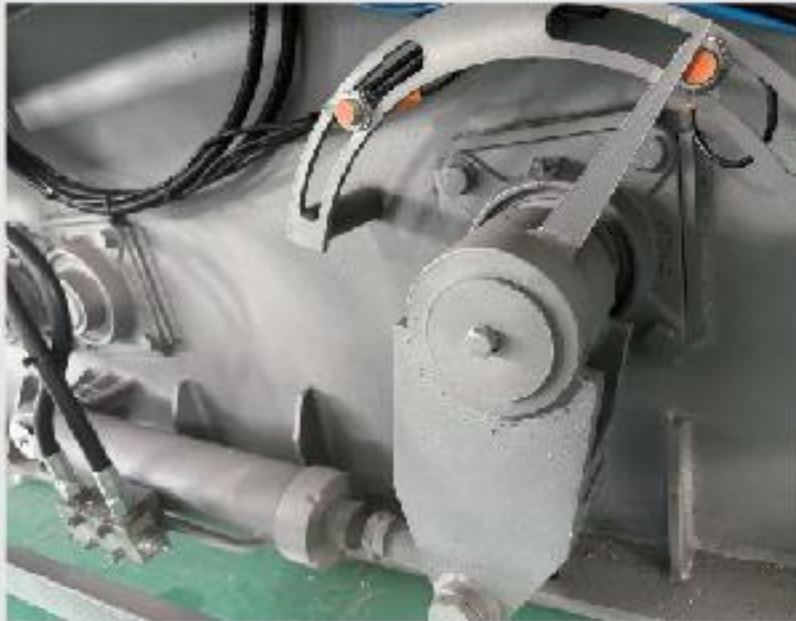
- The compact design of HUANGANG mixer have the advantage of small floor space occupied, which is helpful for the installation in your plant and retrofitting exist concrete batching plants.
- Mechanical seals combined with pressurized seals, can prolong the life of shaft seals and prevent leakage.
- Mixing trough is made of wear resistant material, which has longer service life.
- The mixing device adopts plough coulter, which gives fast and homogenous mixing result.
- Large discharge door can shorten the discharge time, improve the efficiency and no material left in the trough.
- High speed fly cutter can break up the materials and make short mixing time and good mixing result, especially for the agglomerated materials.



轴端密封装置
采用机械密封和气压密封结合的结构，保证轴端的良好密封并在搅拌过程中无油体渗入主机。
Shaft Seals
Mechanical seal combined with pressurized seal, ensure good seal of shaft end and no grease entering the mixer.



液压卸料系统
液压卸料系统设有手动开门装置，在断电情况下可手动开门。
Hydraulic Discharge Unit
Hydraulic unit equipped with manual pump be opened in failure.



辅助臂
辅助关闭卸料门
Auxiliary closing of the discharge door



在线取样装置
方便在生产过程中对砂浆品质的检测，提高砂浆质量。
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两个搅拌轴为相对运动，利用物料离心力，计算物料在失重状态下的转速，使物料在失重状态下充分融合，搅拌效率高。
Mixing Device
The relative moved shafts with well designed speed make the material mixing in a gravic state, and achieve high efficiency.



辅助互锁装置
确保卸料门不漏料
Make sure the discharge door does not leak



安全装置
配备急停开关和安全开关，在紧急情况下可以迅速停机。
Safety device
The emergency stop and key-operated safety switch ensure the mixer being stopped once in an emergency.



飞刀装置
利用飞刀的高速旋转，可以将砂浆中絮状添加剂打散，提高砂浆品质。
Fly-cutter Device
The high speed rotated fly cutters can break up the flocculent additive to improve the quality.



轴端油封
为整个主机需要加油的地方注油
Fill oil where the entire main engine needs to be refueled

▶ 技术参数 / Technical Parameters

型号 Model		DZ1000	DZ1500	DZ2000	DZ3000	DZ4000	DZ5000
全容积 Total Volume	L	1000	1600	2200	3200	4000	5000
容积系数 Volumetric Coefficient		0.4~0.7	0.4~0.7	0.4~0.7	0.4~0.7	0.4~0.7	0.4~0.7
搅拌功率 Mixing Power	KW	11	18.5	22	30	55	75
卸料功率 Discharge Power	KW	2.2	3	3	4	4	4
重量 Weight	KG	2000	2700	3500	4600	5800	7600

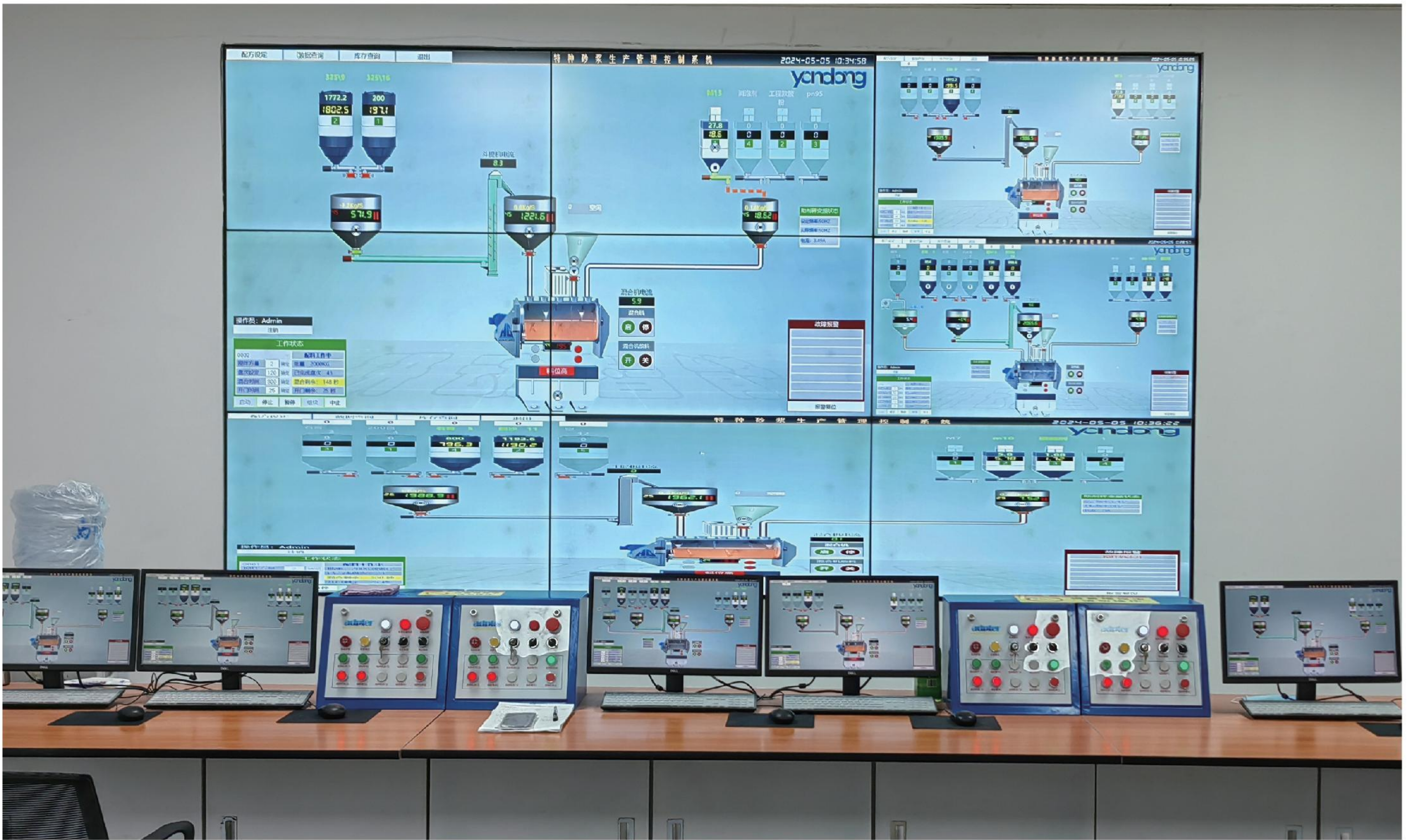
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控制系统 Control System

我公司砂浆生产线控制系统有计算机系统、电子配料系统、操作台、强电柜等组成。软硬件一体化,具有自动、半自动、手动三种工作方式使生产流程的控制更为自如。便捷化参数设定,所有生产参数一键完成。生产流程、卸料顺序、搅拌时间计算方式可由用户根据生产需要和操作习惯进行自定义。全方位在线实时检测设备生产状态,并进行安全连锁管制。若出现异常工况,可准确提示设备故障点,提醒工作人员进行定位查看与检修,实现故障定位排除,从而改善生产管理水平、保证设备安全、提高经济效益。

The control system is designed by ourselves, which is consisted of industrial control computer, electric batching scale, control console and high voltage cabinet. The integrated software and hardware, and optional working mode (auto, semi-auto and manual) make the control simple and convenient operation. According to the production require and operating habit, all the production parameters can be user-defined. The system can on-line and real-time detect the production state, and has safety interlock. If in abnormal condition, the fault point alert would occur to warn the operator to check and arrange the maintenance, which is helpful to improve the management, ensure the plant safety and enlarge the economic returns.



控制系统 Control System

★ 性能特点/Features

- 软件登陆和电子秤调校需要用户密码,有效的保证了重要生产数据的安全。
- 全立体界面动画模拟生产工况,实时显示配料值、称量值、误差值等生产数据。
- 可预先安排生产任务单并可重新调整生产顺序。
- 自动根据批次产量和拌缸容量自动分配单罐产量。
- 全中文快速校称并具有自诊断和提示功能,提供在线使用帮助。
- 自动调整落差并具有趋势判断功能、负值自动修正、零位自动跟踪、按键去皮等。
- 欠称自动补称、超称自动扣称,各种物料的计量和卸料允差范围皆单独可调。
- 强大的报表输出功能,方便对生产线的数据进行管理和归档
- The user password is required for software login and electronic scale adjustment, which effectively ensures the security of important production data.
- Full three-dimensional interface animation simulates production conditions, real-time display of ingredients, weighing values, error values and other production data.
- Production task orders can be pre-arranged and the production sequence can be re-adjusted.
- Automatic allocation of individual tank yield based on batch yield and mixing tank capacity.
- All Chinese fast calibration and self-diagnosis and prompt function, to provide online help.
- Automatic adjustment of the drop and trend judgment function, negative automatic correction, zero automatic tracking, key peeling and so on.
- Under weight automatic replenishment, over weight automatic buckle, all kinds of material measurement and discharge tolerance range are individually adjustable.
- Powerful report output function, convenient management and archiving of production line data.



计量系统 Weighing System

★ 性能特点/Features

- 骨料计量为多行程阀门结构,计量精度高,使用寿命长!
- 添加剂变频计量,更精细!
- 高精度国际知名品牌传感器模块,精确稳定!
- 欠称自动补称、超称自动扣称!
- 各种物料的计量和卸料允差范围皆单独可调。
- The weighing system is multi-journey valve structure ,which has high weighing precision and longer service life .
- Frequent conversion measurement of additive is more accurate .
- High precision load cell module is accurate and steady
- Automatic feeding compensation and scale deducting
- The weighing and discharge error range of each material can be adjusted separately .



套袋机

Bag feeding Machine System

名称 Name	一对一自动插袋机 One to one automatic bag inserting machine	一对二自动插袋机 One to two automatic bag inserting machine
型号 Model number	BMT1-S/C/P	BMT2-90/S/C/P
功率(W) Power (W)	1700	3200
电压 (V) Voltage (V)	380	380
气压 (0.6Mpa) Air pressure (0.6Mpa)	>=0.6	>=0.6
耗气量 (m³/h) Air consumption (m³/h)	20	20
袋重范围 (kg) ag weight range (kg)	10-50	10-50
适用袋子尺寸 (mm) Applicable bag size (mm)	320mm-620	320mm-620
套袋速率 (包/时) Bagging rate (bag/hour)	200-400	200-350
上袋方式 Bagging	拨齿上待机/上袋小车/皮带 Gear on standby/bag on cart/belt	拨齿上待机/上袋小车/皮带 Gear on standby/bag on cart/belt



包装机Packaging machine

名称 Name	阀口袋气吹热合包装机 One to one automatic bag inserting machine	阀口袋叶轮热合包装机 One to two automatic bag inserting machine
型号 Model number	FK-CQ-50-ZH-FU-210/185	FK-YQ-50-ZH-FU-210/185
功率(W) Power (W)	550+2600	6000+2600
电压 (V) Voltage (V)	380	380
气压 (0.6Mpa) Air pressure (0.6Mpa)	>=0.6	>=0.6
耗气量 (m³/h) Air consumption (m³/h)	30	10
除尘风量 (m³/h) Dust removal air volume (m³/h)	2000	2000
尺寸 (mm) Size (mm)	2118 (1850) x1030x720	2118 (1850) x1030x720
包装精度 Packaging accuracy	≤1% (25kg)	≤1% (25kg)
袋重范围 (kg) Bag weight range (kg)	10-50	10-50
防护等级 Class of protection	≥IP54	≥IP54
适用袋子尺寸 (mm) Applicable bag size (mm)	320-600	320-600
套袋速率 (包/时) Bagging rate (bag/hour)	180-400	180-400
封口方式 Sealing method	无/超声波 None/Ultrasonic	无/超声波 None/Ultrasonic



包装机、套袋机系统 Packaging Machine And Bag feeding Machine System



小料自动计量系统 Additive automatic Metering System



码垛线案例 Palletizing line case



新加坡 Singapore





越南 Vietnam



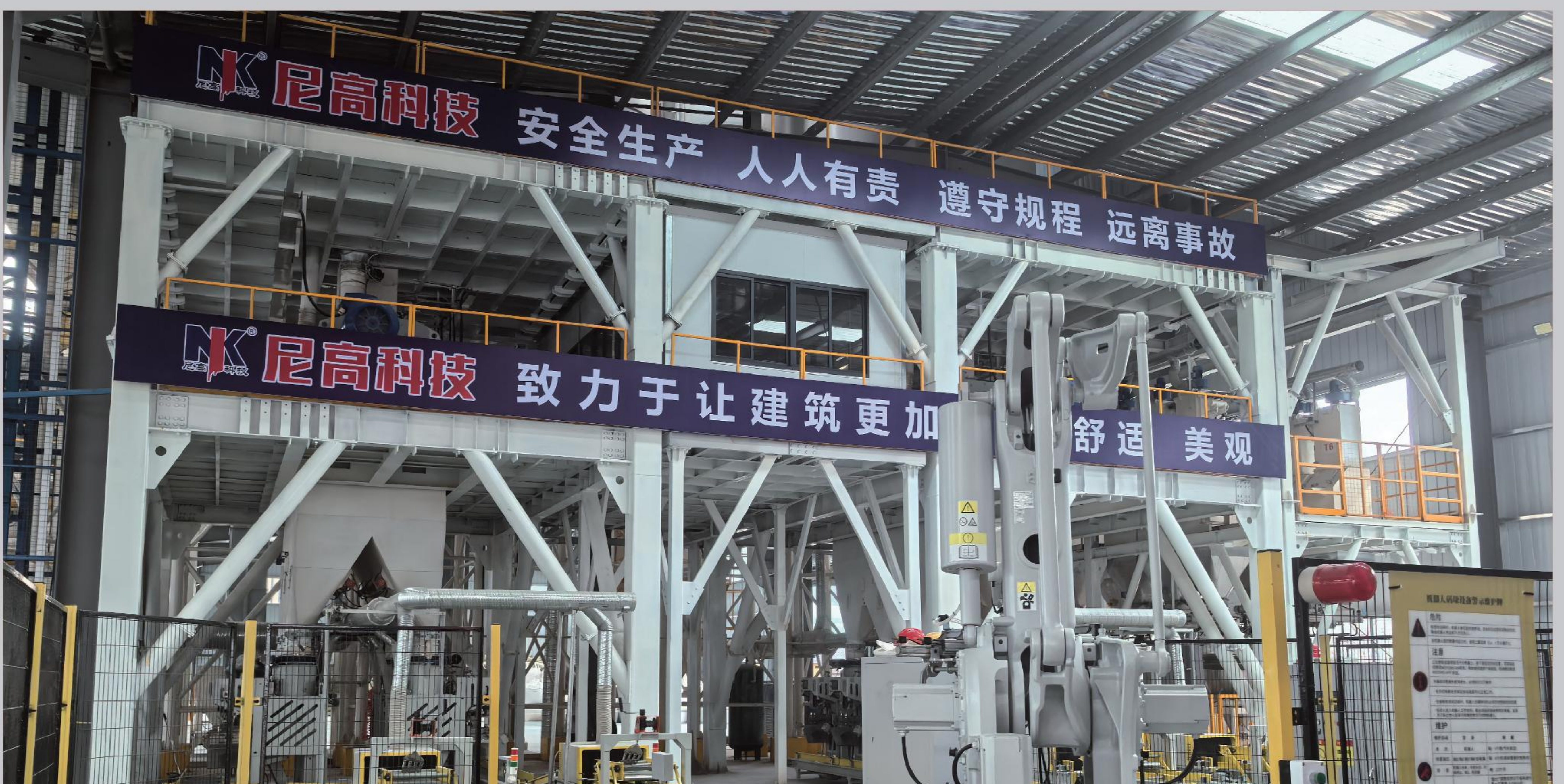
越南 Vietnam



SIKA Davco



Jiangsu Nigao Technology Co.,Ltd



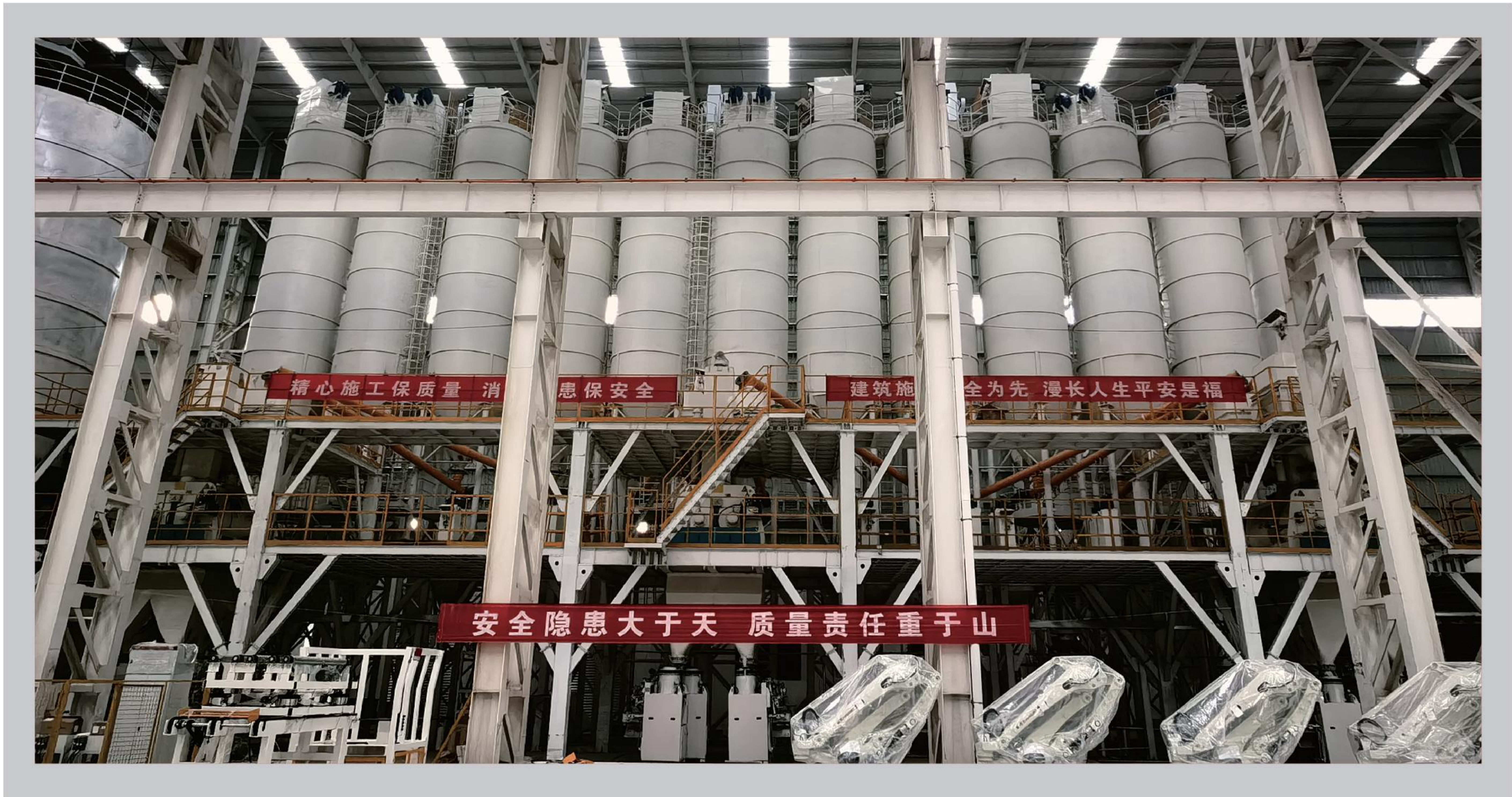
Asia Cuanon



Sichuan Lomon New Materials Co., Ltd



Shanxi Obelm Nano Technology Co.,Ltd



Beijing Jinyu Mortar Co., Ltd



Nippon China



邛崃工厂



福州工厂



东莞工厂



长沙工厂

Nippon China



中山工厂



石家庄工厂

Dry mix(powder)mortar production lines 干混（粉）砂浆生产线



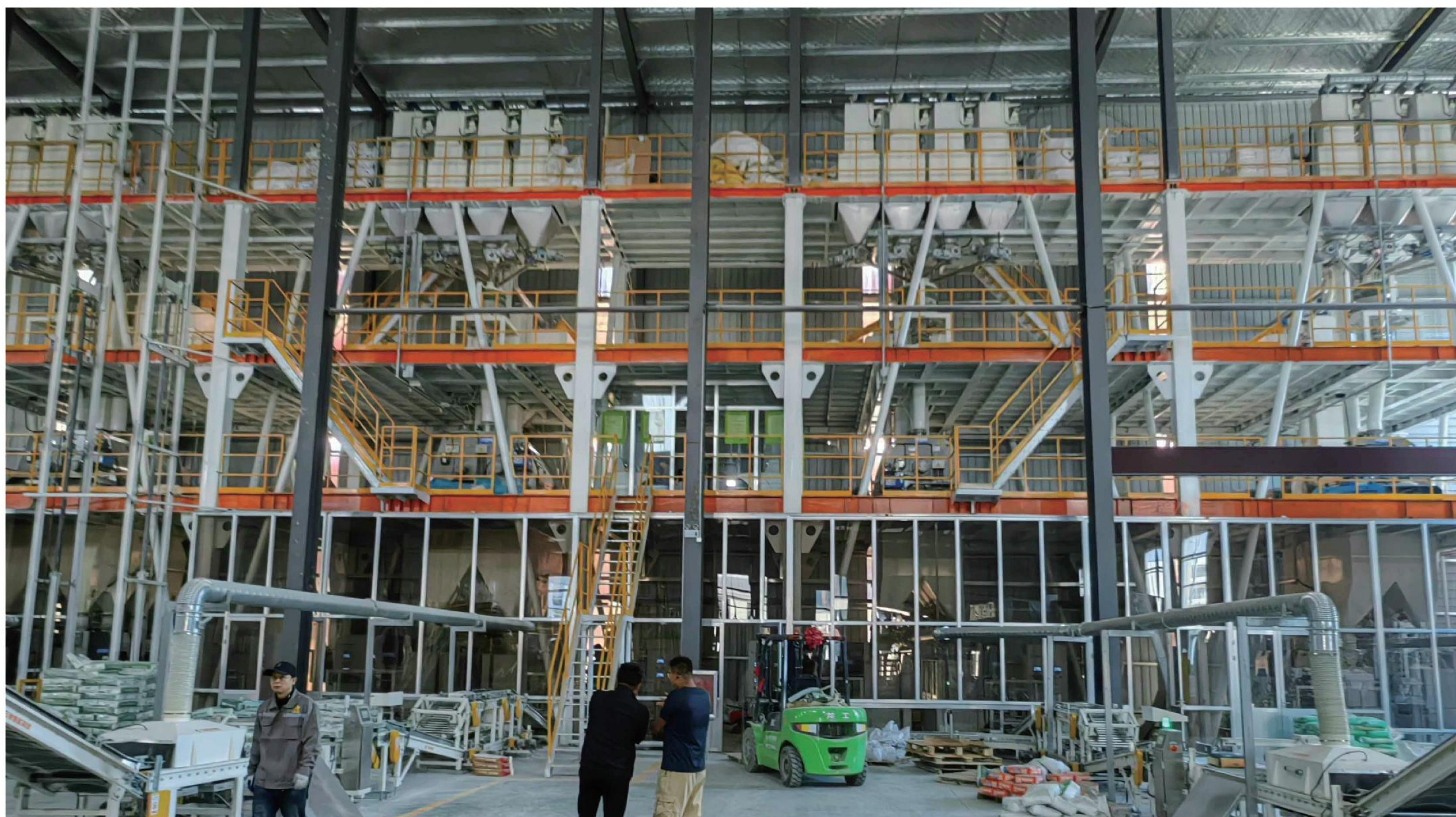
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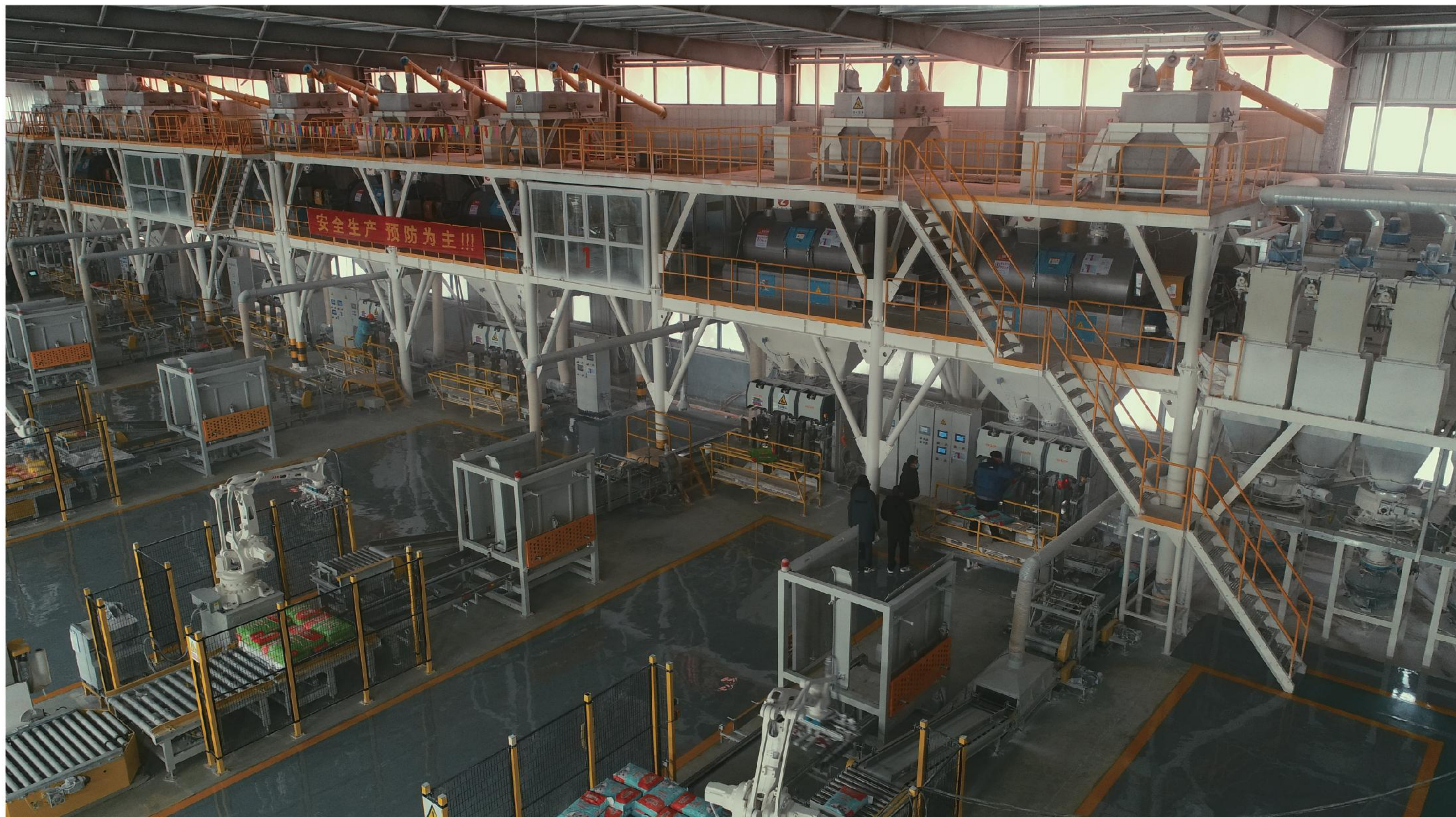
Special mortar production equipment (特种砂浆生产设备)



Special mortar production equipment (特种砂浆生产设备)



Putty powder production lines (腻子粉生产线)



Gypsum mortar equipment (石膏砂浆设备)



Fireproof materials equipment (防火材料设备)



Cold drawing jacket machine (冷拉伸套膜机)

