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QUANZHOU CITY SANLIAN MACHINERY MANUFACTURE CO.,LTD.

Add: Binjiang Mechanical Equipment Industrial Base,
Xiamei Town, Nan'an Quanzhou City, Fujian, China.

Tel : +86-595-86789998/18859963776

Fax : +86-595-86786132

E-mail : sanlian@sl-machine.com

Web: www.sl-machine.com

P.C : 362302

Block Making Machine Wall Panel Machine Batching Plant

- ★ **Block Making Machine:** PC imitation stone brick, permeable brick, solid brick, hollow brick, water conservancy brick, paving stone, etc.
- ★ **Wall Panel Machine:** Prefabricated EPS insulated wall panels
- ★ **Batching Plant:** Concrete, ready mix, etc.



ABOUT US

1. Development Path:

*Establishment: Quanzhou City Sanlian Machinery Manufacture Co., Ltd. was founded in 1993 by Chairman Fu Junyuan.

*Years of Experience: More than 30 years of experience in the concrete equipment industry.

*Plant Area: With 3 large factories, 50,000m² of standard factory buildings.

*Main Products: Block making machine, wall panel machine, batching plant

*International Sales: Products are sold well across six continents.

*Customer Base: As of July 2024, the cumulative number of active users has exceeded 10,000.

2. Go to The World:

*Certifications and Standards: ISO9001, 14001, OHSAS18001, CE certification, UL certification, etc.

*International Branches (offices) : Ukraine, Vietnam, Russia, Brazil, India, Australia, North America and North Africa

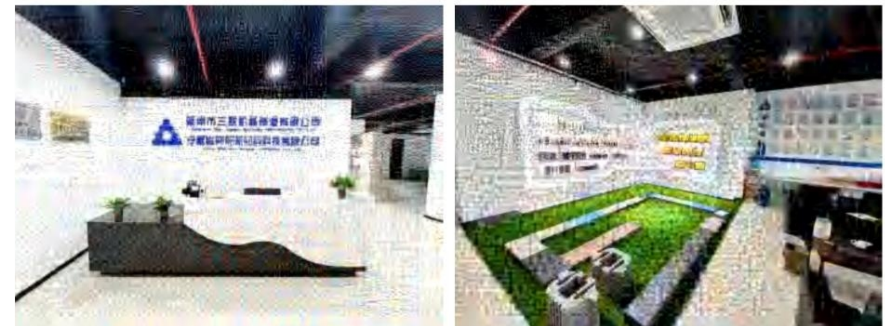
3. Leading in China:

*Honors and Certifications: National High-tech Enterprise, Little Giant of Science and Technology Enterprise, Specialized and Special New Enterprise, Provincial First Set of Major Technical Equipment Certification, Provincial Intelligent Manufacturing Key Project Enterprise, Provincial Science and Technology and Innovative Enterprise, etc.

*Domestic Branches in Shandong, Anhui, and Jiangsu, with offices in various provinces of China.



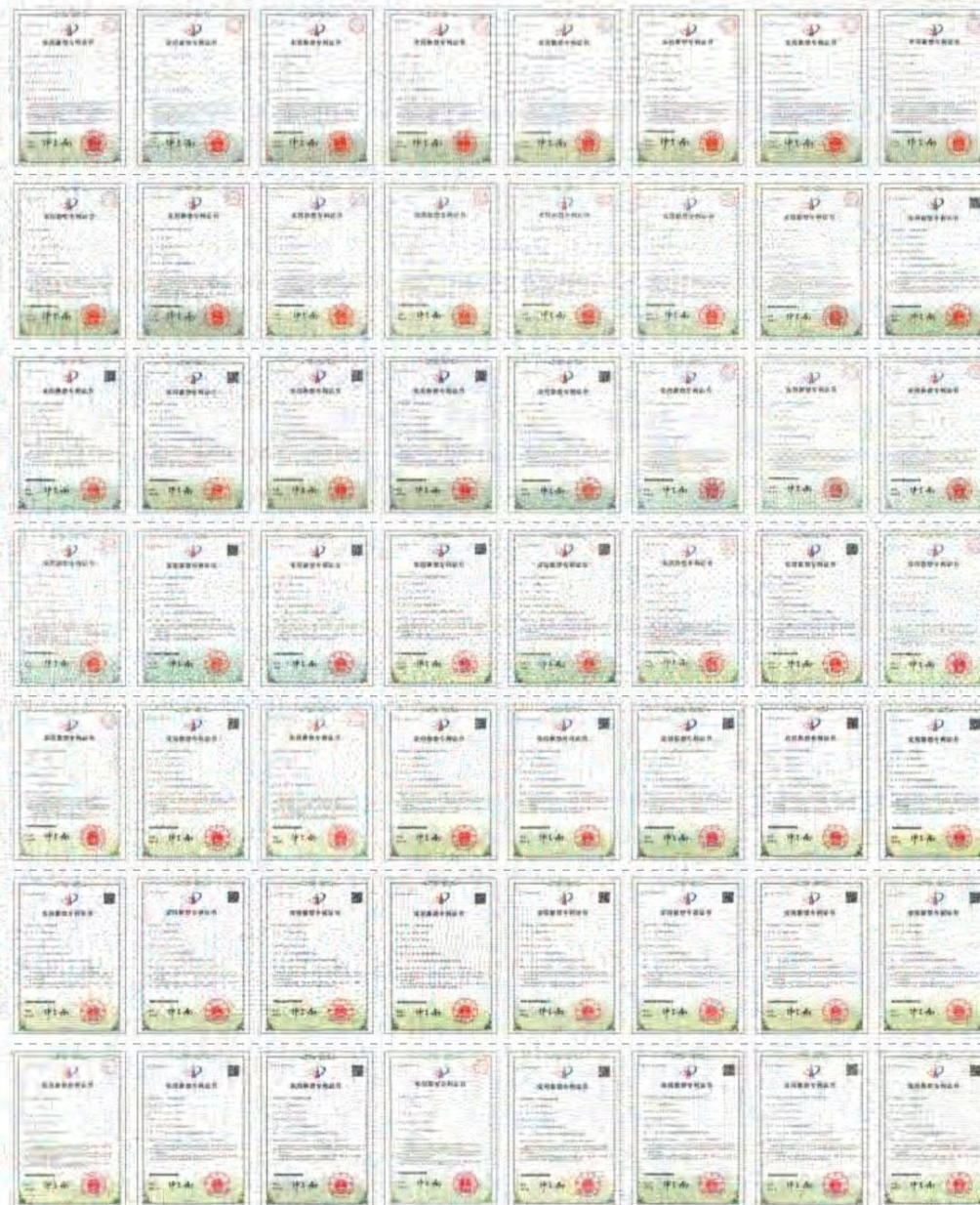
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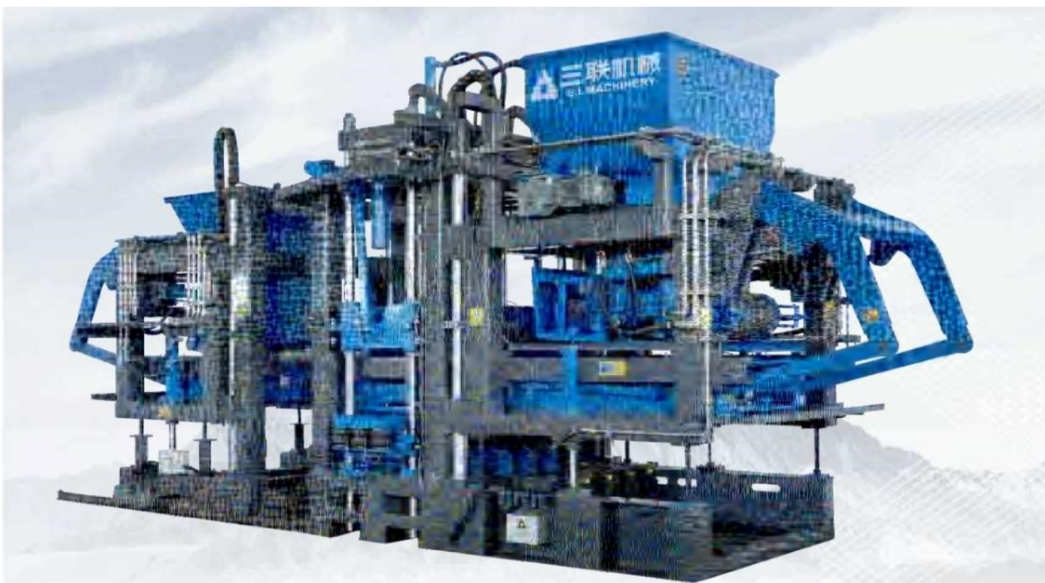


Patents Collection



Total Patents: 300+
 Invention Patents: 20+
 Computer Software Copyrights: 4+





SLST Series Servo Block Machine

- The fully automatic servo wall and floor block production line can produce various concrete products such as curbstones, hollow bricks, PC bricks, solid bricks, and water conservancy slope protection bricks.
- Using servo vibration and servo hydraulic technology to improve efficiency and quality, meet the diversified needs of production and reduce costs.
- Taking advantage of servo control, it can be equipped with functional modules such as side shifting, core pulling, and quick mould change, combined with the EPS board conveying system to meet the production needs of customers to the maximum extent.

Technical Parameters

Model	SLST2000	SLST1500	SLST1400	SLST1300	SLST1000
Pallet Size(mm)	1400x1350	1400x1200	1400x950	1400x750	1220x900
Max. Molding Area(mm)	1310x1300	1310x1150	1310x900	1310x700	1100x860
Min. Product Height(mm)	45	45	45	45	45
Max. Product Height(mm)	500	500	500	500	500
Cycle Time(s)	Solid Brick- 12-15 Paver- 12-25	Solid Brick- 12-15 Paver- 12-25	Solid Brick- 12-15 Paver- 12-25	Solid Brick- 12-15 Paver- 12-25	Solid Brick- 12-15 Paver- 12-25

If the required pallet size or product heights are not listed here, we are happy to make special plans for you.

Production Table

Model	Brick Size	Production(Per mould)	Production(8h one shift)
SLST2000	Hollow Brick 390x190x190mm	18	≈34,500 pcs / 480m ³
	Solid Brick 240x115x53mm	105	≈252,000 pcs / 368m ³
	Paver 200x100x60mm	66	≈95,000 pcs / 1900m ³
SLST1500	Hollow Brick 390x190x190mm	15	≈28,000 pcs / 394m ³
	Solid Brick 240x115x53mm	94	≈225,600 pcs / 330m ³
	Paver 200x100x60/80mm	60	≈86,000 pcs / 1700m ³
SLST1400	Hollow Brick 390x190x190mm	12	≈22,400 pcs / 315m ³
	Solid Brick 240x115x53mm	73	≈175,200 pcs / 256m ³
	Paver 200x100x60/80mm	48	≈68,800 pcs / 1350m ³
SLST1300	Hollow Brick 390x190x190mm	9	≈17,200 pcs / 240m ³
	Solid Brick 240x115x53mm	55	≈132,000 pcs / 193m ³
	Paver 200x100x60mm	36	≈51,800 pcs / 1030m ³
SLST1000	Hollow Brick 390x190x190mm	10	≈18,600 pcs / 262m ³
	Solid Brick 240x115x53mm	62	≈148,000 pcs / 216m ³
	Paver 200x100x60/80mm	40	≈57,300 pcs / 1130m ³

Difference between different raw material and ratio
If a cuber is required, the capacity may be affected



Servo Vibration System:

Adjust the phase angle, vibration start, vibration elimination, amplitude, frequency and vibration direction.



Servo Control System:

Fast response, good vibration effect, low energy consumption, fast vibration speed and short time



High-efficiency Servo Hydraulic System:

Energy saving, low noise, low heat generation, good flexibility and high efficiency



Quick Mould Change Device:

Automatic mould changing system, saving time



Mould Frame Damping Airbag:

Intelligent shock adjustment, vibration reduction and noise reduction



Mould Head and Material Feed Cart Displacement Device:

Precisely controls the position of the mould head and the material feed cart, and ensures smooth and gentle operation of the mould head and the material feed cart, without any jerkiness.



Q(F)T-A Automatic Block Machine

Technical Parameters

Model	Q(F)T10	Q(F)T8	Q(F)T7	Q(F)T6	Q(F)T4
Pallet Size(mm)	1220x900	970x880	1150x750	880x680	880x500
Max. Molding Area(mm)	1100x860	920x830	1090x700	830x640	830x460
Min. Product Height(mm)	50	50	50	50	50
Max. Product Height(mm)	300	200	300	200	200
Cycle Time(s)	Solid Brick 15-18 Paver 20-25	Solid Brick 15-18 Paver 20-25	Solid Brick 15-18 Paver 20-25	Solid Brick 15-18 Paver 20-25	Solid Brick 15-18 Paver 20-25

If the required pallet size or product heights are not listed here, we are happy to make special plans for you.

Production Table

Model	Brick Size	Production(Per mould)	Production(8h one shift)
Q(F)T10	Hollow Brick / 390x190x190mm	10	≈ 14,400 pcs / 202m ³
	Solid Brick / 240x115x53mm	62	≈ 100,000 pcs / 135m ³
	Paver / 200x100x60/80mm	40	≈ 52,000 pcs / 1000m ²
Q(F)T8	Hollow Brick / 390x190x190mm	8	≈ 11,500 pcs / 160m ³
	Solid Brick / 240x115x53mm	48	≈ 80,000 pcs / 117m ³
	Paver / 200x100x60/80mm	32	≈ 44,000 pcs / 880m ²
Q(F)T7	Hollow Brick / 390x190x190mm	7	≈ 10,080 pcs / 140m ³
	Solid Brick / 240x115x53mm	46	≈ 77,000 pcs / 147m ³
	Paver / 200x100x60mm	30	≈ 40,000 pcs / 800m ²
Q(F)T6	Hollow Brick / 390x190x190mm	6	≈ 8,640 pcs / 120m ³
	Solid Brick / 240x115x53mm	32	≈ 53,700 pcs / 73m ³
	Paver / 200x100x60/80mm	21	≈ 29,000 pcs / 577m ²
Q(F)T4	Hollow Brick / 390x190x190mm	4	≈ 5,760 pcs / 80m ³
	Solid Brick / 240x115x53mm	21	≈ 35,000 pcs / 48m ³
	Paver / 200x100x60/80mm	14	≈ 20,100 pcs / 400m ²

Difference between different raw material and ratio

SLST1500 - 500T
SLST1500 - 1500T
SLST2000 - 500T
SLST2000 - 1500T



Fully Automatic Servo Vibration and Pressing Integrated Machine

- Fully automatic servo vibration and pressing integrated machine, with a maximum tonnage of 1500t, is specially designed for handling solid waste and construction waste.
- High-tonnage oil cylinder, integrally cast, stable and reliable.
- Ensure product density, compressive strength, flexural strength, permeability coefficient, frost

Unconventional Raw Materials



01

Technical Parameters

Model	SLST1500-500T	SLST1500-1500T	SLST2000-500T	SLST2000-1500T
Pallet Size(mm)	1400*1200		1400*1350	
Max.Molding Area(mm)	1310*1150		1310*1300	
Product Height(mm)	45-500		45-500	
Production Mode	Vibration and compression	Vibration and compression/ Pure vibration/ Pure hydraulic pressure	Vibration and compression	Vibration and compression/ Pure vibration/ Pure hydraulic pressure
Servo Drive Shaft	4		8	
Main Oil Cylinder Tonnage/ T	500	1500	500	1500
Excitation Force/KN	400		470	

If the required pallet size or product heights are not listed here, we are happy to make special plans for you

Production Table

Model	Brick Size	Production(Per mould)	Production(8h one shift)
SLST1500-500T SLST1500-1500T	Hollow Brick 390x190x190mm	15	≈ 28,000 pcs / 394m ³
	Solid Brick 240x115x53mm	94	≈ 225,600 pcs / 330m ³
	Paver 200x100x60mm	60	≈ 86,400 pcs / 1700m ³
SLST2000-500T SLST2000-1500T	Hollow Brick 390x190x190mm	18	≈ 34,000 pcs / 480m ³
	Solid Brick 240x115x53mm	105	≈ 252,000 pcs / 368m ³
	Paver 200x100x60mm	72	≈ 103,000 pcs / 2000m ³

Difference between different raw material and ration; Different production modes have different production capacities.
If a cuber is required, the capacity may be affected

Upper Press Mould Head 02



Technical Parameters of 1500T
Nominal Pressure: 15000KN
Main Cylinder Diameter: 750mm
Unit Pressure: 20Mpa
Maximum Operating Pressure: 28Mpa
Cycle Time: 15-20S

Technical Parameters of 500T
Nominal Pressure: 5000KN
Main Cylinder Diameter: 450mm
Unit Pressure: 16Mpa
Cycle Time: 15-20S

*Combination of wet and dry processes, multiple modes optional, simulating dual pressure mode/single pressure vibration mode/pure vibration mode.

*Ensure that the combination of the product's surface layer and base layer is more secure, with higher surface layer strength, thereby improving product quality.

*It adopts casting technology and is formed in one piece to ensure stability, reliability and durability during high-

Side Shift Device 03

*When producing curbstones, the mould is equipped with a side-shift device for mold opening and closing, which meets the special molding requirements for adding a surface layer on the horizontal and vertical faces of the product.
*Ensure the horizontal and vertical surfaces of the curbstone are smooth to improve quality and appearance.



Upper Mould Heating System 04

*Ensure that the upper mould works at a constant temperature of 40°C to reduce sticking phenomenon.
*Moisture addition and anti-adhesion to enhance the strength of the product surface layer.



Large Hydraulic Ecological Wall Production Line



- The SLST2400 and SLST3000 models are designed for producing extra-large hydraulic bricks and retaining walls.
- By changing the moulds as needed, a variety of products can be produced efficiently.

Functional Advantages

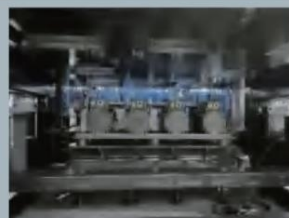
Extra Large Forming Area:
The maximum forming area supported is 1900x1320x800mm.

01



High-end Servo Eight-axis Dual-vibration System:
PLC software controls drive synchronization, ecological wall products are instantly exhausted and vibrated into shape.

02



Technical Parameters

Model	SLST2400	SLST3000
Pallet Size(mm)	1580*1380mm	2000*1400mm
Max.Molding Area(mm)	1500*1300	1900*1320
Product Height(mm)	45-600	45-800
Production Mode	Pure vibration	
Servo Drive Shaft	8	
Main Oil Cylinder Tonnage/T	28	
Excitation Force/KN	550	770

Production Table

Brick Size	Brick Size	Production(Per mould)	Production(8h one shift)
SLST2400	Hollow Brick 390x190x190mm	21	≈40,000pcs/560m³
	Solid Brick 240x115x53mm	120	≈288,000pcs/420m³
	Paver 200x100 x 60mm	77	≈110,000pcs/2200m²
SLST3000	Hollow Brick 390x190x190mm	24	≈46,000pcs/640m³
	Solid Brick 240x115x53mm	147	≈352,000pcs/510m³
	Paver 200x100 x 60mm	99	≈142,000pcs/2840m²

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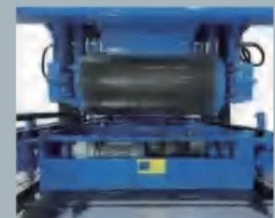
Vibration Table Suspension System:
evenly distribute the vibration excitation force to avoid transmission to the machine body.

03



Front and Rear Dual Design on Material Charging for Precise and Fast Unloading

04





Servo Vibration System

■ System Components:

- Servo controller
- Multiple servo drivers and motors (scalable to needs)

■ Vibration Table:

- Comprises a vibration box and table

■ Operation:

- System activates at low frequency before pressing.
- Higher frequency vibration during pressing for uniform compaction.

■ Phase Angle Vibration and Elimination:

- Pre-accelerates to set speed, then phase changes initiate vibration.
- Saves over 1.5 seconds per cycle compared to conventional motors.
- Enhances quality and special brick shaping.

■ Adjustability:

- Amplitude and frequency easily adjusted for versatile production needs.
- Improves product density and special brick production.

■ Benefits Over Traditional Controls:

- Faster operation: Acceleration under 1 second, elimination under 0.3 seconds.
- Energy-efficient: Individual motor control prevents energy loss.
- Superior vibration effect: Full closed-loop control ensures stability.
- Low maintenance: Independent motor units simplify service.

■ Key Points:

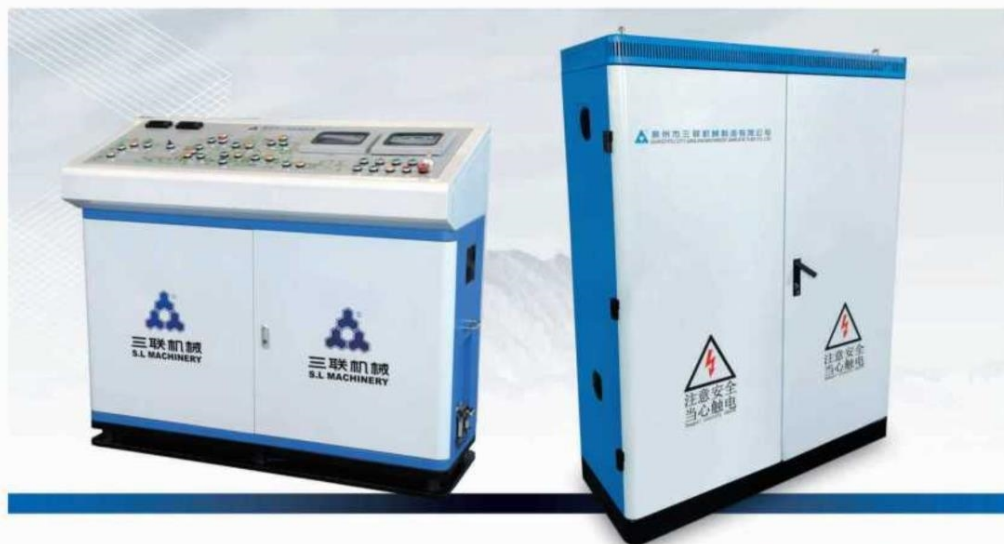
- Efficient and adjustable for high-quality brick production.
- Energy-saving with individual servo motor control.
- Easy maintenance due to separate motor units.



Servo Hydraulic Station

■ Advantages of hydraulic system:

1. Energy saving: Compared with ordinary hydraulic system, the servo hydraulic system can save more than 30% of energy.
2. Low noise: When the servo hydraulic system presses and returns, the motor operates at the rated speed, and its emission noise is 10dB ~ 20dB lower than that of the traditional hydraulic system.
3. Less heat: Because the servo hydraulic system has no overflow heat and no flow when the action is static, there is no hydraulic resistance heat. The heat generated by the hydraulic system is generally 10% ~ 30% of that of the traditional hydraulic press.
4. Good flexibility and high precision: the pressure, speed and position of the servo hydraulic system are fully closed-loop digital control, with high degree of automation and good precision.
5. High efficiency: Through proper acceleration and deceleration control and energy optimization, the speed of the servo hydraulic system can be greatly improved, and the working beat is 10-20% higher than that of the traditional hydraulic system.



PLC Controller System

- Advanced Germany automation control technology and intelligent interactive visualization system operation, realize man-machine conversation;
- Realize automatic control of production line whole and independent control of each system;
- System program is provided with linkage, interlock status display through the computer implementation, failure diagnosis and data input;
- Electrical accessories mainly adopt international famous brand, such as Siemens, SEW, Schneider, Toledo, Festo, Omron, etc. More stable performance.

SIEMENS
Ingenuity for life

INOVANCE

Danfoss

METTLER TOLEDO

**SEW
EURODRIVE**

**Rexroth
力士乐**

FESTO

OMRON

SICOMA



Batching Machine

With the standard of measurement permission, fast and slow batching measurement can be realized, equipped with vibration device, to ensure smooth blanking. According to different aggregate and the gradation of different production products, and the pre-set aggregate mix ratio, it adopts the automatic weighing of high-precision three-point induction sensor.

Main Technical Parameters

Type	PL400	PL1600-2	PL1600-3	PL1600-4
Volume of Storage Hopper(m³)	7m³x1	7m³x2	7m³x3	7m³x4
Volume of Weighing Hopper(m³)	0.6	1.6	1.6	1.6
Productivity (m³/h)	25	80	80	80
Maximum Weighing Value	0.5T	2T	3T	4T
Batching Category of Aggregate	1	2	3	4
Height of Loading (mm)	2950	2950	2950	2950
Batcing & Unloading Method	Horizontal belt conveyer			
Power(kw)	2.2	7.5	7.5	11
Net Weight(T)	2.3	4	5.4	7.3
Frame Dimension (mm)	3755x2387x3196	5470x2387x3196	8510x2387x3196	11240x2387x3196

Twin Shaft Compulsory Concrete Mixer

- **Features:** Fast mixing speed;
- **Application:** It is more suitable for mixing medium & large aggregate particle size.



Main Technical Parameters

Type	LJB350	JS500	JS750	JS1000
Charging Volume(L)	560	800	1200	1500
Discharging Volume(L)	350	500	750	1000
Productivity(m ³ /h)	≥17.5	≥25	≥37.5	≥50
Max.Grain Diameter of Aggregate (mm)	60	60	60	60
Speed of Mixing Blade(r/min)	35	35	32.6	32.6
Mixing Blade(PCS)	3	14	14	16
Model of Mixing Motor	Y132m-4	Y180m-4	Y200L-4	Y180L-4
Power of Mixing Motor(kw)	7.5	18.5	30	22
Model of Hoist	JS350	JS500	JS750	JS1000
Power of Hoist(kw)	4.5	5.5	7.5	11
Height of Unloading Material(mm)	1200	1500	1600	2080
Model of Water Pump Motor	25ZB27-0.75	65JDB-30	65JDB-30	KQW65-100
Power of Water Pump(kw)	75D	1.1KW	1.1KW	1.5KW
Frame Dimension in Working Condition(mm)	3618X1222X3453	4461X3050X5225	4950X3636X6530	7922X3510X6064
Transport State Frame Dimension(mm)	1721X1222X2450	3050X2300X2500	4150X3636X2500	4200X3110X2780
Net Weight(T)	2	4	6.8	9

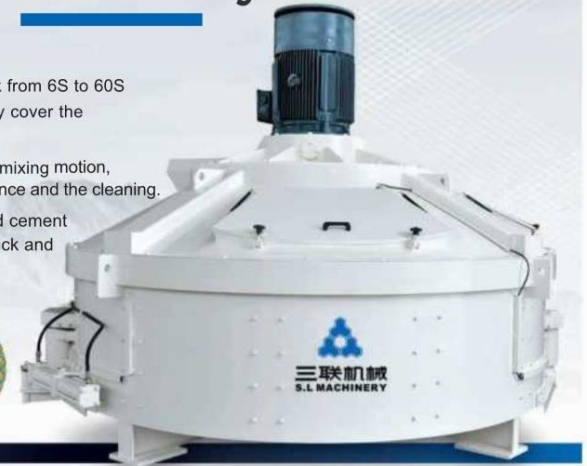
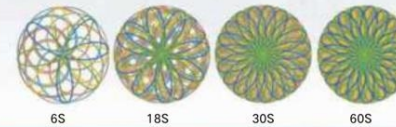
Vertical Shaft Planetary Mixer

■ Mixing Running Track Diagram:

The following figure shows the mixing motion track from 6S to 60S after feeding. Every four turns (6S) can completely cover the bottom plate of the mixer without any dead area.

■ **Features:** Complicated mixing motion track, strong mixing motion, uniform mixing, high efficiency, convenient maintenance and the cleaning.

■ **Application:** It is especially suitable for high-end cement products such as sponge permeable ecological brick and PC imitation stone landscape brick on the market.



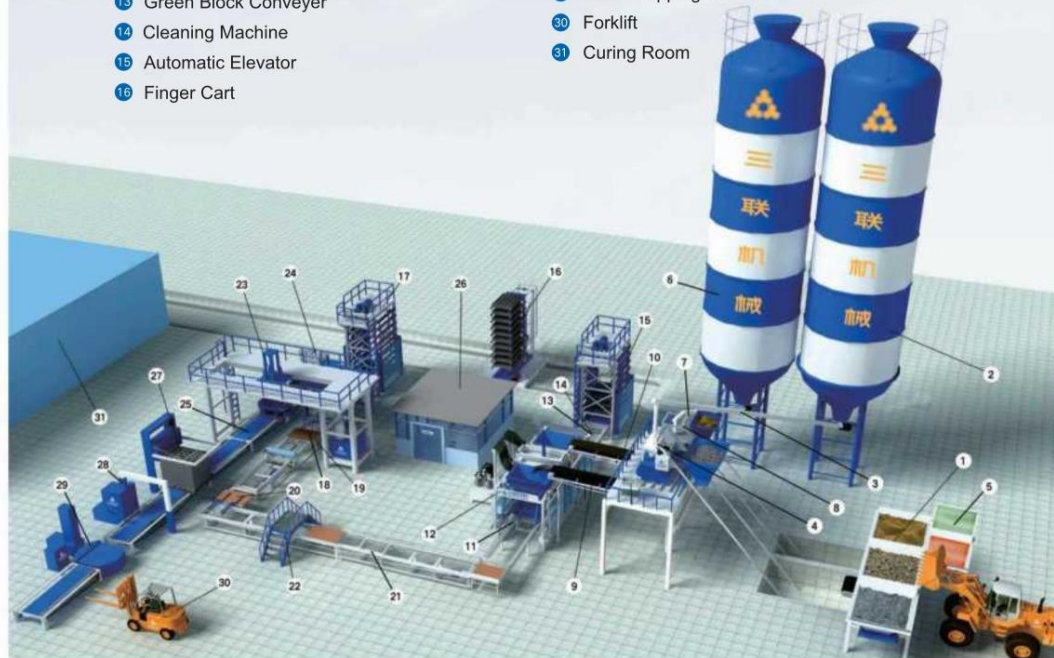
Technical Parameters

Item	MPC	50	100	150	250	330	500	750	1000	1250	1500	2000	2500	3000
Filling Volume	L	75	150	225	375	500	750	1125	1500	1875	2250	3000	3750	4500
Filling Capacity	Kg	120	240	360	600	790	1200	1800	2400	3000	3600	4800	6000	7200
Output Volume	L	50	100	150	250	330	500	750	1000	1250	1500	2000	2500	3000
Mixing Power	Kw	4	5.5	7.5	11	15	18.5	30	37	45	55	75	90	110
Planetary Mixing Blade	Qty	1*2	1*2	1*2	1*2	1*2	1*2	1*3	2*2	2*2	2*2	3*2	3*3	3*3
Side Scraper/Discharge Scraper	Qty	1/-	1/-	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/1	1/2	1/2	1/2
Discharging Power	Kw	Pneumatic Discharging								3	3	3	4	4
Mixing Hopper Diameter	mm	750	1000	1300	1300	1600	1900	2200	2500	2800	2800	3100	3400	3400
Weight	Kg	500	850	1300	1500	2200	2500	3500	5500	6000	6500	8500	10500	11000

Note: As we continue to improve and improve the performance of our equipment, the parameters are subject to the actual equipment.

Block Machine Fully Automatic Production Line

- | | |
|--|-------------------------------|
| 1 Base Material Batching Machine | 17 Automatic Lowerator |
| 2 Base Material Silo | 18 Dry Product Conveyor |
| 3 Base Material Screw Conveyor | 19 Pallet Separator |
| 4 Base Material Mixer(With Electronic Scale) | 20 Pallet Turnover Machine |
| 5 Pigment Batching Machine | 21 Pallet Return Device |
| 6 Pigment Silo | 22 Industry Overpass |
| 7 Pigment Screw Conveyor | 23 Cuber |
| 8 Pigment Mixer(With Electronic Scale) | 24 Tray Bin |
| 9 Basemix Belt Conveyor | 25 Stacked Product Conveyor |
| 10 Facemix Belt Conveyor | 26 PLC Controller |
| 11 Pallet Feeder | 27 Horizontal Packing Machine |
| 12 Block Making Machine | 28 Vertical Packing Machine |
| 13 Green Block Conveyor | 29 Film Wrapping Machine |
| 14 Cleaning Machine | 30 Forklift |
| 15 Automatic Elevator | 31 Curing Room |
| 16 Finger Cart | |



Handling System

Finger Cart System

Finger Cart System

Composed of servo finger cart and elevator & lowerator, the finger cart can be rotated according to site requirements, with a range of 10-22 layers. The automatic track positioning device and automatic wire collection device are equipped with servo control, ensuring smooth and precise positioning of high and low positions, safe and reliable operation.



Rack System

Rack System

The rack curing mode adopts a single-layer new energy transport vehicle, an upper pallet unloading machine, and a hanger machine that interconnect and cooperate to form a closed-loop automatic production line. After the product is demolded, the wet product is placed on the curing rack, which maximizes the protection of the surface of the colored pavement bricks and the structure of the hollow bricks, ensuring optimal curing.

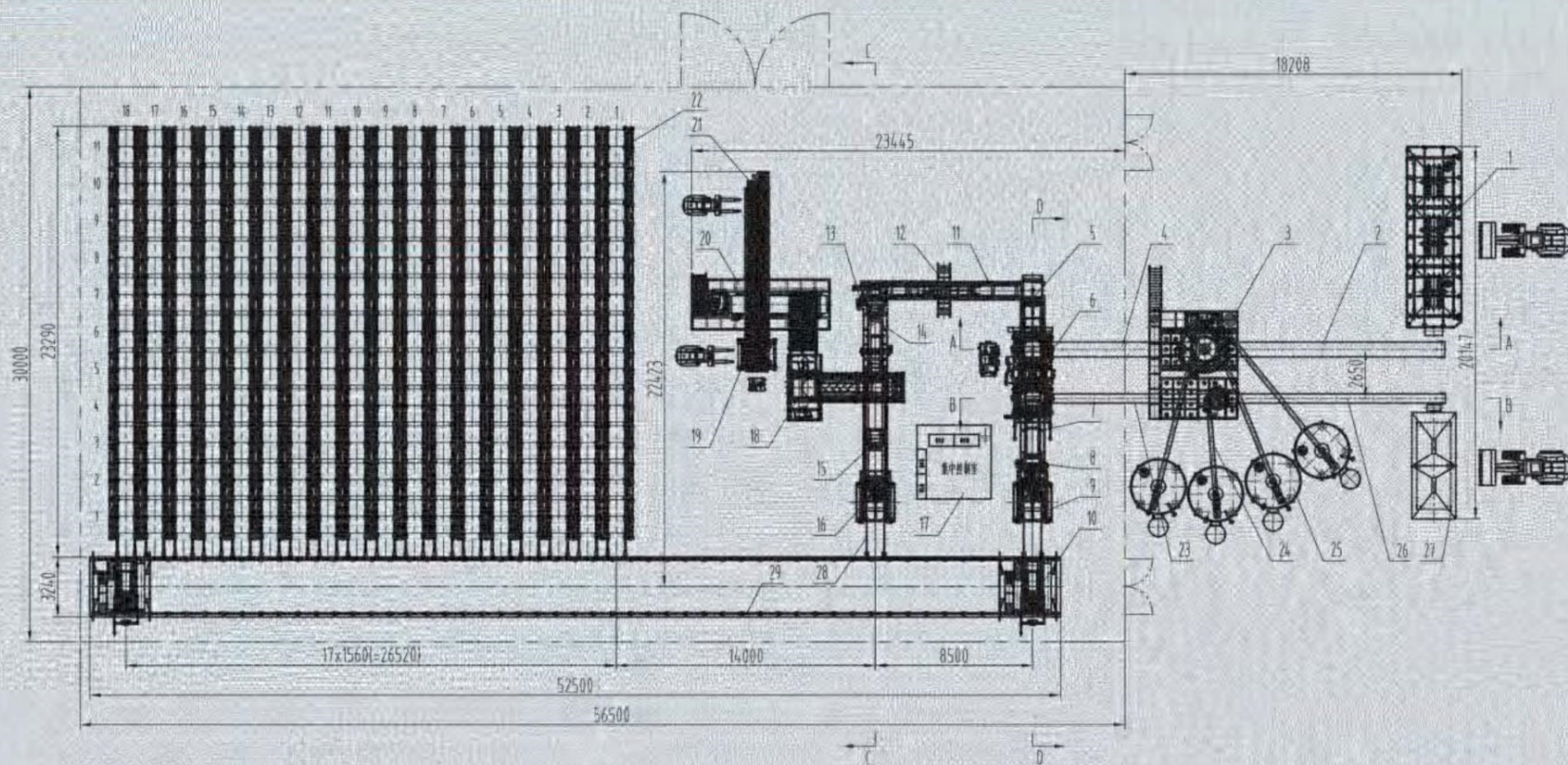


Ferrying Cart System

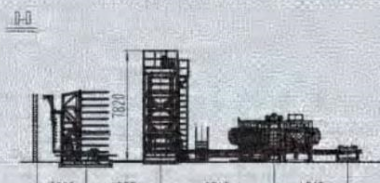
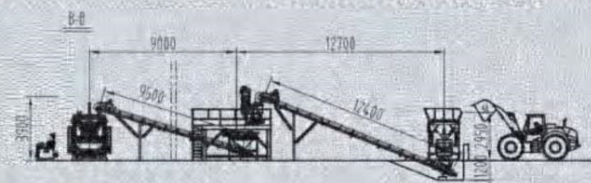
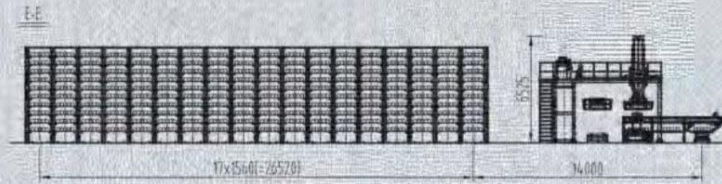
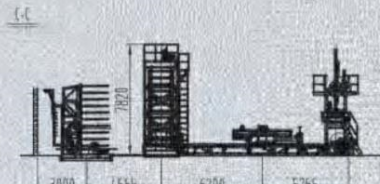
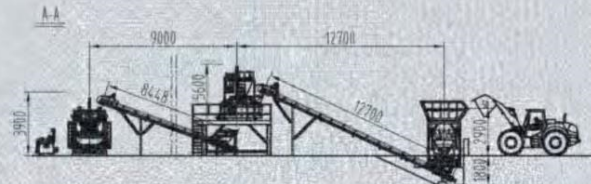
Ferrying Cart System

It is seamlessly connected with the simple production line, automated production machinery for the entire process of molding, curing, and packing blocks, realize intelligent block making. The primary ferry cart adopts servo drive positioning, and the transport trolley enters and exits the curing room for curing, and cubing. This solves the labor and fuel consumption problems of forklift transportation in simple production lines.





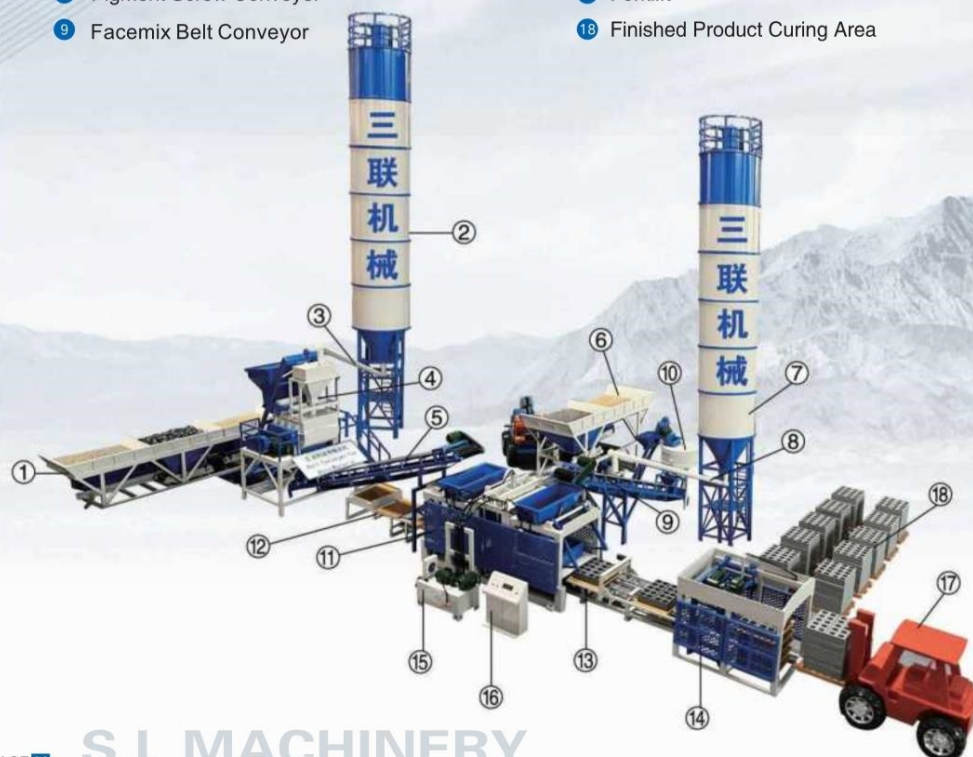
S/N	Name
1	PL1600Batcher
2	Screw Conveyor
3	1000+350 Mixer
4	Basemix Belt Conveyor
5	Pallet Feeder
6	Block Making Machine
7	Green Block Conveyor
8	Pallet Cleaning Machine
9	Elevator
10	Finger Cart
11	Pallet Pushing Machine
12	Industry Overpass
13	Pallet Turnover
14	Pallet Separator
15	Lower Pallet Conveyor
16	Lowerator
17	Computer Control Room
18	High Position Stacker
19	Tray Bin
20	Cuber
21	Stacked Product Conveyor
22	Curing Room
23	Facemix Belt Conveyor
24	Screw Conveyor
25	60T Cement Silo
26	Screw Conveyor
27	PL1800Batcher
28	12kg/m Rail
29	24kg/m Rail



Block Machine Fully Automatic Production Line

Economic Production Line with Independent Cubing System

- | | |
|--|--|
| ① Base Material Batching Machine | ⑩ Pigment Mixer(With Electronic Scale) |
| ② Base Material Silo | ⑪ Block Making Machine |
| ③ Base Material Screw Conveyor | ⑫ Pallet Feeder |
| ④ Base Material Mixer(With Electronic Scale) | ⑬ Green Block Conveyor |
| ⑤ Basemix Belt Conveyor | ⑭ Stacker |
| ⑥ Pigment Batching Machine | ⑮ Hydraulic System |
| ⑦ Pigment Silo | ⑯ PLC Controller System |
| ⑧ Pigment Screw Conveyor | ⑰ Forklift |
| ⑨ Facemix Belt Conveyor | ⑱ Finished Product Curing Area |



Independent Cubing System

■ Cubing System:

*It is the process of arranging and palletizing cured dry products.

■ Types of Cubing:

*High position independent cubing uses a clamping method.

*Low position independent cubing uses a pushing method.

■ Supports Online and Offline Cubing Modes:

*Supports online cubing, where the pallet returns to the automatic pallet onloader through the automatic return device.

*Also supports offline cubing, where the pallet stack is returned to the main machine part by forklift transfer.

■ Forkhole Reservable:

*Supports cubing with reserved forklift holes(wooden pallet free).

*Also supports cubing using wooden pallets from the tray bin.

■ Adjustable Wooden Pallet Size:

*Maximum stacking size is 1200*1200mm, adjustable to meet customer needs.

■ Broad Compatibility:

*Usable with various brands and models.

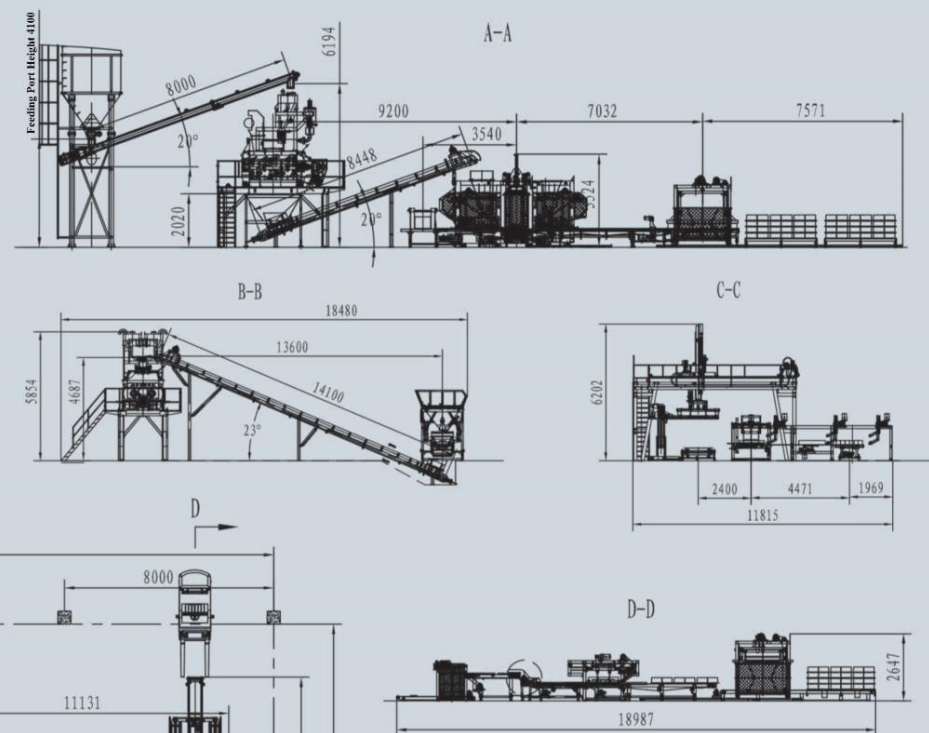
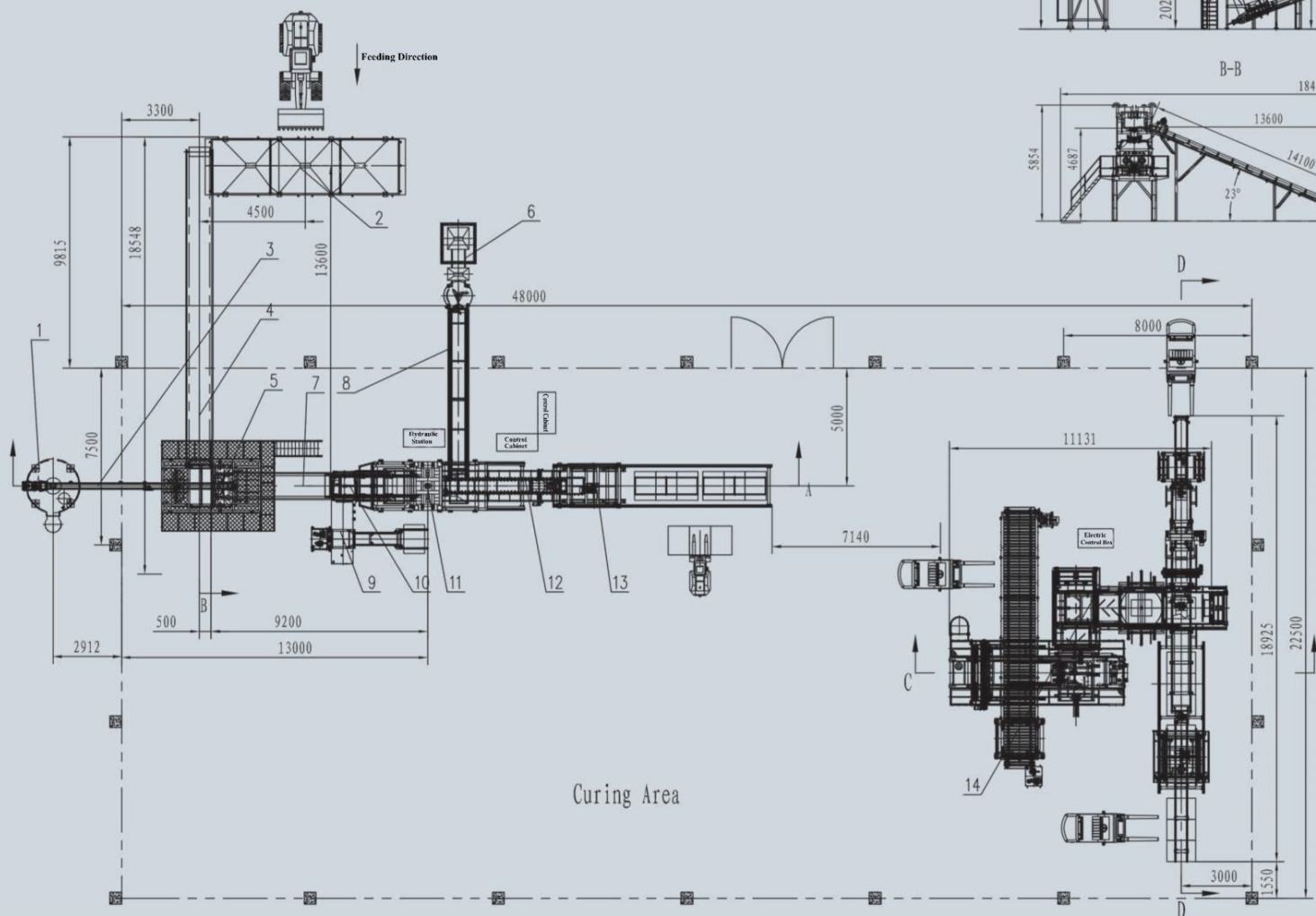
High Position Independent Cubing (Gantry Type Palletizing System)



Low Position Independent Cubing (Plate Drawout Type)



Block Machine Economic Production Line(With Independent Cuber)



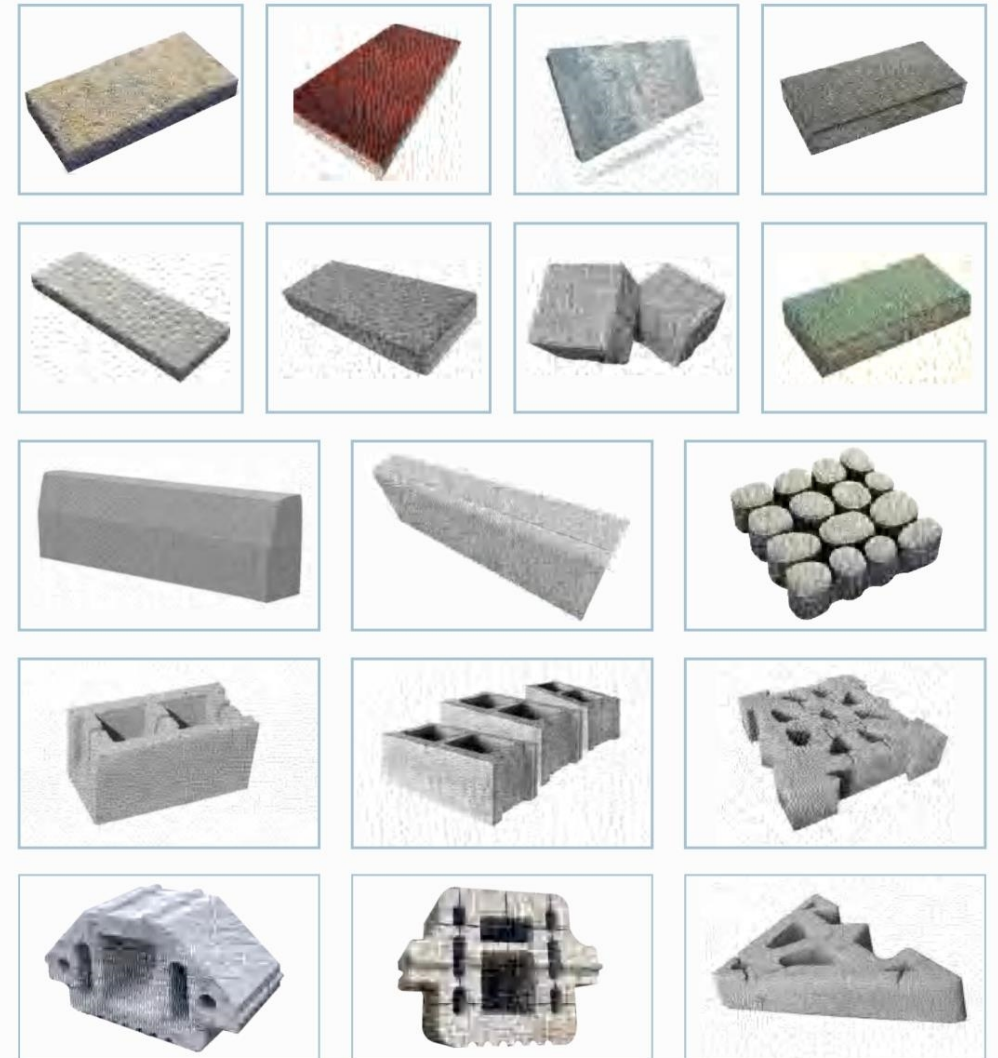
S/N	Name	NO.
1	Silo	1
2	Batcher	1
3	Screw Conveyor	1
4	Conveyer For raw Material	1
5	Mixer For Base Material	1
6	Mixer For Pigment	1
7	Basemix Belt Conveyor	1
8	Facemix Belt Conveyor	1
9	Auto Pallet Onloader	1
10	Pallet Feeder	1
11	Block Machine	1
12	Green Block Conveyor	1
13	Stacker	1
14	Off-line Cuber	1

Brick Mould

- **Moulds for all brands, models, and equipment.**
- **Special Metals:** Made of different alloys in different locations.
- **Service Life:** 60,000-100,000 times, depending on the wear of different materials
Customized brick mould for clients.
- **Quick Delivery:** 30 days(Special mould, delivery time to be discussed).
- **Customized brick mould for clients.**



Brick Samples

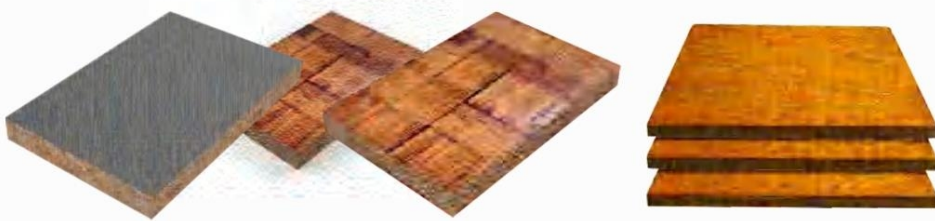


Pallet

Bamboo Plywood

***Types:** steam-cured and non-steam-cured

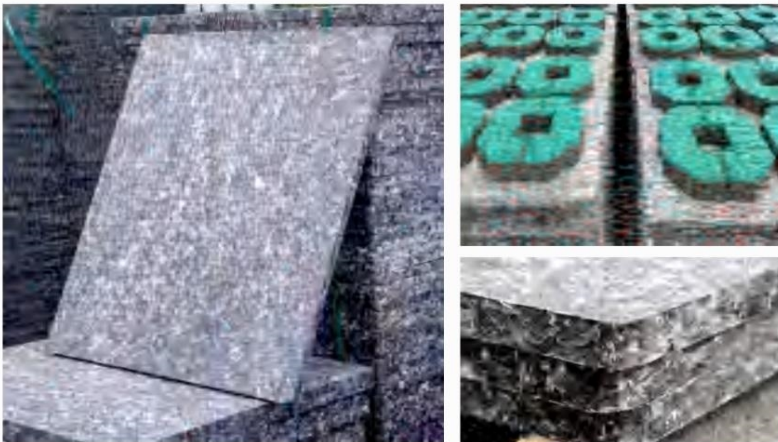
***Features:** wear resistance, high density, high strength, never delamination, adhesive strength can reach up to 3.5Mpa, the surface can be sanded, uniform thickness, and it can also be upgraded to high-temperature steam-cured pallets.



GMT Fiberglass Pallet

***Types:** steam-cured and non-steam-cured

***Features:** light weight, high strength, corrosion resistance, high temperature resistance, and environmental protection.



Pallet

PVC Unburned Brick Pallet

***Types:** non-steamed

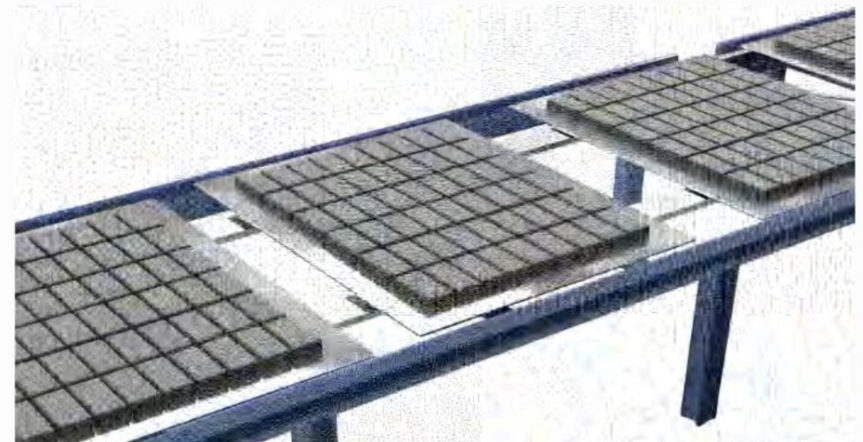
***Features:** high hardness, heat insulation, thermal insulation, moisture-proof, flame retardant, acid and alkali resistance, and corrosion resistance.



Steel Pallet(corrosion-resistant steel)

***Types:** steam-cured and non-steam-cured
















***Features:** strong, wear-resistant, high-temperature resistant, corrosion-resistant, strong in load-bearing and pressure-resistant capacity, and recyclable.






Capacity of Different Model Block Machine

Type			Q(F)T 4-15	Q(F)T 6-15	Q(F)T 7-15	Q(F)T 8XL-15	SLST 1000	SLST 1300	SLST 1400	SLST 1500	SLST 2000	SLST 2400
Pallet Dimension(mm)			880x500	880x680	1150x750	970x880	1220x900	1400x750	1400x950	1400x1200	1400x1400	1580x1380
Hollow Block												
Sample	Item No.	Block Dimension(mm)	Q(F)T 4-15	Q(F)T 6-15	Q(F)T 7-15	Q(F)T 8XL-15	SLST 1000	SLST 1300	SLST 1400	SLST 1500	SLST 2000	SLST 2400
	SLH01	390x190x190	4	6	7	8	10	9	12	15	18	21
	SLH02	390x240x190	3	5	6	6	8	8	10	12	15	18
	SLH03	390x90x190	8	12	14	18	20	21	24	30	36	42
	SLH04	240x240x115	3	6	8	9	12	10	15	20	25	30
	SLH05	240x190x115	6	9	12	12	15	15	18	24	30	35
	SLH06	240x115x115	9	15	20	21	27	25	30	40	50	55
	SLH07	390x140x190	6	8	10	12	14	12	16	21	24	27
	SLH08	530x200x200	2	4	6	4	8	7	8	12	12	14
	SLC09	390x100x190	8	10	14	16	20	18	24	30	33	39
	SLC10	390x150x190	5	8	9	10	12	12	16	21	24	27
	SLC11	80x80x180	28	35	54	56	63	60	77	90	100	120
	SLC12	100x60x210	30	36	44	50	60	60	78	91	104	120
Solid Brick												
	SLS01	240x53x115	21	32	46	48	62	55	73	94	105	120
	SLS02	250x75x120	15	21	32	30	39	40	50	65	70	85

Note: We reserve the rights to amend the technology, specification and appearance of the products and will not be notified separately.

Color Paving Stone												
Sample	Item No.	Block Dimension(mm)	Q(F)T 4-15	Q(F)T 6-15	Q(F)T 7-15	Q(F)T 8XL-15	SLST 1000	SLST 1300	SLST 1400	SLST 1500	SLST 2000	SLST 2400
	SLC01	400x400xD	2	2	2	4	4	3	6	6	9	9
	SLC02	400x200xD	4	6	7	8	10	9	12	15	18	21
	SLC03	300x300xD	2	4	6	6	6	8	8	12	16	16
	SLC04	250x250xD	3	6	8	9	12	10	15	20	25	25
	SLC05	250x125xD	9	12	20	18	24	25	30	40	45	50
	SLC06	200x100xD	14	21	30	32	40	36	48	60	66	77
	SLC07	300x150xD	7	10	12	15	15	16	20	28	32	36
	SLC08	900x600xD	-----	-----	1	1	1	1	2	2	2	2
	SLC09	600x600xD	-----	1	1	1	1	1	2	2	4	4
	SLC10	600x300xD	1	2	3	3	3	4	4	6	8	8
	SLC11	225x112.5xD	9	15	20	21	28	25	35	45	50	60
	SLC12	200x165xD	8	12	18	16	24	24	30	36	42	48
	SLC13	125x125xD	6	6	12	12	16	15	20	27	30	35
	SLC15	250x250xD	3	6	8	9	12	10	15	20	25	25
	SLC16	φ 220xD	8	11	14	14	21	18	25	35	39	44

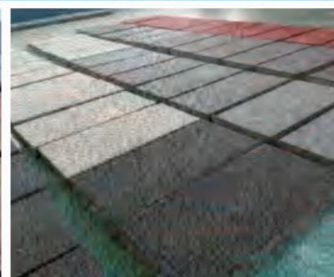
Curbstone												
Sample	Item No.	Block Dimension(mm)	Q(F)T 4-15	Q(F)T 6-15	Q(F)T 7-15	Q(F)T 8XL-15	SLST 1000	SLST 1300	SLST 1400	SLST 1500	SLST 2000	SLST 2400
	SLK01	1000x200x80	-----	-----	6	-----	8	6	8	12	12	14
	SLK02	500x305x150	1	2	4	2	8	8	10	14	14	16
	SLK03	980x300x(70+110)	-----	-----	2	-----	6	5	6	9	9	11

Note: We reserve the rights to amend the technology, specification and appearance of the products and will not be notified separately.

Brick Example



Color Paving Stone



Coloured Pavement Block



Slope Protection Brick



Real Application



Lightweight Wall Panel Machine

Double Layers Wall Panel Production Line-Horizontal Type



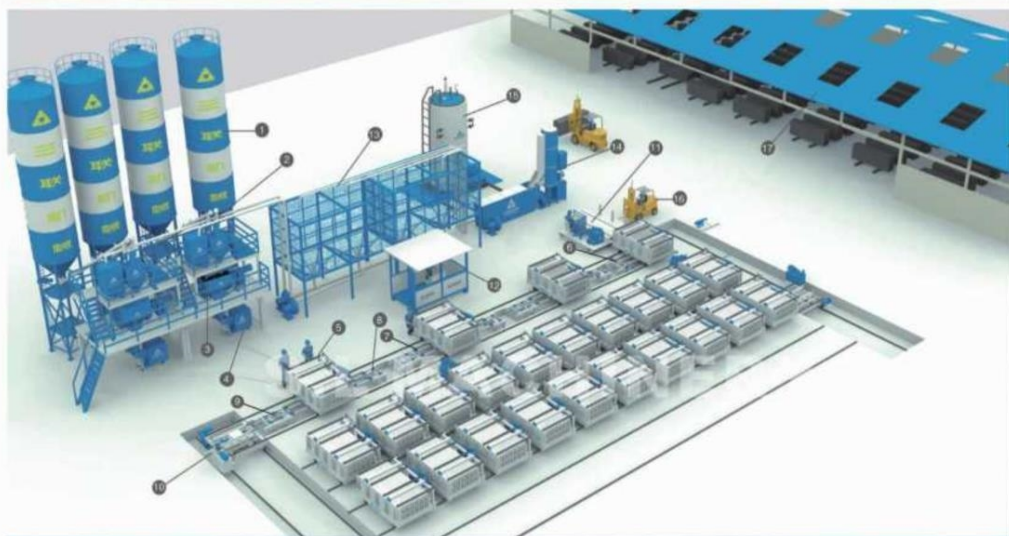
Wall Panel Production Line-Vertical Type



Wall Panel Production Line- Vertical&Horizontal Type



Lightweight Wall Panel Machine



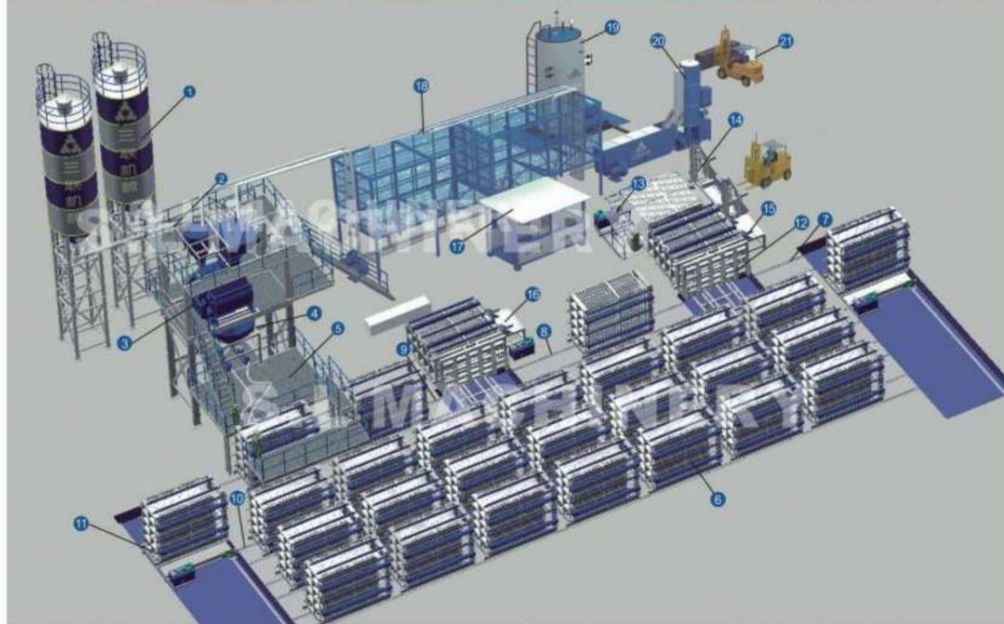
Wall Panel Production Line—Horizontal Type

- | | |
|---|----------------------------------|
| 1. Silo | 9. Transferring Pushing Cart |
| 2. Screw Conveyor | 10. Composite Ferry Cart |
| 3. Mixer(with Powder Measuring System and Steep Making Machine) | 11. Automatic Demoulding Machine |
| 4. Automatic Slurry Injection Pump | 12. PLC Controller |
| 5. Movable Molding Machine | 13. EPS Silo |
| 6. Demoulding Area Pushing Cart | 14. EPS Pre-expander |
| 7. Mould Installation Area Pushing Cart | 15. Boiler |
| 8. Slurry Injection Pushing Cart | 16. Forklift |
| | 17. Storage Yard |



Mobile Type Wall Panel Molding Machine

Lightweight Wall Panel Machine



Wall Panel Production Line-Vertical Type

- | | |
|---|------------------------------------|
| 1. Silo | 12. Vertical Overturn Cart |
| 2. Screw Conveyor | 13. Automatic Demoulding Machine |
| 3. Mixer(with Powder Measuring System and Steep Making Machine) | 14. Wall Panel Separator |
| 4. Automatic Slurry Injection Pump | 15. Demoulding Auxiliaries |
| 5. Slurry Infusing Platform | 16. Mould Installation Auxiliaries |
| 6. Vertical Type Molding Machine | 17. PLC Controller |
| 7. Demoulding Area Pushing Cart | 18. EPS Silo |
| 8. Mould Installation Area Pushing Cart | 19. Boiler |
| 9. Slurry Injection Pushing Cart | 20. EPS Pre-expander |
| 10. Transferring Pushing Cart | 21. Forklift |
| 11. Composite Ferry Cart | |

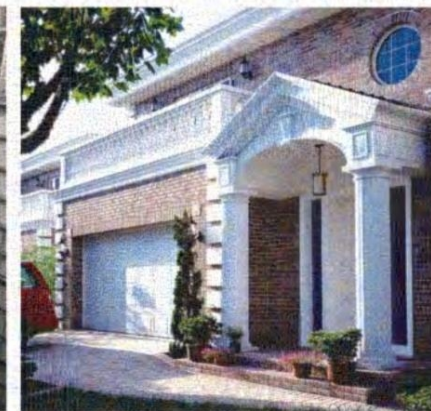
Vertical Type Wall Panel Molding Machine



Technical Parameters of Wall Panel Molding Machine

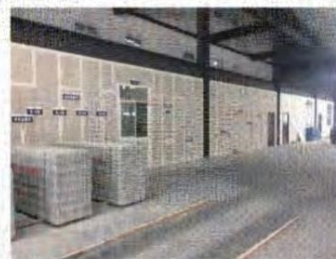
Feeding Capacity	5m ³	Output of Wall Panel With Different Thickness	75mm	46 (PCS)
Finished Wall Panel Dimension	2440X600X75		90mm	40 (PCS)
	2440X600X90		100mm	36 (PCS)
	2440X600X100		120mm	30 (PCS)
	2440X600X120		150mm	26 (PCS)
Molding Time	Two hours (High aluminium cement)	Maximum Pressure of System	≈16MPa(vertical type overturn cart)	
Mould Clearance	≤2mm			

Project Case



Performance Of Wall Panel

- * Sound proof, waterproof, fire insulation, thermal insulation, increase the usable area
- * High intensity without deformation
- * Strong joint structure of male & female channels
- * Involve less workers at site
- * Perfect integrity
- * Fast installation
- * Earthquake proof
- * One-stop services of technology, formula, installation construction technology
- * Prefabricated construction
- * Simple boximbedding, pipe and pipeline installation
- * Better anti-impact capacity
- * Easy cutting and processing, better water proofing
- * More anti-bending breaking load
- * Low thermal conductivity
- * Reduce structure cost and save construction time



Case Study



Saudi Arabia Block Machine Production Line Case



Algeria Block Machine Production Line Case



American Block Machine Production Line Case



UK Wall Panel Machine Production Line Case

Case Study



Bangladesh Block Machine Production Line Case



Indian Block Machine Production Line Case



Russian Block Machine Production Line Case



UAE Wall Panel Machine Production Line Case

