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Note:We reserve the rights to amend the technology,specification and appearance of the products without prior notice.

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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: IS09001, 14001, 0HSAS18001, 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 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.



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

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 / 480m³
	Solid Brick	240x115x53mm	105	≈252,000 pcs / 368m³
	Paver	200x100x60mm	66	≈95,000 pcs / 1900m²
SLST1500	Hollow Brick	390x190x190mm	15	≈28,000 pcs / 394m³
	Solid Brick	240x115x53mm	94	≈225,600 pcs / 330m³
	Paver	200x100x60/80mm	60	≈86,000 pcs / 1700m²
SLST1400	Hollow Brick	390x190x190mm	12	≈22,400 pcs / 315m³
	Solid Brick	240x115x53mm	73	≈175,200 pcs / 256m³
	Paver	200x100x60/80mm	48	≈68,800 pcs / 1350m²
SLST1300	Hollow Brick	390x190x190mm	9	≈17,200 pcs / 240m³
	Solid Brick	240x115x53mm	55	≈132,000 pcs / 193m³
	Paver	200x100x60mm	36	≈51,800 pcs / 1030m²
SLST1000	Hollow Brick	390x190x190mm	10	≈18,600 pcs / 262m³
	Solid Brick	240x115x53mm	62	≈148,000 pcs / 216m³
	Paver	200x100x60/80mm	40	≈57,300 pcs / 1130m²

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



Quick Mould Change Device:

Automatic mould changing system, saving time



Mould Frame Damping Airbag:

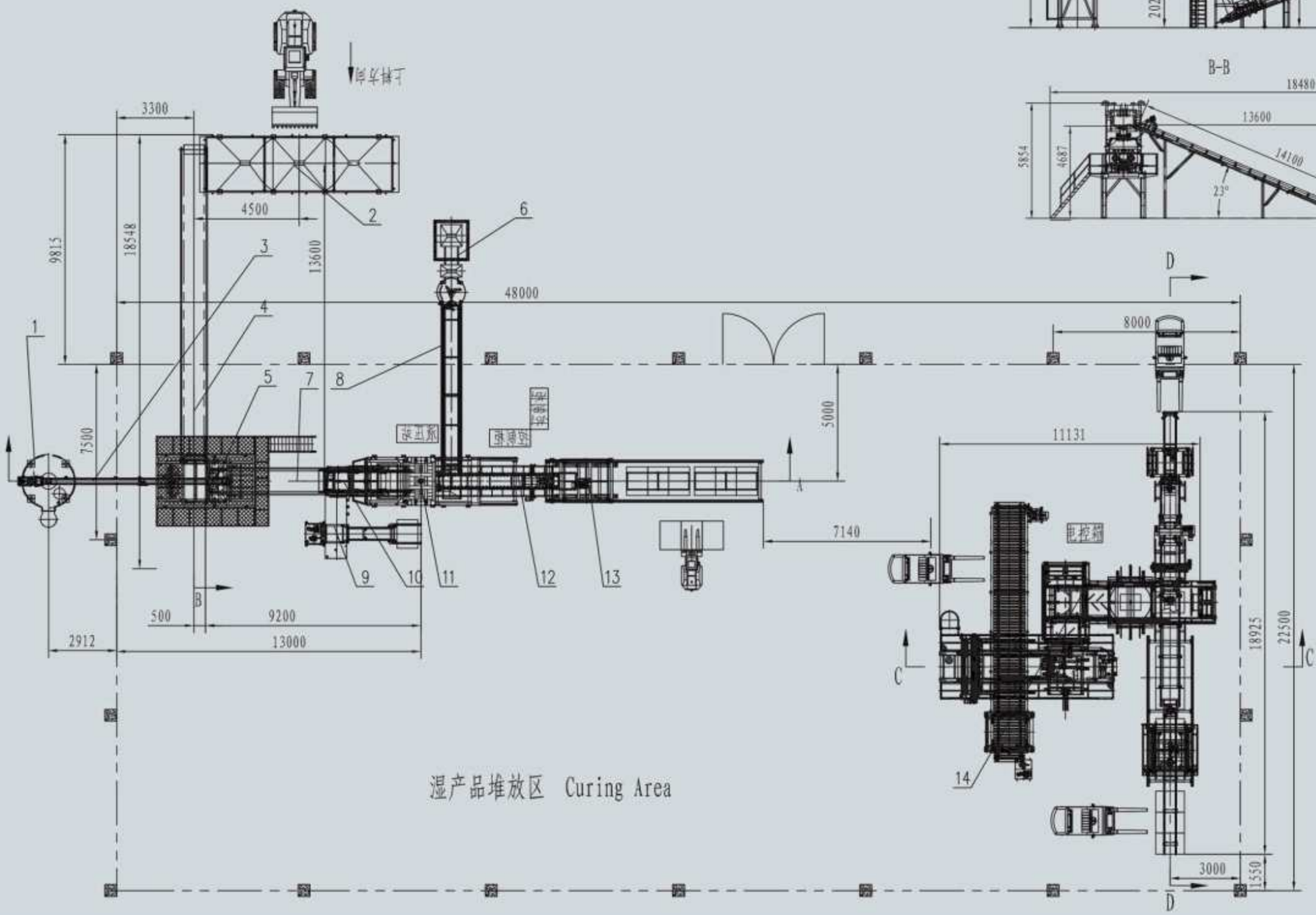
Intelligent shock adjustment, vibration reduction and noise reduction

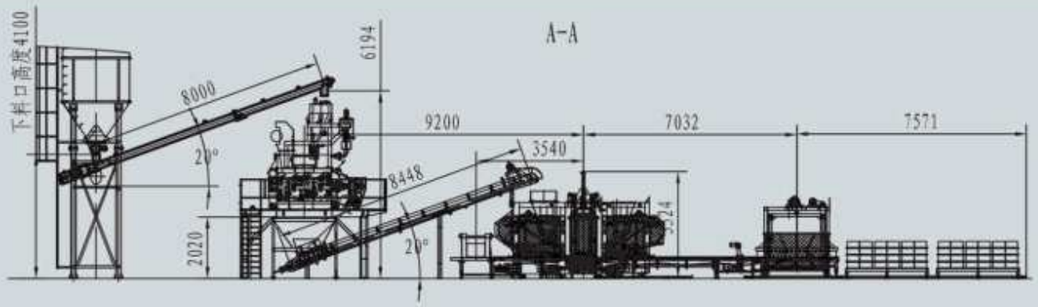


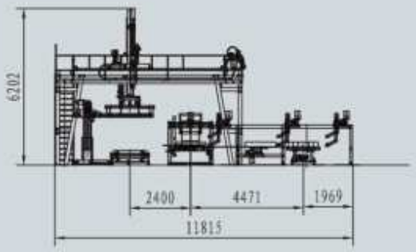
Mould Head and Material Feed Cart Displacement Device:

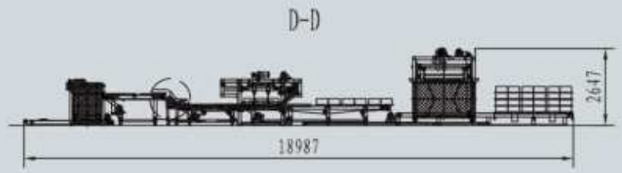
Precisely controls the position of the mould head and the material feed cart, and ensures smooth and gentle operation of the mould head and the material feed cart , without any jerkiness.

Block Machine Economic Production Line(With Independent Cuber)









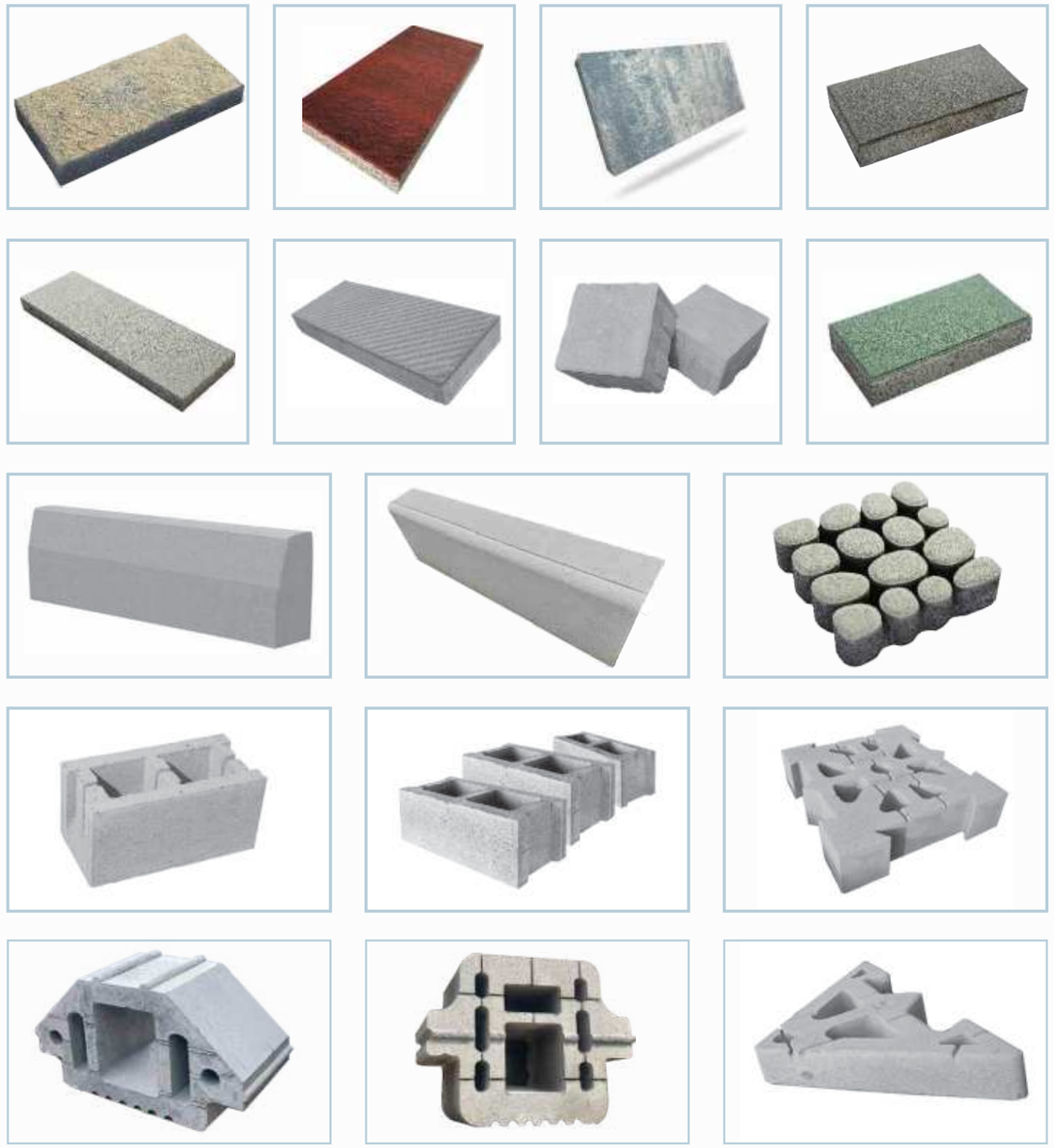
S/N	Name	NO.
1	Silo	1
2	Batcher	1
3	Screw Conveyer	1
4	Conveyer Fo rraw Material	1
5	Mixer For Base Material	1
6	Mixer For Pigment	1
7	Basemix Belt Conveyor	1
8	Facemix Belt Conveyor	1
9	Auto Pallet Onloader	1
10	Pallet Feeder	1
11	Block Machine	1
12	Green Block Conveyer	1
13	Stacker	1
14	Off-line Cuber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

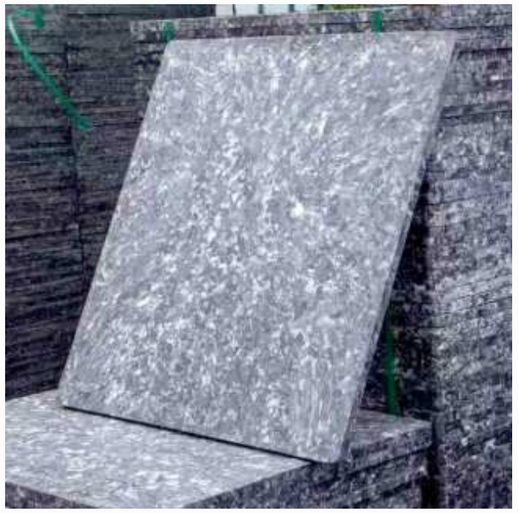




GMT Fiberglass Pallet

*__Types:__ steam-cured and non-steam-cured

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







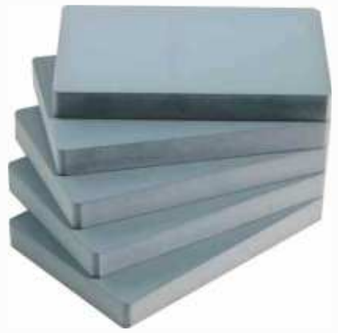
Pallet

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.

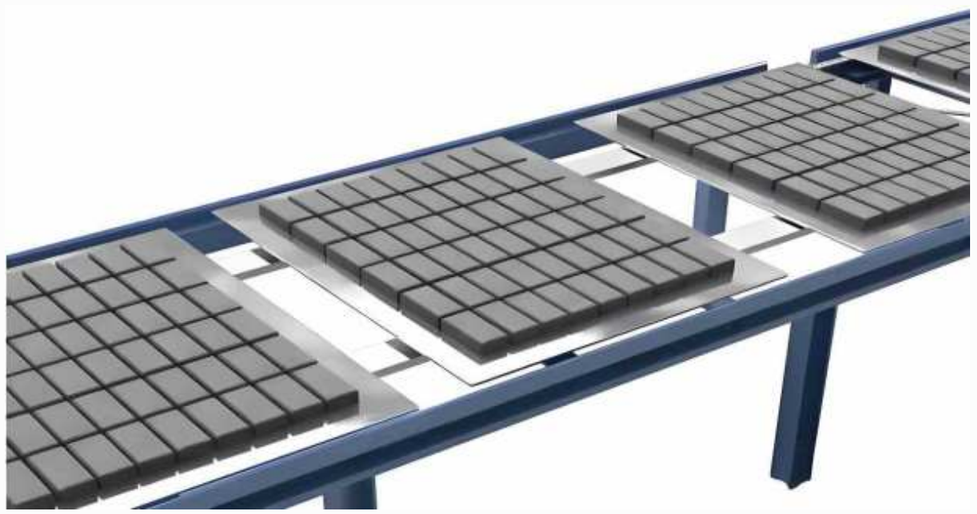




Steel Pallet(corrosion-resistant steel)

*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)										
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	100x60*210	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	ϕ220xD	8	11	14	14	21	18	25	35	39	44
Curbstone											
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

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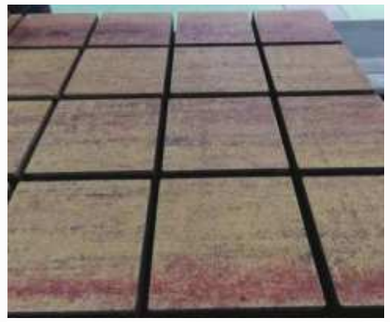
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Brick Example





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

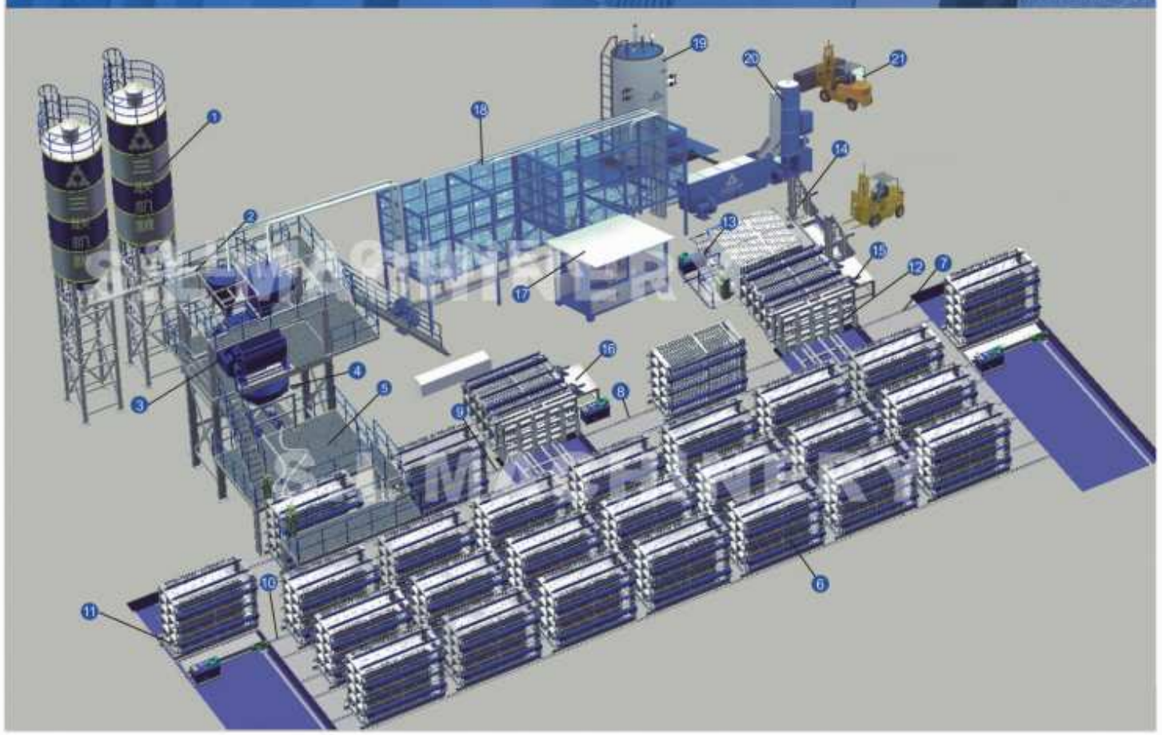
1. Silo
2. Screw Conveyer
3. Mixer(with Powder Measuring System and Steep Making Machine)
4. Automatic Slurry Injection Pump
5. Movable Molding Machine
6. Demoulding Area Pushing Cart
7. Mould Installation Area Pushing Cart
8. Slurry Injection Pushing Cart
9. Transferring Pushing Cart
10. Composite Ferry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





Mobile Type Wall Panel Molding Machine

Lightweight Wall Panel Machine



Wall Panel Production Line–Vertical Type

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

Vertical Type Wall Panel Molding Machine



Technical Parameters of Wall Panel Molding Machine

Feeding Capacity	5m³
Finished Wall Panel Dimension	2440X600X75
	2440X600X90
	2440X600X100
	2440X600X120
	2440X600X150
Molding Time	Two hours (High aluminium cement)
Mould Clearance	⩽2mm

Output of Wall Panel With Different Thickness	75mm	46(PCS)
	90mm	40(PCS)
	100mm	36(PCS)
	120mm	30(PCS)
	150mm	26(PCS)
Maximum Pressure of System	≈16MPa(vertical type overturn cart)	

Project Case











Performance Of Wall Panel

* Sound proof, waterproof, fire insulation, thermal insulation, increase the usable area
* High intensity withaut deformation
* Strong joint structure of male & female channels
* Lnvolve 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 capactity
* Easy cutting and processing, better water proofing
* More anti-bending breaking load
* Low thermal conductivity
* Reduce structure cost and save constuction 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







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