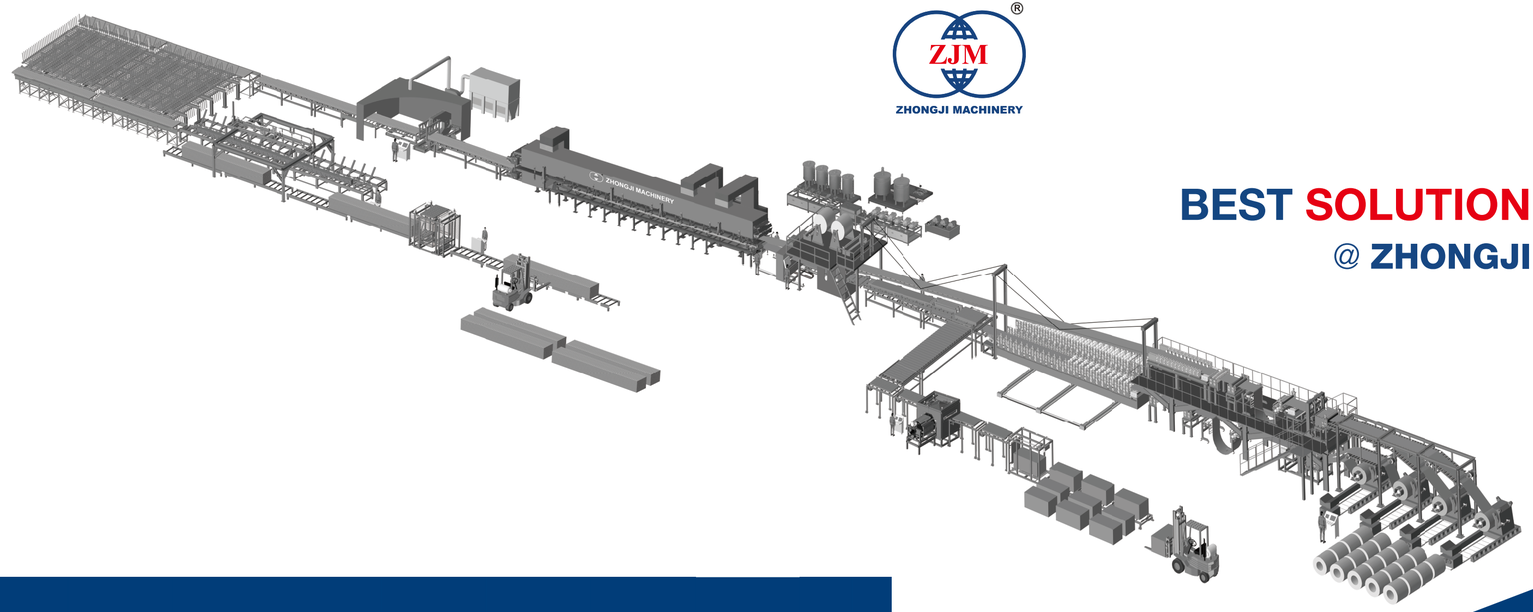
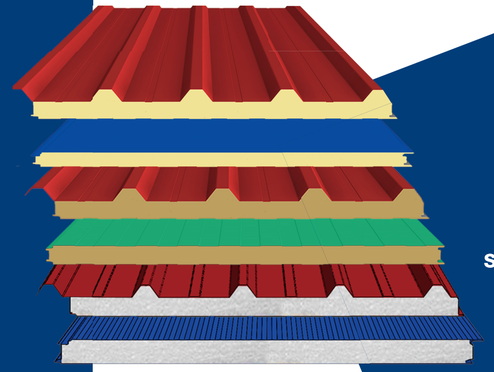


ZJM
ZHONGJI MACHINERY

BEST SOLUTION
@ ZHONGJI



WORLD STANDARD COMPETITIVE COMPANY
ZHONGJI MACHINERY !!!

Zhongji Machinery Was Founded In **1992**.
Polyurethane Sandwich Panel Production Line Made By Italian Hi-tech.
Factory Area Is 70,000 m^2 with More Than 600 Staffs And Ten Overseas Branch Offices.
CEO Of Zhongji, Mr Gunther Hou, Is The Vice President Of Chinese Private Enterprises Association.

聚氨酯彩钢夹芯板生产线
30年以上生产设备经验 进口品质 国货价格







ZJM
上 海 中 吉 机 械 有 限 公 司
Shanghai Zhongji Machinery Co., Ltd.

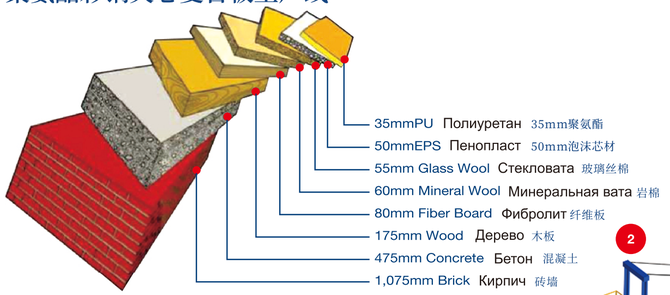
ADD: 上海市嘉定区西冈身路 500 号　　上海市青浦区新丹路 368 号
No. 500, Xigang Shen Road, Jiading Industry District,Shanghai,China
No.368, Xindan Road, Qingpu Industry District, Shanghai, China
TEL: +86- 15800377066　　WHATSAPP: +86-13916868669
E-MAIL: info@zhongji.com　　WEBSITE: www.zhongji.com

SHANGHAI ZHONGJI MACHINERY
Шанхай Чжунцзи Машиностроительная компания
上海中吉机械

PU Sandwich Panel
Production Line

Линия для производства сэндвич панели из полиуретана

聚氨酯彩钢夹芯复合板生产线



MANUFACTURING PROCESS Процесс производства 生产过程

12 Mineral wool insert line 岩棉自动上料系统

1 Uncoiler 开卷机
2 Roll forming 单瓦机
3 Pre heating 预热
4 Foaming portal 发泡布料
5 PU Metering machine 发泡机
6 PU Pouring 喷胶
7 Double conveyor 双履带
8 Cross cutter 切割机
9 Cooling conveyor 冷却
10 Staker 码垛
11 Packing 打包

PU Sandwich Panel and Mineral Wool Production Line
聚氨酯彩钢夹芯板和岩棉生产线

Automatic PU Sandwich Panel Production Line
全自动聚氨酯彩钢夹芯板生产线

PU Sandwich Panel Production Line Simple Version
聚氨酯彩钢夹芯板生产线简易版本



1 Uncoiler 开卷机

Разматыватель

Uncoiler for lower and upper facing. Uncoiler units including coil loader, pressing rollers,band edge control system, band delivery drivers, shearing, band connecting stations,looping station, delivery roller table.

Advantage: Time-saving(and therefore also cost-saving) continuous coil and band exchange standstill of the facility.



2 Roll Forming 单瓦成型机

Профилегибочное оборудование

Roll Forming machines to shape surfaces and edges of the wall, roof and sectional door elements.

Advantage: Good accessibility and minimum profile exchange times by the serial installation of the profiling machines. Driving the profiling tool sets by means of DC motor including electronic control guarantees the synchronous inlet of the two metal widths into Double Conveyor facility without tension or thrust.



3 Pre Heating 预热装置

Подогревание



4 Potal & PU Foaming & Tank Station

Заливание полиуретана 布料和聚氨酯发泡机储料罐

PU Foaming Machine Axial piston, series piston, single piston and diaphragm pumps to process the different components. Design of the entire "Wet part" complying with the environmental requirement.





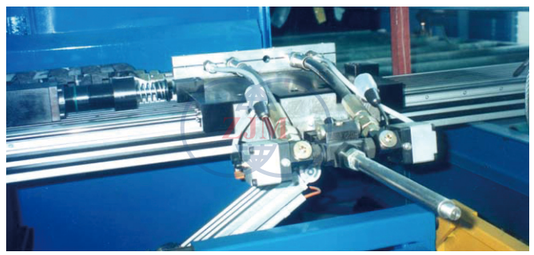
5 Pentane Metering Machine

Циклопентановая система 环戊烷计量装置



6 PU Pouring 聚氨酯浇注系统

Заливание полиуретана





7 Double Slat Conveyor 双履带

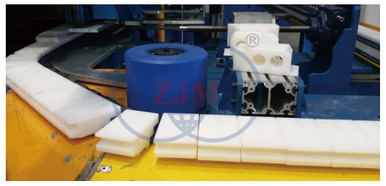
Гусеничный пресс



8 Side Block 侧挡块

Боковые формы





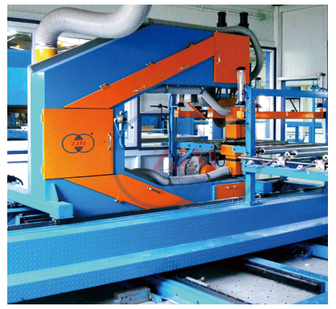
9 Heating System

Система нагревания 加热系统



10 Cross Cutter Ленточная резка 切割机

Cross Cutter to cut the continuous element hank to preprogramed lengths. Belt saw for longitudinal saw and cut edge cleaning machine as well as sound insulation cabin, exhaustion device and filtering installation.





11 Cooling Conveyor and Stacker

Охлаждение и штаблер 冷却装置和码垛

Crosshead design for separate stacking of1A and 2A rated products.



12 Packing Упаковка 打包机



MADE BY ZHONGJI
TECHNOLOGY AND DESIGNER

Mineral Wool (GlassWool) Color Steel Sandwich Panel

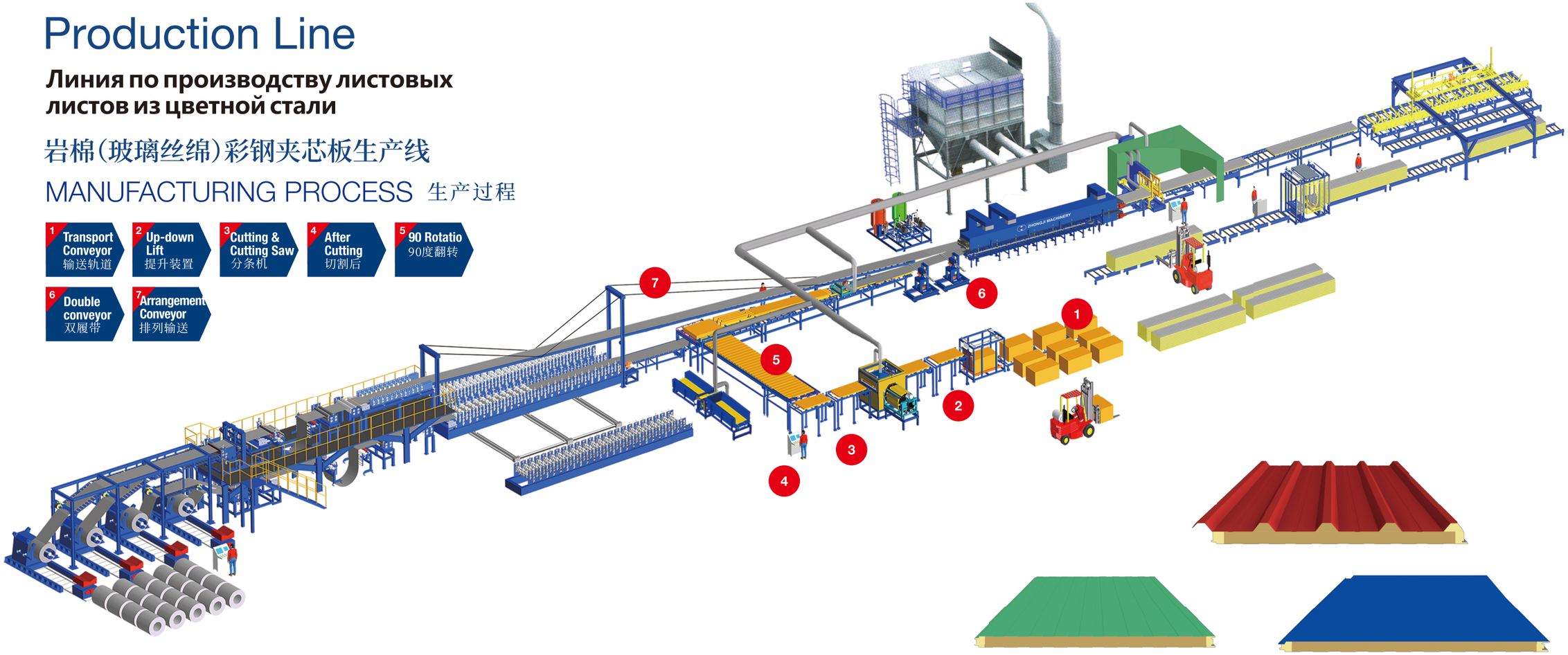
Production Line

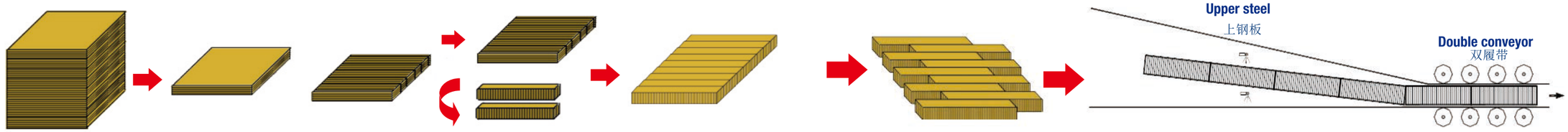
Линия по производству листовых листов из цветной стали

岩棉(玻璃丝绵)彩钢夹芯板生产线

MANUFACTURING PROCESS 生产过程

1 Transport Conveyor 输送轨道
2 Up-down Lift 提升装置
3 Cutting & Cutting Saw 分条机
4 After Cutting 切割后
5 90 Rotatio 90度翻转
6 Double conveyor 双履带
7 Arrangement Conveyor 排列输送





Transport on Slat conveyor
在传输带运输

One by one by Up-down lift
通过提升装置
一片一片输送

Cutting
分条

90°C roatation
90度翻转

Arrangement
排列

Displacement
错位

Lower steel
下钢板

PU adhesive
pu喷胶

Double conveyor
双履带

Mineral wool Board Supply, Cutting & Turning System

Автоматическая система для минваты резка &переворачивание

岩棉板提供切割和翻转系统

Consists of Transfer conveyor, Lift, Board Cutter and Turning Conveyor in accordance with the thickness of sandwich panel, and supplies it to the equipment continuously.

1 Transport Conveyor

Конвейер 输送轨道



2 Up Down Lift

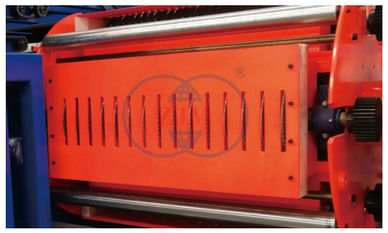
Подъёма 上下提升装置



3 Cutting & Cutting Saw

Нарезание 切割分条机和切割刀





Board side trimming & supplying Подача нарезание переворачивание

岩棉板侧铣边

Consists of Transfer conveyor, Lift, Board Cutter and Turning Conveyor in accordance with the thickness of sandwich panel, and supplies it to the equipment continuously.

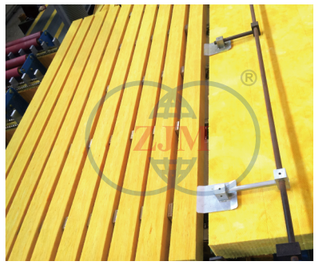
4 After Cutting 切割后

После нарезания



5 90° Rotation 90°翻转

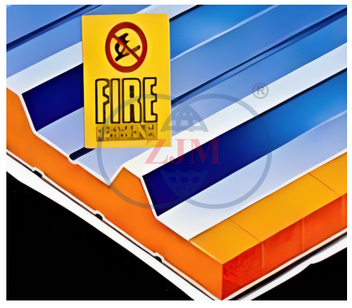
Переворачивание



6 Arrangement 排序整列

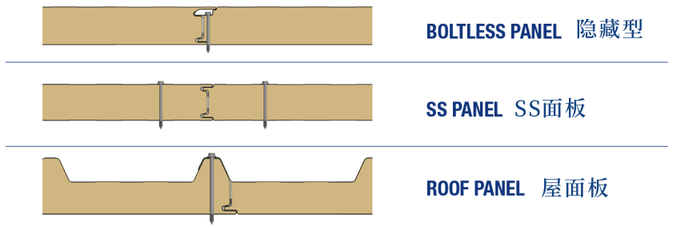
Аранжировка





Mineral Wool Panel 岩棉板

Панель из минваты



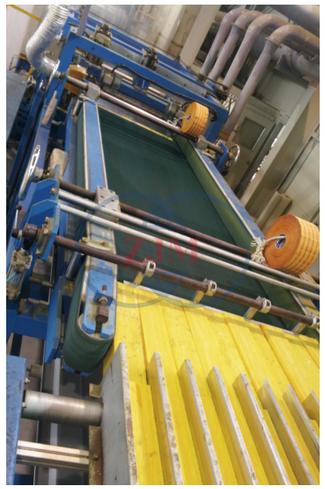
Glue applying system

Система клея 胶水系统

It is a device applying glue, having a couple of types such as Mixing type and Spray type. Mixing type is widely used throughout the world, as it is relatively inexpensive and durable. Spray type can save the discharge and application quantity of glue, while the price is somewhat higher.

7 Arrangement Conveyor 排列输送带

Конвейер аранжировки





8 Pu Bonding(Glue)

Клеивать клем 涂胶系统

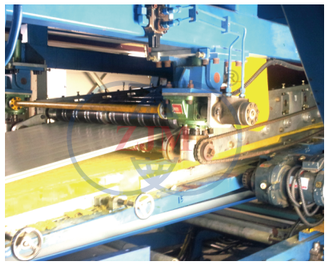


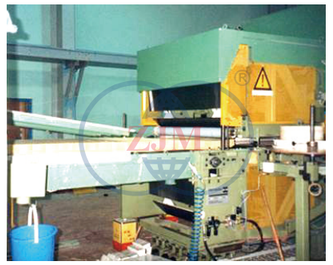
Insert to Double conveyor Заливание полиуретана 输送进入双履带

It is a device that makes the shape of sandwich panel applying constant pressure and heat to the upper and lower steel plates where glue is applied.

9 Insert to Double Conveyor 输送进双履带

Заливание полиуретана





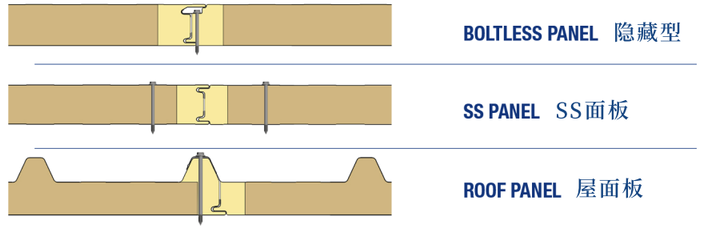
10 Pad Cutting 梯形条切割

Резка панели



Mineral Wool + PU Panel 岩棉板+PU封边

Панель из минваты с краем из полиуретна



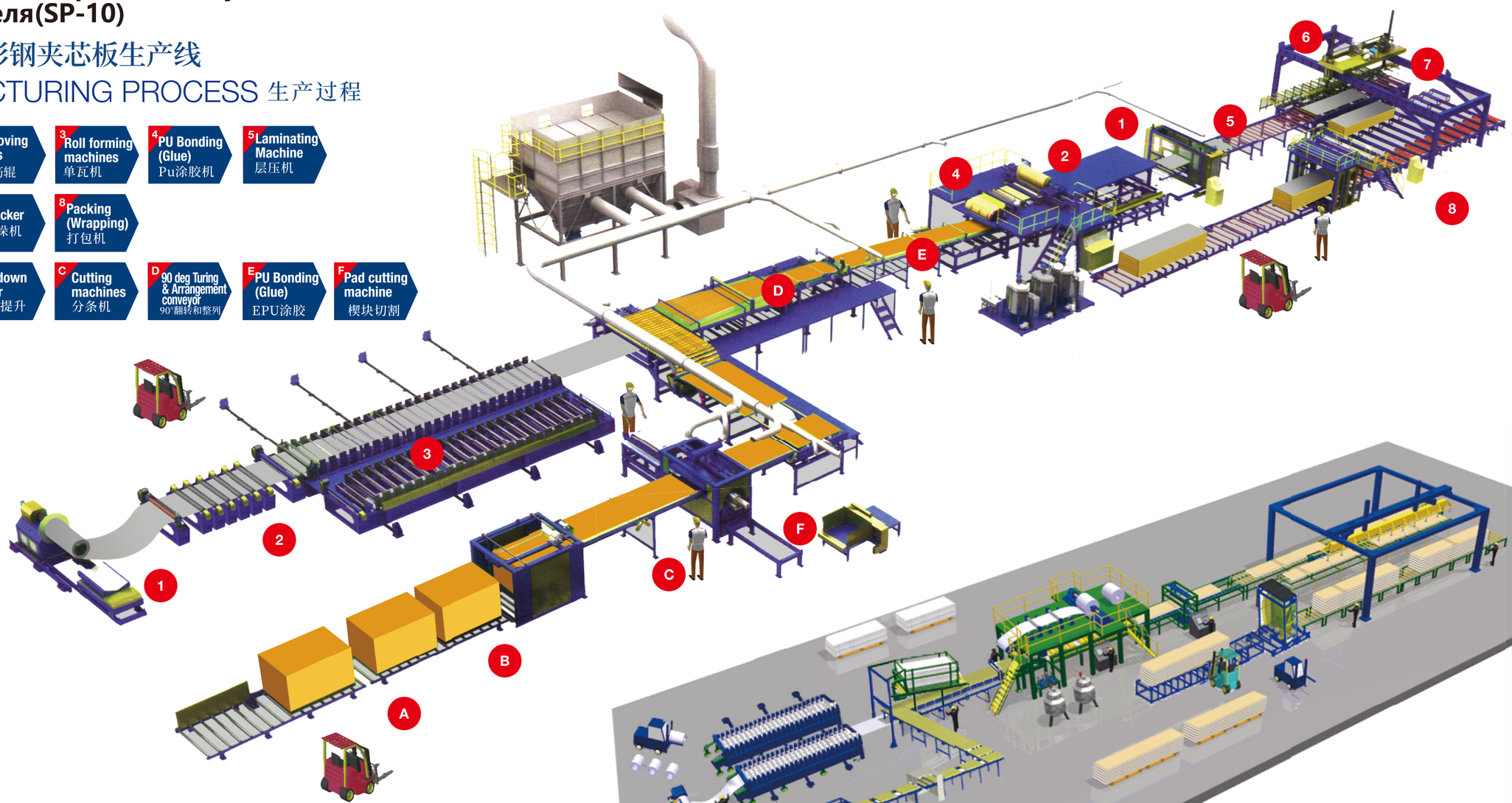
EPS/Mineral Wool Color Steel Sandwich Panel Production Line (SP-10)

EPS / линия по производству листового заполнителя(SP-10)

EPS/岩棉彩钢夹芯板生产线

MANUFACTURING PROCESS 生产过程

1 Uncoiler 开卷机
2 Grooving rolls 压筋辊
3 Roll forming machines 单瓦机
4 PU Bonding (Glue) Pu涂胶机
5 Laminating Machine 层压机
6 Cutter 切割机
7 Stacker 码垛机
8 Packing (Wrapping) 打包机
A Slat conveyor 输送带
B Up-down lifter 上下提升
C Cutting machines 分条机
D 90 deg Turing & Arrangement conveyor 90°翻转和整列
E PU Bonding (Glue) EPU涂胶
F Pad cutting machine 楔块切割



MADE BY ZHONGJI
TECHNOLOGY AND DESIGNER

EPS/Mineral Wool Color Steel Sandwich Panel

Production Line (SP-5/7/9)

Линия для производства сэндвич панели СП-5/ СП-7/ СП-9

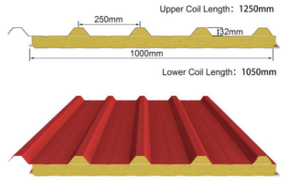
EPS/岩棉彩钢夹芯板生产线





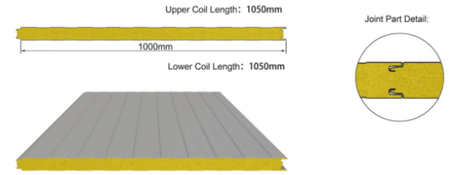
SP9 ROOF PANEL 屋面板

Крыша



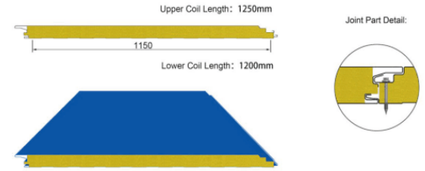
SP9 SS PANEL SS墙板

Стена с замком Z-LOCK



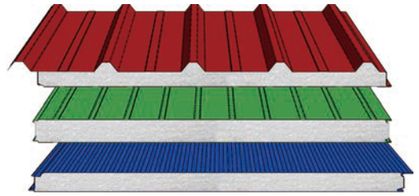
SP9 BOLTLESS PANEL 隐藏式墙板

Стена с скрытым замком



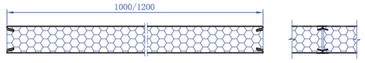
EPS PANEL 泡沫夹芯板

Панель из пенопласта

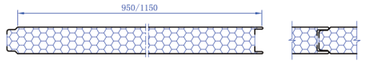


SP-7 type

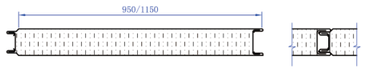
H型墙板 1000/1200mm EPS芯材
H Wall Panel 1000/1200mm EPS Core



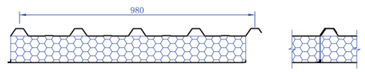
企口连接 950/1150mm EPS芯材
Tongue & Groove Wall panel EPS Core



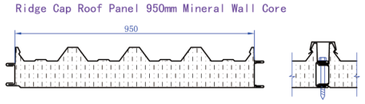
插口连接 950/1150mm 岩棉芯材
infixing wall panel 950/1150mm Mineral Wool Core



搭接式 980mm EPS芯材
Joint Roof Panel 980mm EPS Core

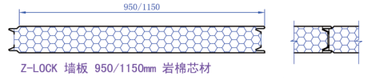


盖帽式屋面板 950mm 岩棉芯材
Ridge Cap Roof Panel 950mm Mineral Wall Core

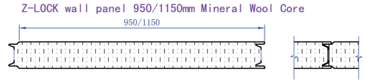


SP-9 type

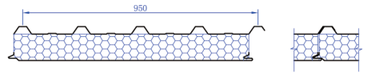
Z-LOCK 墙板 950/1150mm EPS芯材
Z-LOCK wall panel 950/1150mm EPS Core



Z-LOCK 墙板 950/1150mm 岩棉芯材
Z-LOCK wall panel 950/1150mm Mineral Wool Core



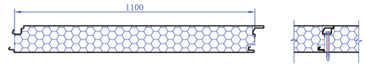
Z-LOCK 屋面板950mm EPS芯材
Z-LOCK Roof panel 950mm Mineral EPS Core



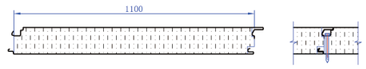
Z-LOCK 屋面板 950mm 岩棉芯材
Z-LOCK roof panel 950mm Mineral Wool Core



隐藏式墙板 1100mm EPS芯材
Hidden Wall Panel 1100mm EPS Core



隐藏式 1100mm 岩棉芯材
Hidden Wall Panel 1100mm Mineral Wool Core



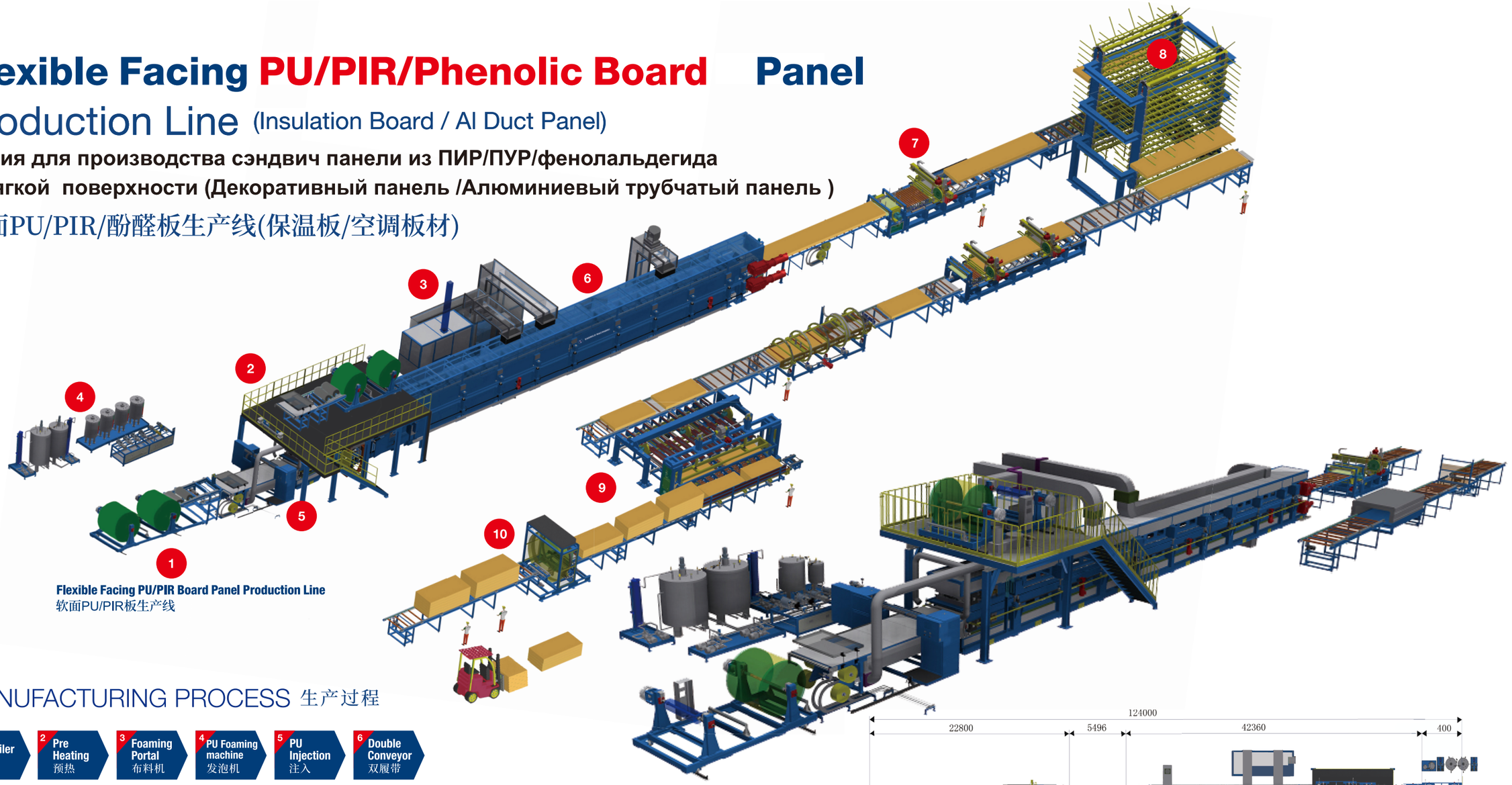
MADE BY ZHONGJI
TECHNOLOGY AND DESIGNER

Flexible Facing PU/PIR/Phenolic Board Panel

Production Line (Insulation Board / Al Duct Panel)

Линия для производства сэндвич панели из ПИР/ПУР/фенолальдегида с мягкой поверхности (Декоративный панель /Алюминиевый трубчатый панель)

软面PU/PIR/酚醛板生产线(保温板/空调板材)

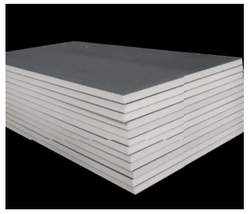
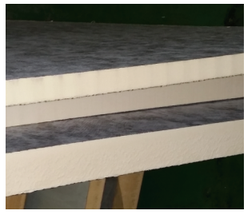
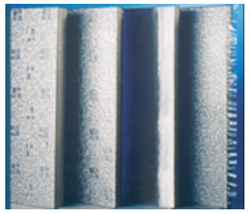


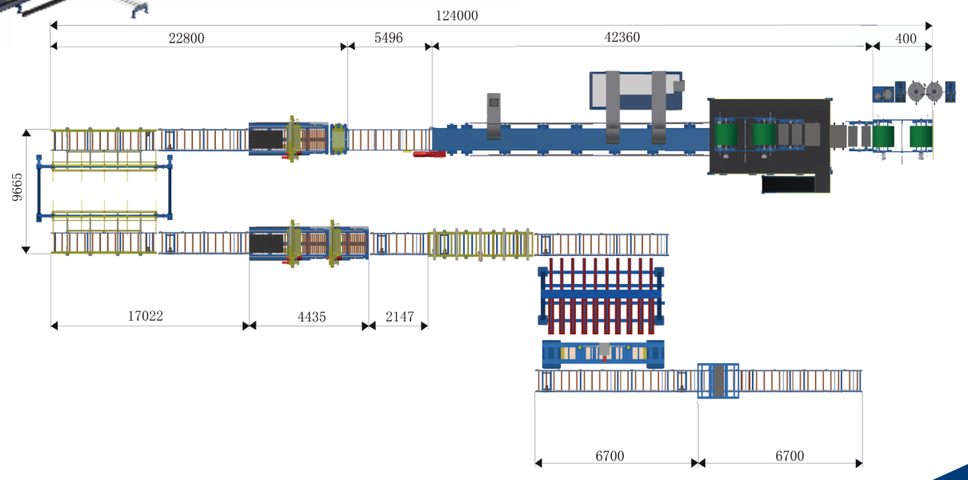
Flexible Facing PU/PIR Board Panel Production Line
软面PU/PIR板生产线

Phenolic Board Panel Production Line
酚醛板生产线

MANUFACTURING PROCESS 生产过程

1. Uncoiler 开卷
2. Pre Heating 预热
3. Foaming Portal 布料机
4. PU Foaming machine 发泡机
5. PU Injection 注入
6. Double Conveyor 双履带
7. Cross Cutter 切割机
8. Cooling Conveyor 冷却装置
9. Staker 码垛
10. Packing 打包

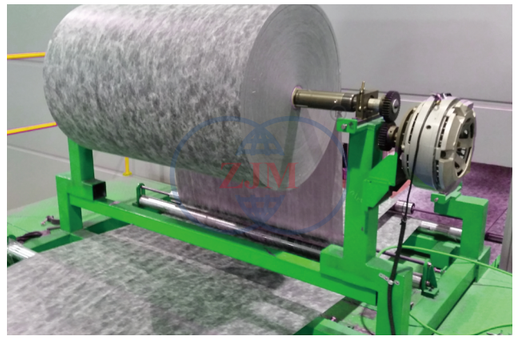





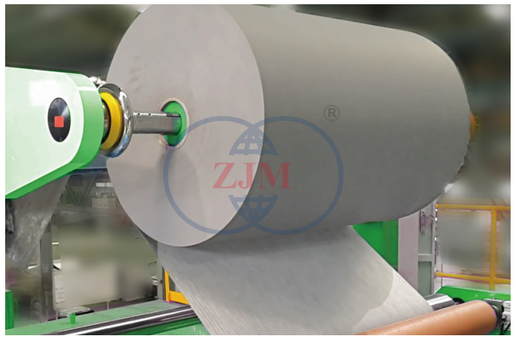


MADE BY ZHONGJI
TECHNOLOGY AND DESIGNER

1 Uncoiler Разматыватель 开卷机

Uncoiler is drive type, and is installed two each at the upper part and the lower part separately. It is very difficult for the flexible facing such as paper, minerals hear non woven, aluminum foil differently on steel plate to entry into a double belt conveyor when it is untied from uncoiler. So, auto centering device(E.P.C.) and tension control device should be installed to the uncoiler.
Facing materials : Soda kraft paper, Aluminium foil, mineral shear non oven, etc.





2 Pre Heating Подогревание 预热装置



3 PU Foaming Machine PU发泡机

Система заливания полиуретана

It is designed for mixing and metering the raw material Polyol, Iso, Pentane, Additive and Catalysts.

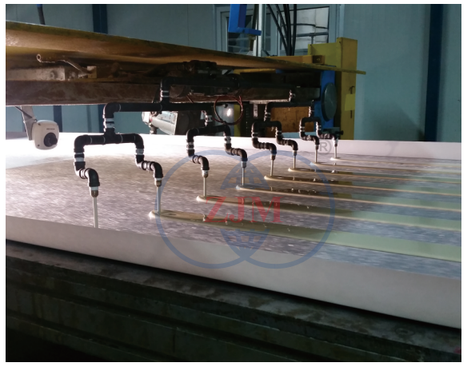




4 PU Injection Вливание полиуретана PU注入

PU material is outputted from outlet pipe of the mixing head onto the lower facing layer while moving crosswise along the Foaming Portal (Coating Gantry)





5 Double Conveyor & Heating

Гусеничный пресс /нагревание

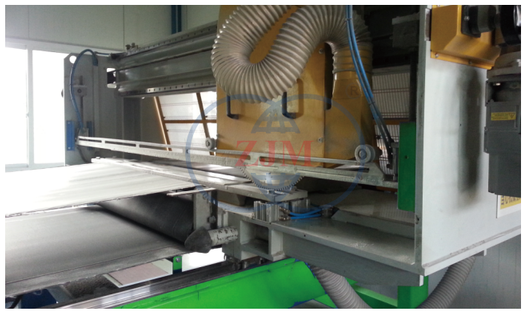
双履带和加热

The double belt is designed to contain the uprising pressure during the foam reactive process by the action of a screw jack ensure the required flexible facing panel thickness.
The double belt conveyor conveys a continuous panel from PU foaming portal to the cutter while containing upper, lower and lateral uprising pressure while keeping up the uniform thickness and facing of the finished panel.





6 Cutting Резка 切割机

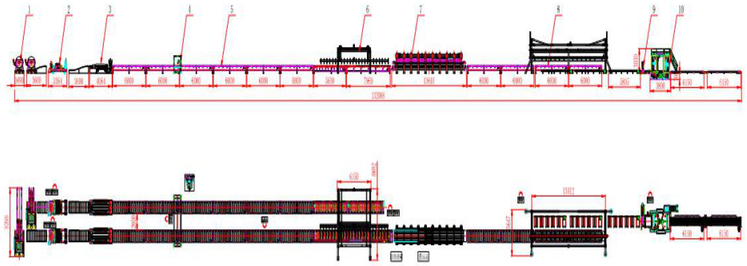




Clean Room Sandwich Panel
Automatic Production Line

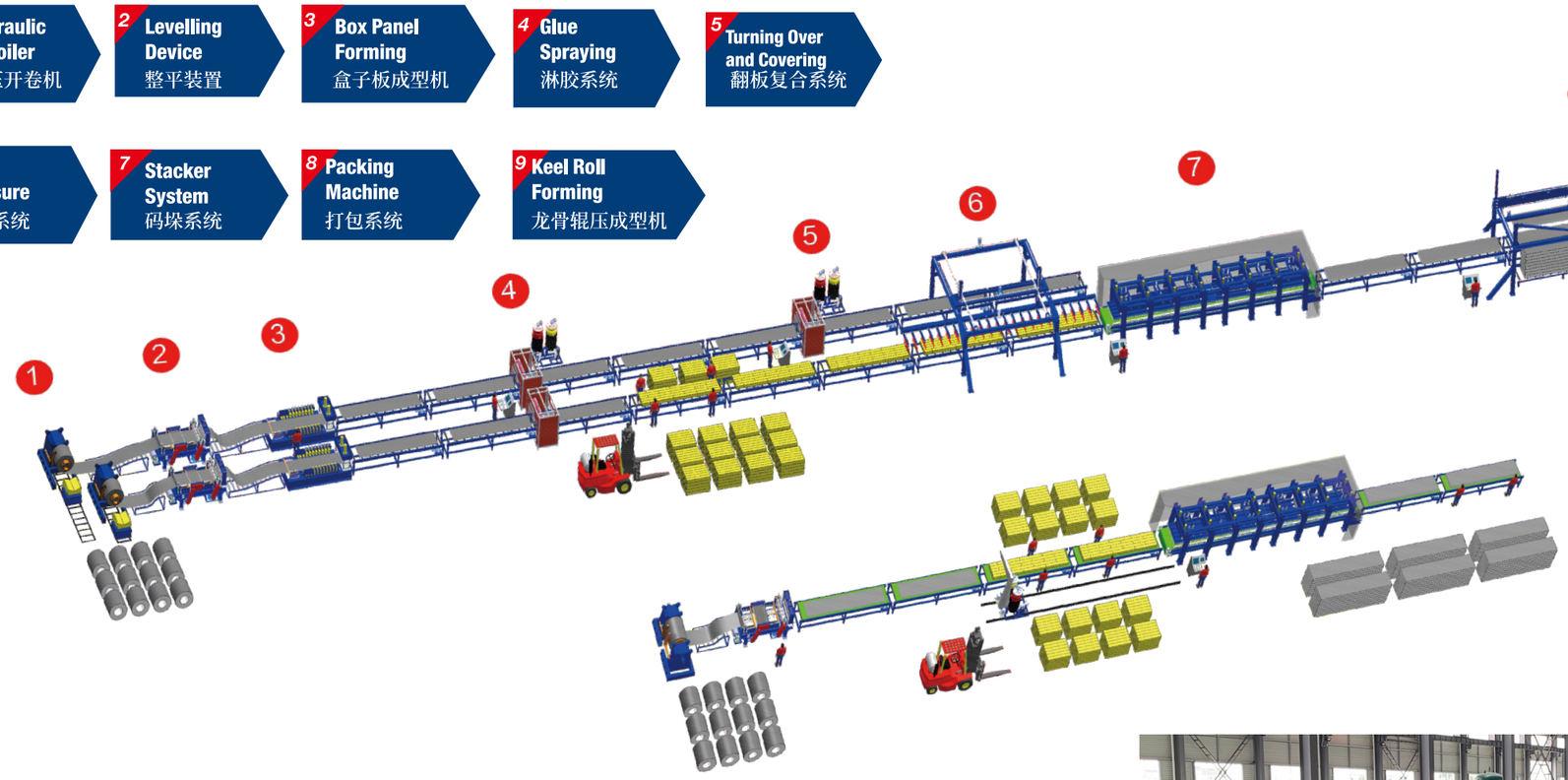
Автоматическая линия по производству сэндвич-панелей для чистых помещений

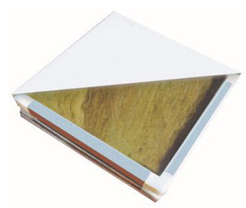
净化彩钢夹芯板全自动生产线



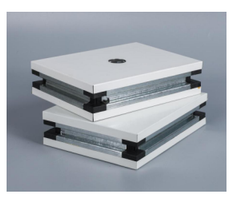
MANUFACTURING PROCESS 生产过程

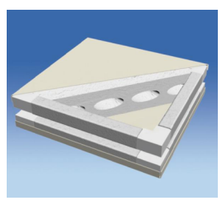
1. Hydraulic Uncoiler 液压开卷机
2. Levelling Device 整平装置
3. Box Panel Forming 盒子板成型机
4. Glue Spraying 淋胶系统
5. Turning Over and Covering 翻板复合系统
6. High Pressure 热压系统
7. Stacker System 码垛系统
8. Packing Machine 打包系统
9. Keel Roll Forming 龙骨辊压成型机

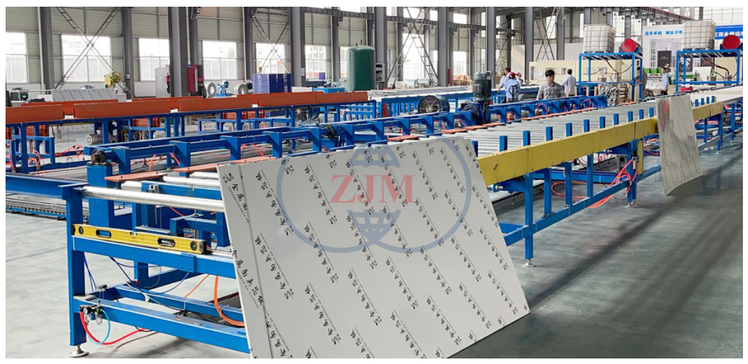












1 Hydraulic Uncoiler

Разматыватель

液压开卷机

The two sets of uncoilers on this production line are used for feeding and recycling steel coils.

Advantages: including loading trolley, V-shaped loading interface, hydraulic station, and uncoiler host.



2 Levelling Device

Нивелирования

整平装置

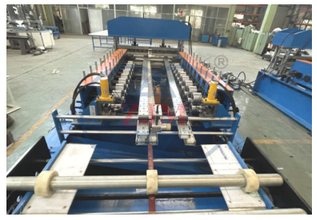
This machine includes adjustable feeding device, film covering device, guiding and leveling device,and hydraulic flat shear device.



3 Box Panel Forming Machine Формовки плит 盒子板成型机

This machine includes adjustable hydraulic punching device,
roll forming machine, hydraulic forming shear and bending mechanism, PLC console.







4 Glue Spraying System Нанесение клея 淋胶系统

The glue spraying machine is used to accurately measure and evenly spray single component or dual component glue onto the surface of the workpiece.

Advantage: Adopting imported rubber pumps and Siemens servo motors to achieve precise measurement.







5 Conveying and Turning 翻板复合系统

Конвейерная и токарная

The lateral turnover device consists of a horizontal ground rail conveyor, a track, a parking protection
device, and a suction cup turnover machine.

Advantages: Saving manpower, doubling production efficiency, and reducing labor costs.





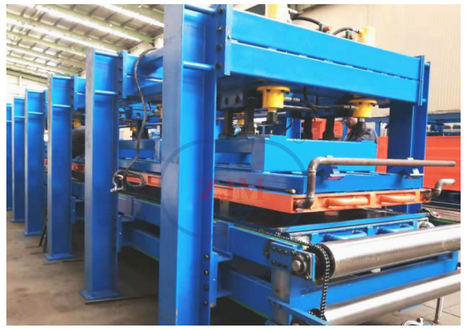
The lateral turnover device consists of a steel plate positioning device, a gantry type lateral conveying device, a parking protection device, a suction cup turnover machine, and a lifting device.

Advantages: High positioning accuracy and smooth operation.

6 High Pressure Machine

Машина высокого давления

热压系统



7 Stacking Machine

Стекер

码垛系统



8 Packing Machine

Упаковка

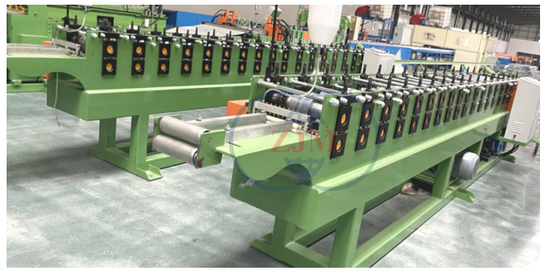
打包系统



9 Keel Roll Forming Machine

Формовки килевых валов

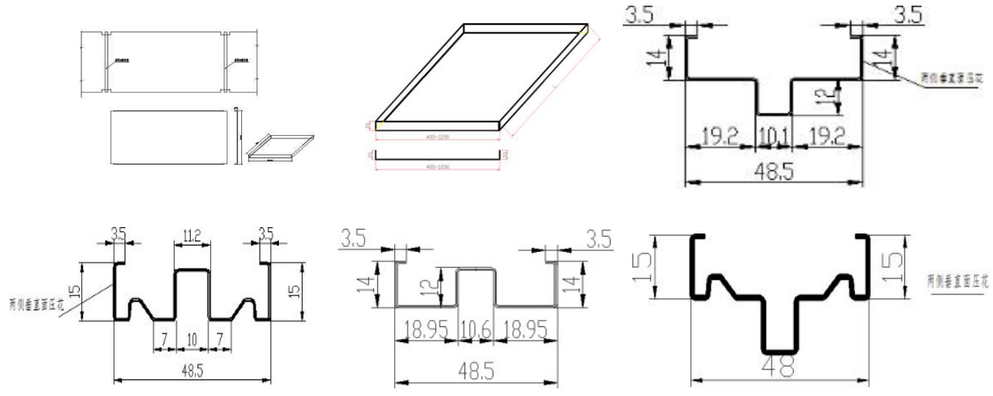
龙骨辊压成型机



1 Box Board Type and Sample (reference)

Образец панели для чистых помещений(для справки)

盒子板板型与样品(参考)



2 Clean Room Sandwich Panel Automatic Production Line

Автоматическая линия по производству панели для чистых помещений-пример завода заказчика

净化彩钢夹芯板全自动生产线--客户工厂案例

苏州永盛(江西分厂实景)

Machines:

The production line is mainly composed of uncoiling system, cold bending forming system, upper and lower plate gluing system, lateral moving conveying and turning plate system, plate conveying system, hot pressing system, palletizing system, packing system, etc.

Project condition:

Annual output :800000~1000000㎡(based on panal length 12m)
Whole line length:about 120m(include uncoiler and box panel machine)
Laminating machine effective length:12m(Belt Laminator)
Labors:8-10



3 Types of Manually Purified Sandwich Panels

Тип панели для чистых помещений

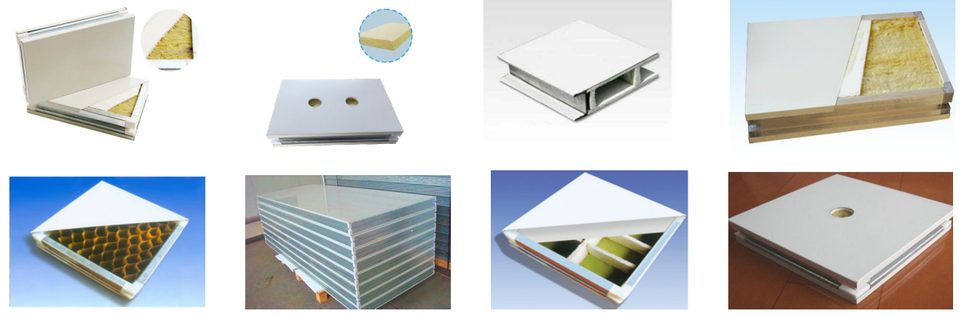
手工净化夹芯板种类

Rock wool clean room sandwich panel
岩棉净化板

Glass magnesium clean room sandwich panel
玻镁净化板

Honeycomb clean room sandwich panel
蜂窝净化板

Keel Rolled Profiles
龙骨辊压型材

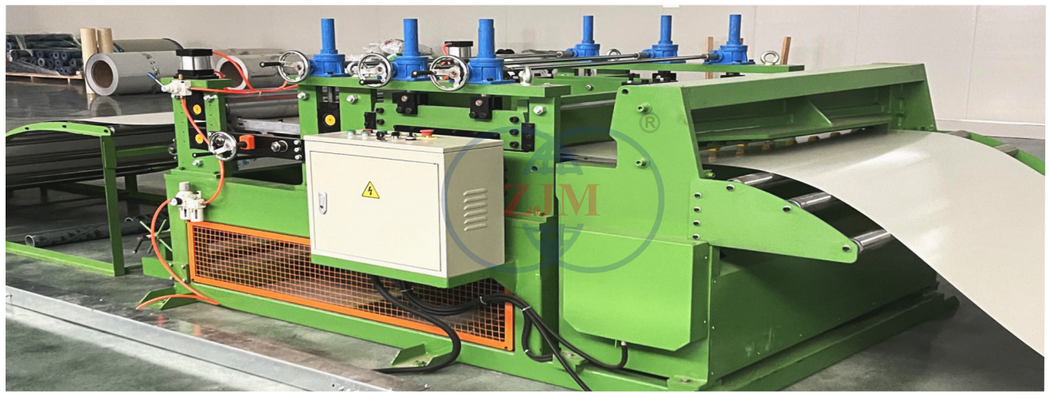


4 Customer Factory Case Дело фабрики клиента 客户工厂案例

Project advantage:

This production line adopts advanced hot pressing technology, adhesive foaming technology, composite transmission technology, CNC servo control technology, variable frequency vector control technology, and hydraulic control technology both domestically and internationally. The characteristics of this production line are: high degree of automation, fast production efficiency, simple operation, low production costs, and saving investment costs.





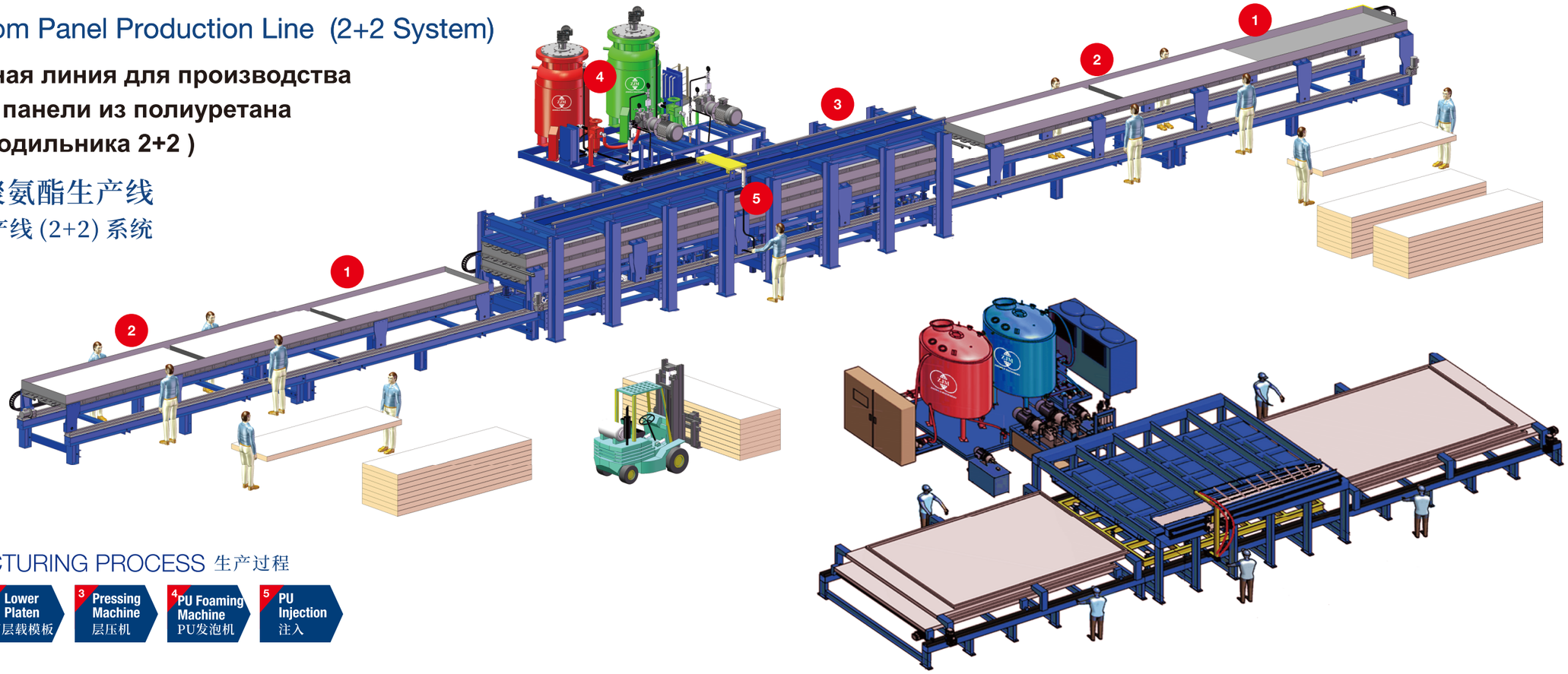
Discontinuous Panel Production Line

Cold Room Panel Production Line (2+2 System)

Прерывная линия для производства сэндвич панели из полиуретана (для холодильника 2+2)

非连续聚氨酯生产线

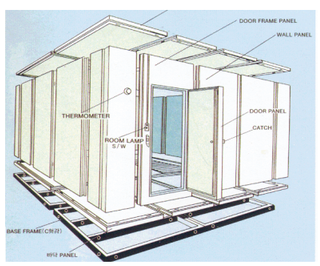
冷库板生产线 (2+2) 系统



MANUFACTURING PROCESS 生产过程

1. Upper Platen 上层载模板
2. Lower Platen 下层载模板
3. Pressing Machine 层压机
4. PU Foaming Machine PU发泡机
5. PU Injection 注入







CLASSIFICATION OF REFRIGERATED CARRIAGE PLATE PRODUCTION LINE

冷藏车车厢板生产线

1. Carriage Board Laminating Machine 冷藏车车厢板层压机
2. 1+1 Continuous Laminating Machine 1+1连续式层压机
3. 2+2 Tilting Laminating Machine 2+2可倾斜式层压机

Working Platens

One fixed top plate and 4 movable platens for simultaneous and alternating loading/ unloading.

Frame & Structure

Welded beam structure composed by steel beams.
Every support point (for the beams, for the pistons, for the plates), are worked by CNC tool-machine to grant the parallelism during the assembling of the structure.
Double rack and pinion system on the length and on the width to grant the perfect movement of the plates.

Heating Plate

Assembled solid steel plates predisposed for heating plant which uses water as heating liquid.

1-2 Upper and Lower Platen 上下载模板

Верхняя и нижняя пресс-платина







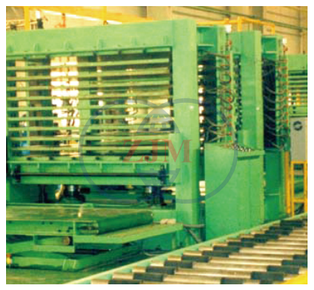
3 Pressing Machine Прессование 层压机





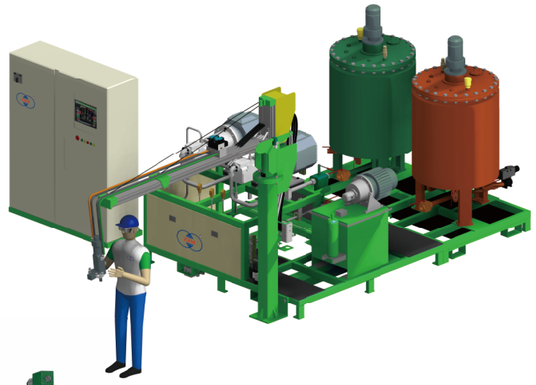






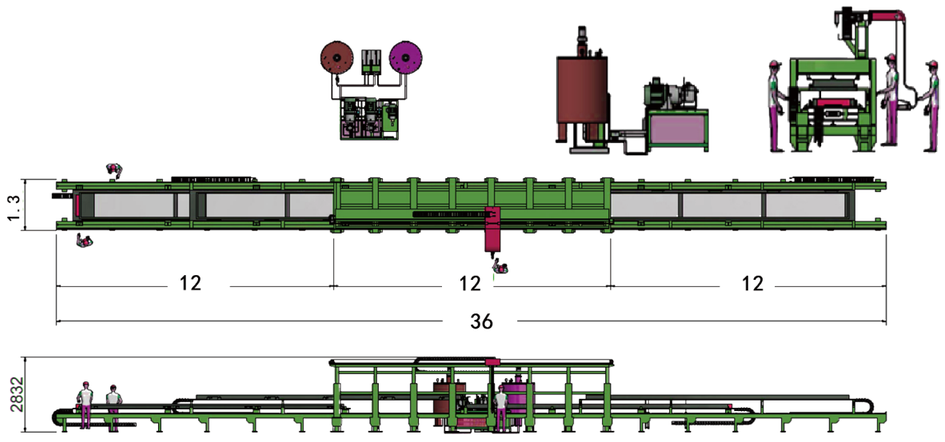
4 PU Foaming Machine Заливание полиуретана PU发泡机

Each metering unit is separately fitted for the Polyol and Isocyanate, and consists of an axial piston pump, coupling, flanged A.C motor, pump support and safety valve.
The pump output can be adjusted infinitely by hand-wheel and scales fitted to the pump housing.





5 2+2 Press Layout Схема расположения прессования 2+2层压机布置图



MADE BY ZHONGJI
TECHNOLOGY AND DESIGNER

1 Carriage Board Laminating Machine

Машина для ламинирования вагонных плит

车厢板层压机

Main features:

The production equipment for non-continuous polyurethane sandwich panels/refrigerated carriage panels has a size of 3.5 meters x 12 meters, adopts a bilateral entry and exit form, and the host can tilt; At present, it is the most advanced large-scale special equipment for hot adhesive pressing plate of composite panel of Box truck in China, which can produce cold storage panel and large compartment panel. The equipment is composed of a host frame, a left and right mobile conveying platform, a loading template, a hydraulic driven lifting platform, a hot pressing plate heating system, a PLC control system, etc.





2 1+1 Continuous Laminating Machine

1+1 машина непрерывного ламинирования

1+1连续式层压机

Main features:

1.The hot press can produce compound purifying plate and polyurethane foam purifying plate on the spot, which is suitable for the processing of sandwich carriage plate/purifying plate in military cabin and the hot pressing molding of many kinds of composite materials, such as aluminum plate, fiberglass plate, PUR foam material sandwich plate pressure.
2.The laminating machine is composed of main machine, heating system, hydraulic system and PLC control system. The utility model has the advantages of compact structure, high working efficiency, etc.



3 2+2 Tilting Laminating Machine

2+2 Наклонная ламинационная машина

2+2 可倾斜式层压机

Main features:

The size of the 2+2 tilting laminator can reach 3.5 meters x 14 meters, and it adopts a bilateral inlet and outlet form. The main machine can tilt.
1. The fixed load formwork is made of steel plate with thickness of 60mm, the moving load formwork is made of steel plate with thickness of 80mm, which ensures that the polyurethane color steel plate with thickness of 250mm will not be deformed even when it is used for a long time, the work intensity is about 1.3 times of the rated work coefficient.
2. The temperature of the template is heated by heat-conducting oil, and the temperature of each template is controlled by the proportional valve. More accurate temperature control, energy saving..





Polyurethane High/low Pressure Foaming Machine

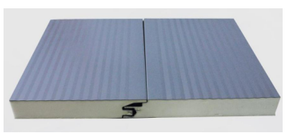
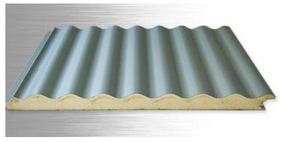
Щиты чистых камер
Автоматизированная производственная линия
聚氨酯高/低压发泡机

CLASSIFICATION OF FOAMING MACHINES
发泡机种类

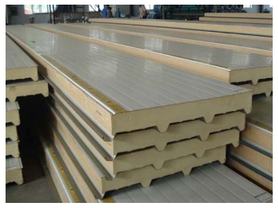
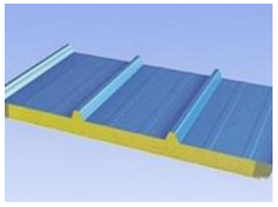
1. **Six-Component Foaming Machine**
   六组份聚氨酯高压发泡机
2. **Five Component Foaming Machine**
   五组份聚氨酯高压发泡机
3. **Two-Component Foaming Machine**
   两组份聚氨酯高压发泡机







1 Six-Component Foaming Machine 六组份聚氨酯高压发泡机

Шестикомпонентная установка для вспенивания

The multi-component continuous foaming machine manufactured by our company has the characteristics of accurate measurement, adjustable density, fast speed, and self-cleaning function of the gun head. By adopting self-developed emulsification technology and adding gas mixing devices and emulsification units, the mixing uniformity and bubble uniformity of the material liquid have been greatly improved.

Advantages: Under the same conditions, the foam formed sandwich board has lower density, finer foam pores, lower thermal conductivity, and higher quality..





2 Five Component Foaming Machine 五组份聚氨酯高压发泡机

Пятикомпонентная установка для вспенивания

Product details:
Main features:
1. The emulsification pump unit (which allows nitrogen and polyether to be fully mixed, reducing the density of the board and improving the foaming quality) is self-made using Italian technology.
2. Air quality flow meter (precise control of the mixing ratio of raw materials and nitrogen)
3. Pol high-pressure heat exchanger (used for accurate control of raw material temperature after the pump)
4. Iso high-pressure heat exchanger (used for accurate control of raw material temperature after the pump)













3 Two-Component Foaming Machine 两组份聚氨酯高压发泡机

Двухкомпонентная установка для вспенивания

Key features:
1. High/low pressure foaming machine system: material flow system, metering system, gas system, heating system, cleaning system, mixing device.
2. High/low pressure foaming machine production equipment is more suitable for automatic production line.
3. High/low pressure foaming machine is a polyurethane foaming equipment developed by our company on the basis of absorbing and digesting the technology of German company.
4. It is mainly used in continuous polyurethane sandwich sheet foams.
5. The main parts of the imported equipment, the machine has high precision continuous injection, mixing uniform, stable performance, easy operation, high production efficiency and so on.



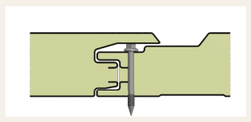


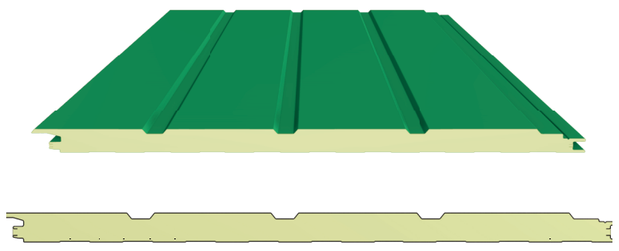
PU Sandwich Panels

Сэндвич панель из полиуретана

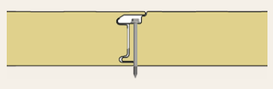
BOLTLESS WALL PANEL Скрытый стеновый панель 隐藏型板

JOINT





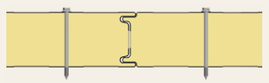
JOINT

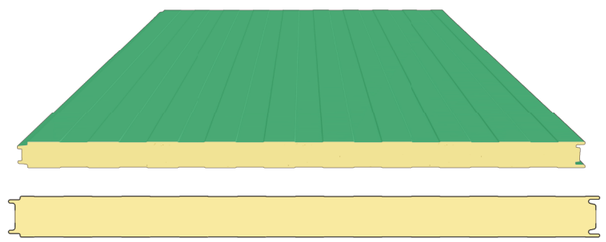




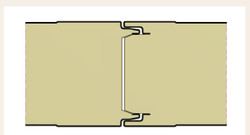
WALL(SS, COLD ROOM) PANEL Стена и холодильник 墙板 (SS型, 冷库板)

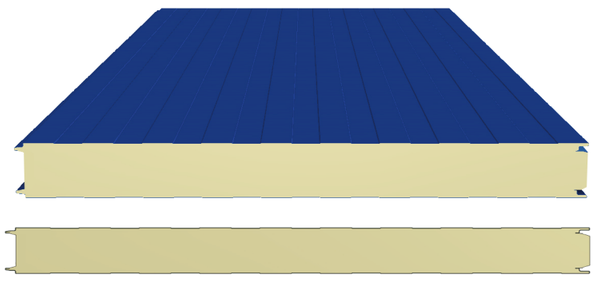
JOINT





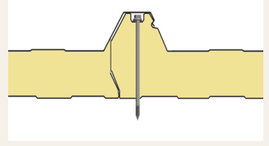
JOINT

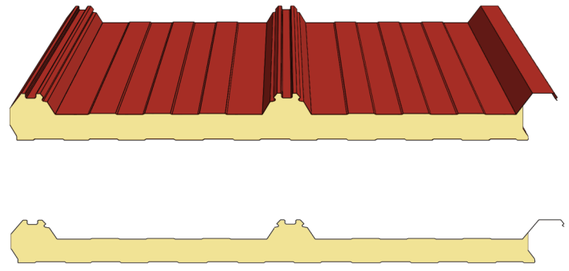




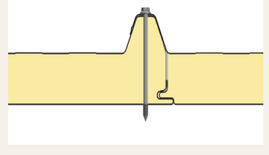
ROOF PANEL Крыша из полиуретана 屋面板

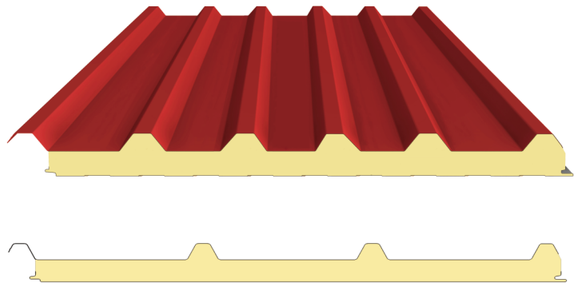
JOINT



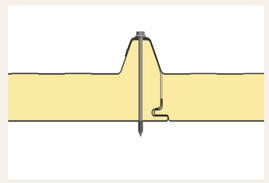


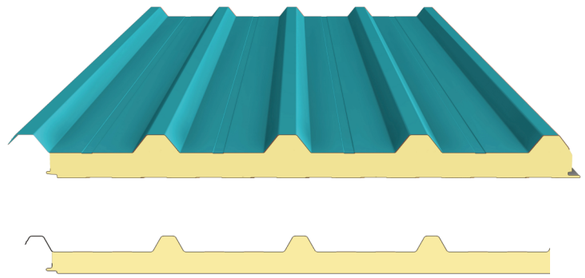
JOINT



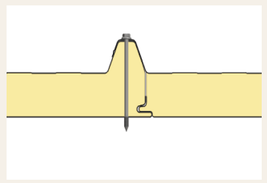


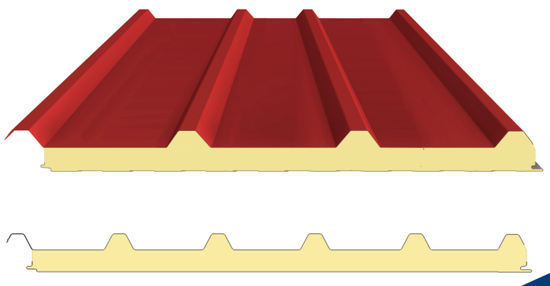
JOINT





JOINT

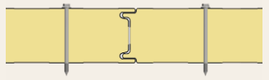


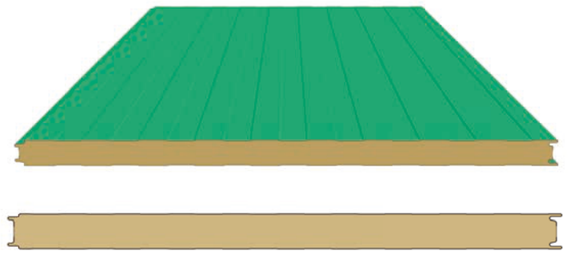


MADE BY ZHONGJI
TECHNOLOGY AND DESIGNER

MINERAL WOOL SS PANEL Z-LOCK стена из минваты 岩棉板 (SS型)

JOINT

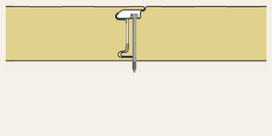




MINERAL WOOL BOLTLESS PANEL Скрытый стена из минваты

岩棉板 (隐藏型)

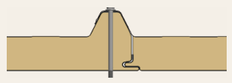
JOINT

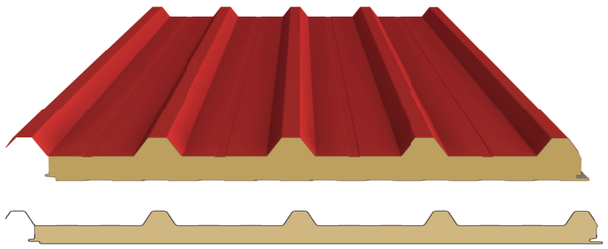




MINERAL WOOL ROOF PANEL Крыша из минваты 岩棉屋顶板

JOINT





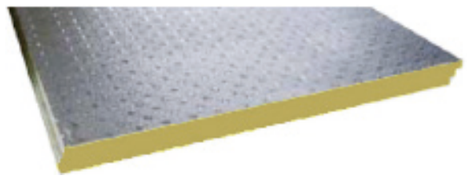
PU BOARD PANEL 聚氨酯保温板

Панель из полиуретана с бумажной поверхности



PU AL DUCT PANEL 聚氨酯空调板

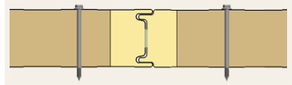
Панель из полиуретана с алюминевой поверхности

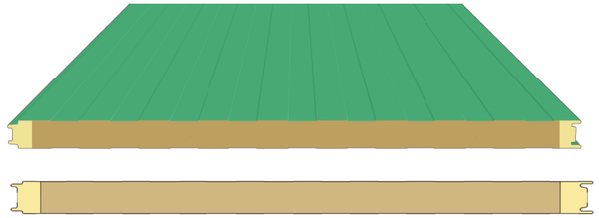


MINERAL WOOL+PU PANEL 岩棉聚氨酯封边板

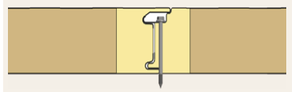
Сэндвич панель из минваты с краем из полиуретана

JOINT



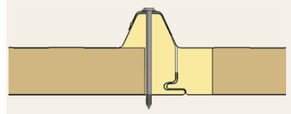


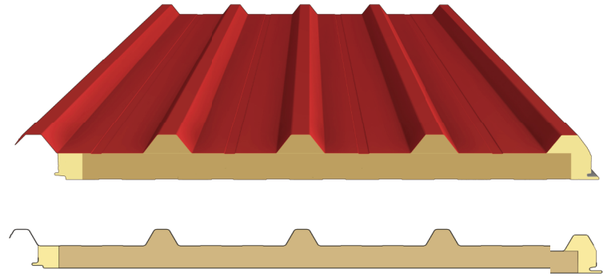
JOINT





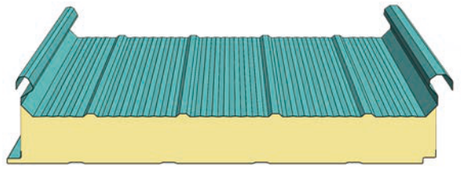
JOINT





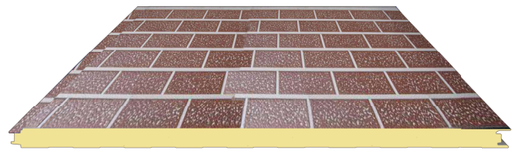
HOOK ROOF PANEL屋面板

Крюковая крыша



BRICK PANEL 砖板

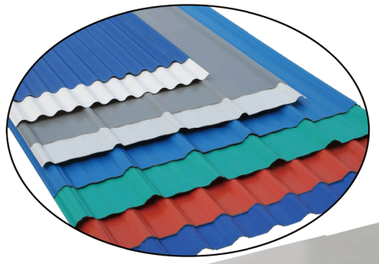
Кирпичный панель

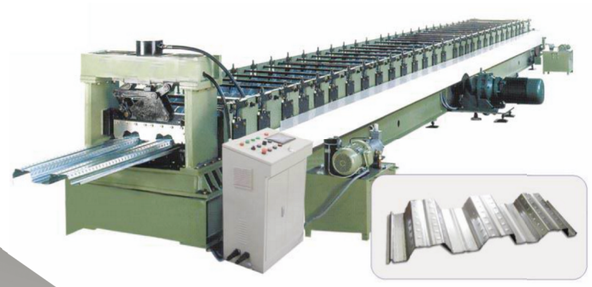


All Kinds of Roll Forming Machines

Профилегибочное оборудование для производства разных профилей

各种单瓦成型机





Professional manufacturer of cold bending forming equipment and fully automated production lines.

Engaged in the production of roof panels and wall profiled panel equipment for steel structures.

The main types of single tile forming machines include: roof panel, wall panel forming machines, color steel equipment, tile pressing machines, C-shaped steel machines, floor bearing plate equipment, rolling shutter door machines, glass tile machines, shearing

冷弯成型设备及全自动生产线专业制造商

从事钢结构用屋面板及墙面压型板设备生产

主营单瓦成型机种类包括：屋面板、墙面板成型机、彩钢设备、压瓦机、C型钢机、楼承板设备、卷帘门机、琉璃瓦机、剪板机、拱型设备、高速护栏设备、Z型钢机等

1 Three Waves Guard Rail Way Roll Forming Machine

трехволновый дорожный высокоскоростной пресс

三波公路高速护栏板压型机

Main features:

1. The cold bending forming equipment for highway guardrail plates can make high-speed guardrail equipment by leveling and punching hot-rolled steel strips.
2. With the increasing demand for guardrail boards on highways, the application of guardrail board machines on highways has become increasingly widespread, and has now become a specialized forming equipment for highway guardrail boards.
3. The machine adopts cold bending forming technology, cold stamping technology, automatic stacking technology, and industrial automation control technology to achieve fully automated production.



2 Double Layer Packing Box Roll Forming Machine Line

Машина для формирования холодных валков для двойных упаковочных коробок

双层打包箱框架冷弯成型机

Main features:

1.The roll forming machine is made of high-quality bearing steel GCr15, quenched at 58-62 degrees. After direct quenching, the surface is finished without other treatment. The control system adopts Siemens PLC control system, and the cutting method adopts.
2.Beam-type unit replacement method: The boss part is replaced by hoisting, and the bracket is installed after lifting.
3. Time for replacement and commissioning of beam-type units: 1-2 hours (after workers are normally trained and qualified for independent work).





3 Clean Room Sandwich Panel Automatic Production Line

пресс для обжима подшипников

楼承板压型机

The floor bearing plate press can continuously roll and produce according to user requirements, automatically fix the length, and stop and cut. This production equipment has the characteristics of low noise, stable transmission, convenient operation, and beautiful rolling products.

Main features:

1. This unit is composed of 4T manual feeding device, leveling device, transmission device, forming roller table and main engine (including guiding platform), cutting device after forming, hydraulic system, electric control system, finished product supporting device, etc.
2. Loading and uncoiling (put the steel coil into the inner support type opening frame and tighten it tightly), the two-roller clamp feeds the plate to calibrate and correctly import, level, roll forming, cut after forming, and the finished product is supported and discharged.



4 Roof Panel/Wall Panel/Door Panel Roll Forming Machine

Домашние панели / стенные панели / дверные пресс

屋面板/墙面板/门板压型机/双层压型机/琉璃瓦机

Main feature:

1. The roof panel/wall panel/door panel forming machine adopts roller forming method, with beautiful appearance, and the strong panel is widely used in wall construction or outdoor decoration.
2. This machine has advanced innovative technology that can provide convenient roller replacement and can be equipped with PLC control and touch screen.
3. The machine is optionally equipped with common uncoiler, hydraulic uncoiler, automatic stacker and so on.





1 High Speed Slitting Line - Automatic Steel Sheet Slitting Machine

Продольная резка с быстрой скорости 高速分条机

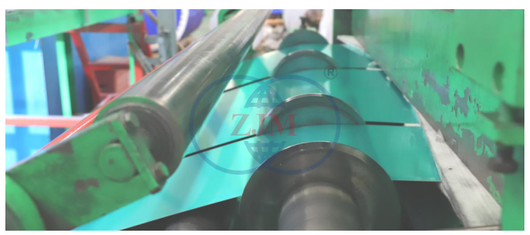
Main feature:

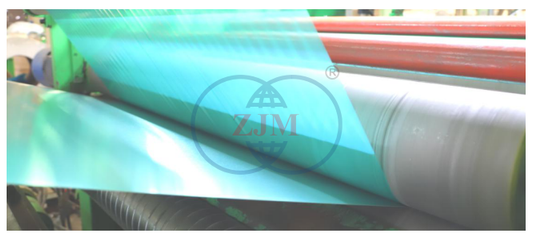
1. The machine adopts the material shelf with a style of cantilever and opening umbrella to put material with no dynamic force. It can adjust the end of the screw mandrel of the material shelf to fit in with steel of different apertures. Easy to operating and its speed of putting materials and the main moulding machine is in phase.
2. The machine adopts Seven Rolls level correction, roll arbors adopt high-quality alloyed steel 40Cr, made with a heat treatment, and it has a perfect effectiveness of level correction to defect band steel.



Main feature:

3. The roller of the principal machine adopts the bearing steel Cr15 to strike, distressing to annealing, quenching, tempering, and Parkerizing, such heat treatment process. The surface hardness reach HRC60 degree.
4. All the rollers are made by the numerical control lather, and this guarantees the accuracy of the roller's sizes and prolongs its working life.









2 Cut to Length Line 纵横剪设备

Оборудование для продольной и поперечной резки

Main feature:

1.The slitting machine consists of uncoiler, slitting machine and winder. Cutting of steel plates of various coil widths and weights from 0.4 mm to 10mm. Each part of the equipment can be tailored to meet specific production needs. Non-ferrous metal, such as cold, hot-rolled carbon steel, stainless steel, aluminum, zinc Non-ferrous metal, and different types of special alloys, can be cut through this equipment.



Main feature:

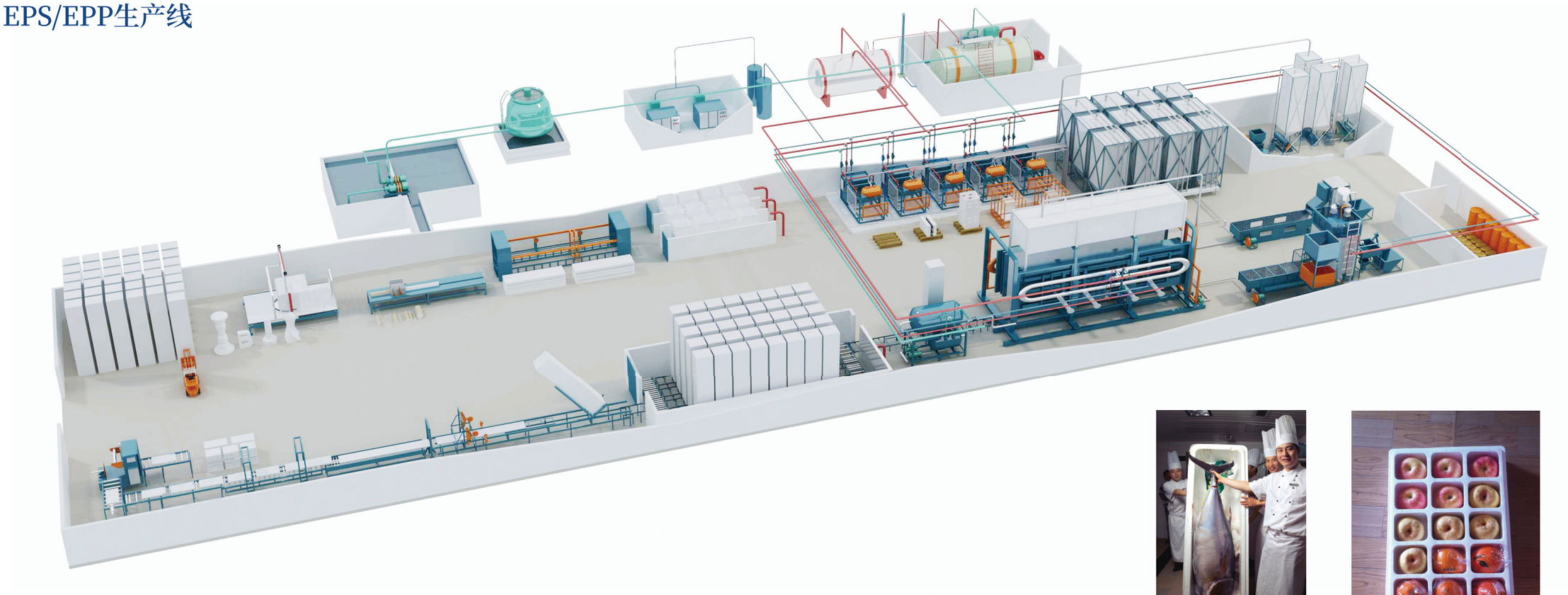
2.With PLC control, the performance of the system is based on the characteristics of various metal plates, automatic high/low speed operation mode, thus achieving improved efficiency, greatly reducing maintenance costs.
3.For lower failure materials, the material uncoiler uses expansion/contraction hydraulic cylinders whose tension can be adjusted by the air pressure circulation system and is equipped with efficient braking devices.



EPS/EPP Production Line

EPS/EPP производственная линия

EPS/EPP生产线











关于中吉



Company Lobby-1F



Marketing Center-3F



R&D Center-2F



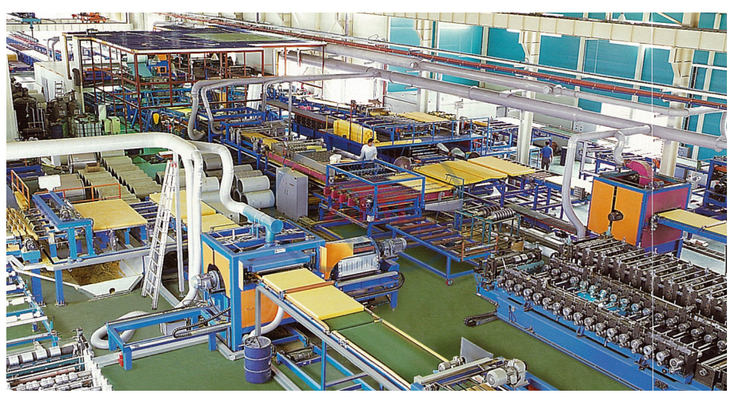
VIP Dinner Room-4F



Staff Dinner Hall-5F



CNC Large Gantry Processing Center



Customer Workshop



Assembly Workshop





Argentine President Mrs. Cristina Fern á ndezl Meets with Sunny Wang, Sales Director of China and Kyrgyzstan



The President of the Republic of San Marino signs a procurement contract with Gunther Hou, CEO of China and Kyrgyzstan



Officers from UN discussed construction materialsand equipment



Dr.Batilda S.Burian,the Minister of Environmentin Tanzandia,iscussed investment with Zhongji



Iranian Consul General in Shanghai and clients purchase equipment at the factory



Mehmet SEKMEN, Mayor of Erzulum City, Türkiye, visited Shanghai Zhongji Machinery and reached cooperation



Iranian customers visited and inspected Shanghai Zhongji Machinery and reached cooperation



Romanian President Meets with Sunny Wang, Sales Director of Shanghai Zhongji Machinery