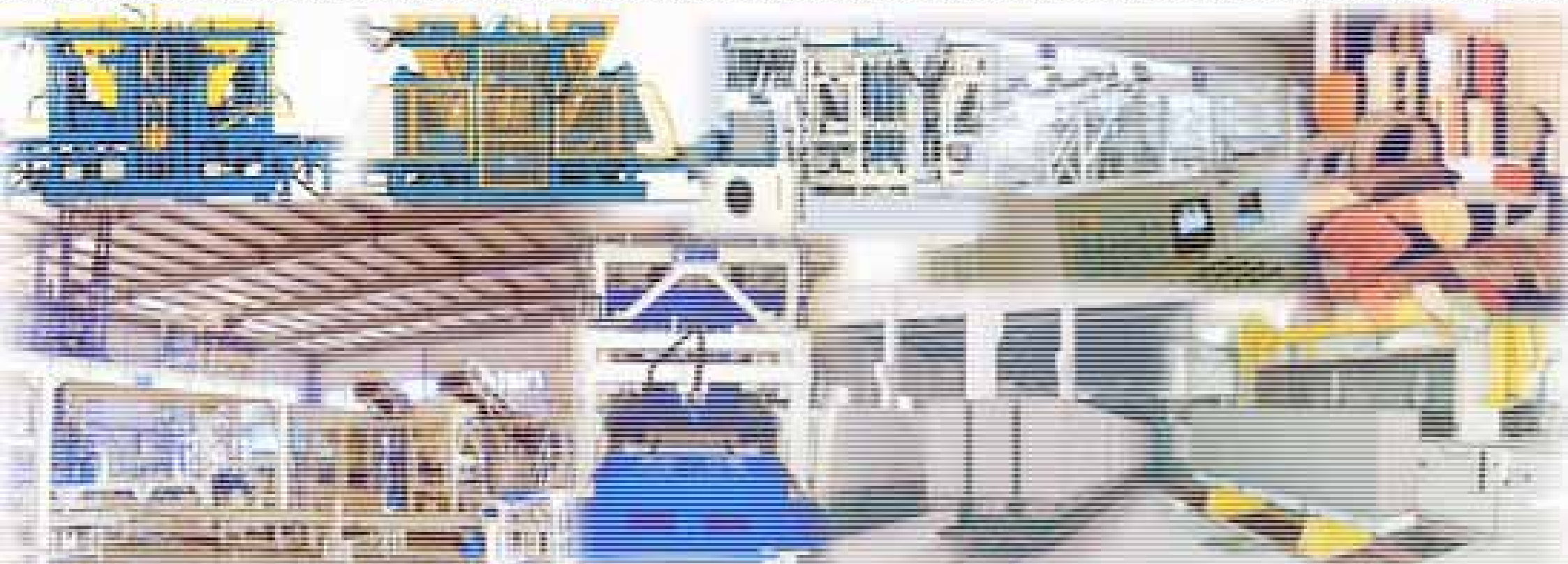


# Block & Autoclaved Products Plant



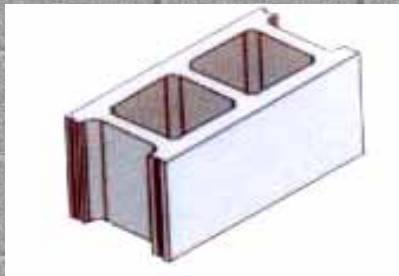
**Allbest Creative Development Ltd. (ALLBEST)**

# Technology Portfolio

By merging the European-American latest advanced technology and our long-term development and research, we develop and supply series concrete block making lines and machines with annual output of 40,000-240,000 M3 standard block. The product line is followed the policy of utterly realizable quality, to ensure the success in the consistency, integrality, reliability, Thinking much in dealing with the usage of the fly ash, slag and industry waste as material in all kinds of blocks. The edge of the equipment usage is enlarged greatly.

We also provide the solution for making autoclave products.

# Concrete Block Making Production Line



# Integrated Automatic Block Making Production Line (40,000-280,000 M3/Y)





Material batching system



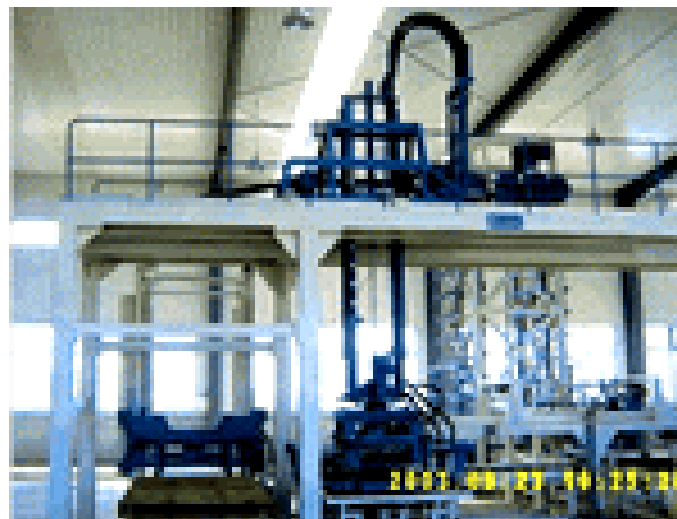
Forming system



Elevator and lowerator system

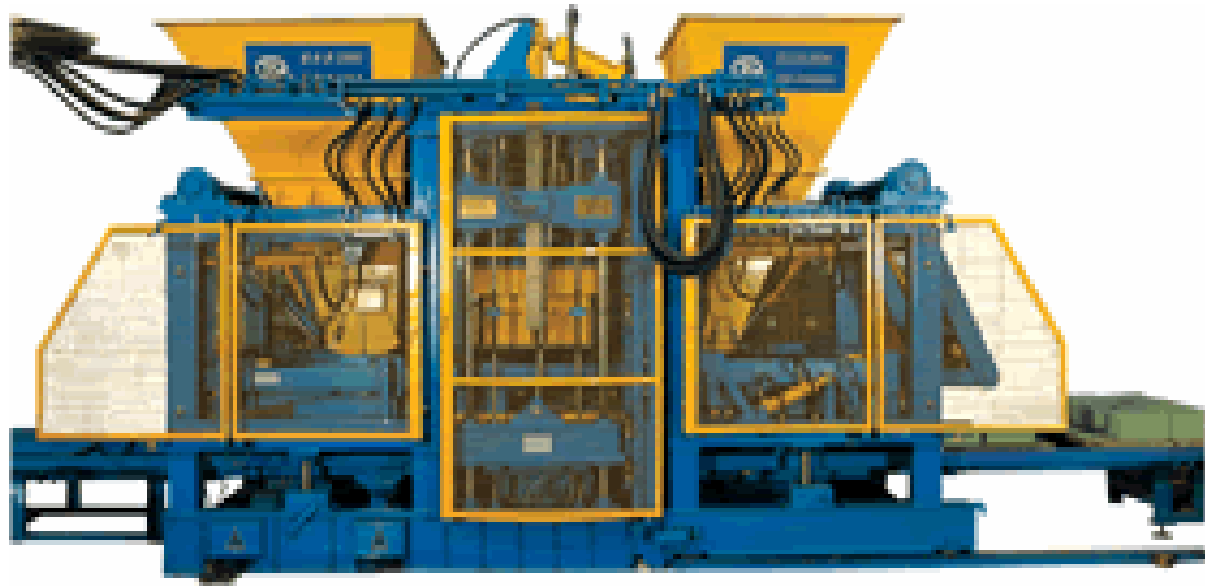


Central control room



Stacking system

## Concrete Block Making Machine (Model: ES2000)



Max. Annual output: 200,000 M3

Forming cycle: 15-18 sec.

Blocks per cycle: 12 (pellets)

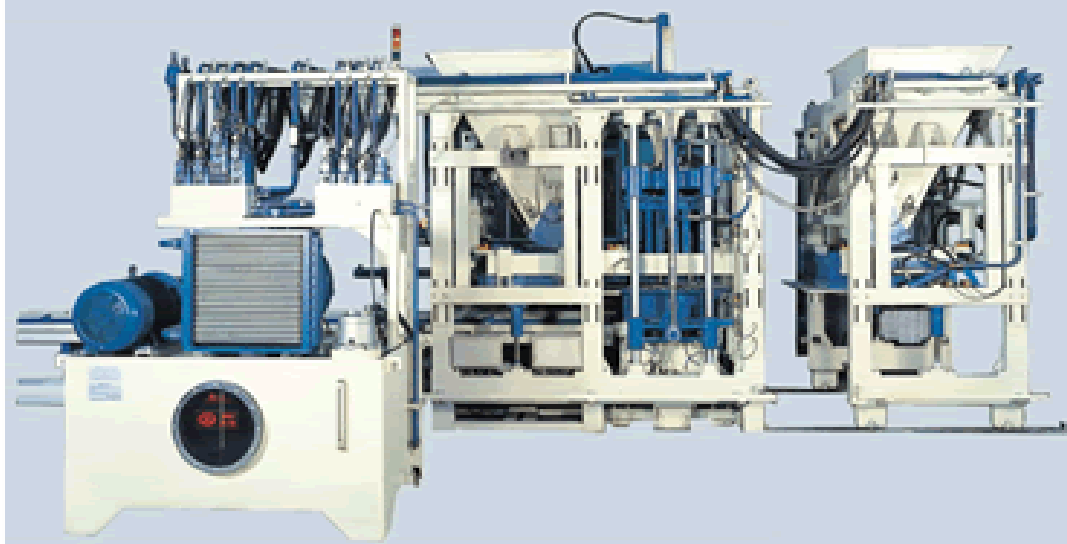
Pellet size: 1400x1100x50 mm

Vibrating form: adjustable frequency and scope

Power: 95 kW



## Concrete Block Making Machine (Model: MZB2001)



Max. Annual output: 100,000 M3

Forming cycle: 15-18 sec.

Blocks per cycle: 6 (pellets)

Pellet size: 1150x750x45 mm

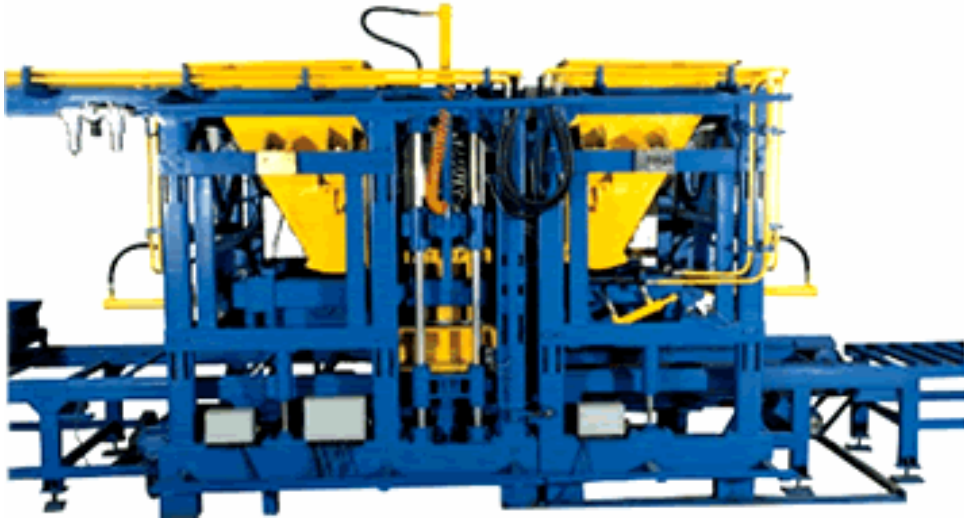
Vibrating form: adjustable frequency and scope

Power: 55 kW

### Features:

- ◆ Annual output is 100,000 M3 high quality standard blocks .
- ◆ With the latest technology support, the vibration force is reached 15 tons; the block making machine could produce all kinds of dense and toughen blocks.
- ◆ The vibrate system with adjustable scope and frequency can make use of fly ash, slag, coal cinder and all kinds of other industrial wastes as materials

## Concrete Block Making Machine (Model: MZB2000)



Max. Annual output: 40,000 M3

Forming cycle: 18-20 sec.

Blocks per cycle: 4 (pellets)

Pellet size: 1100x620x40 mm

Vibrating form: adjustable frequency and scope

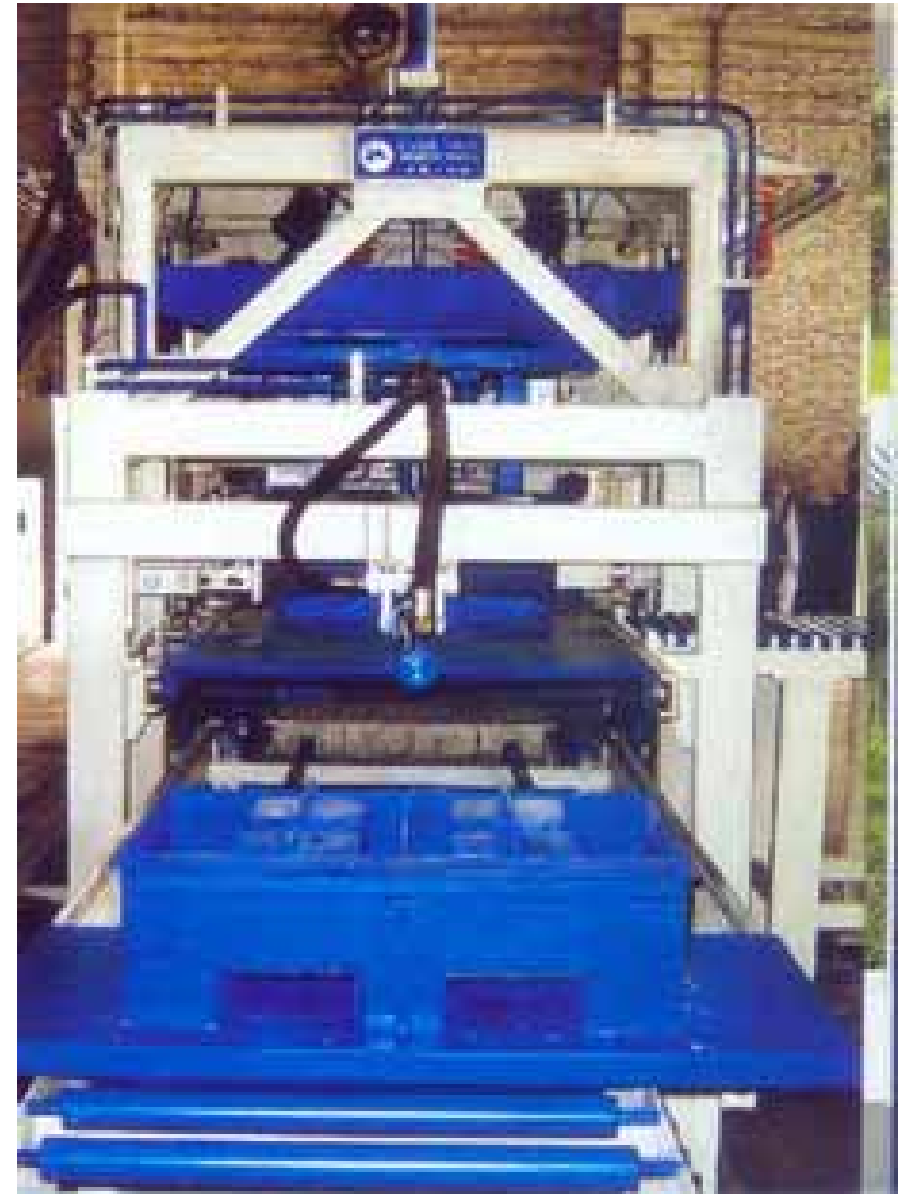
Power: 25 kW

### Features:

- Patent product with the unique four-shaft style vibrate system that makes the best compact, equal distribution of the materials for blocks.
- The powered revolving box-style batch system is fit for the all kinds of materials for blocks.
- With the color box-style batch system the equipment could make all kinds of high quality color paving blocks.
- With the simplest usage and automatic operation, the equipment annual output is 40,000 M3 standard block.



## Concrete Block Making Machine (Model: YM2003, Molded block type)



Block mode Type	300	200	250
Block Size (mm)	300x395x195	200x395x195	250x395x195
Blocks per mode	2	3	3
Forming cycle (sec.)	28	28	28
Power (kW)	25	25	25

# Concrete Block Making Machine (Model: HQC3)

This block machine is mainly used to produce different kind blocks, such as floor-way block, smoke flues block, paving stone, road kerb, screen wall and color block, etc. The block machine has the advantaged technology. The structure of the machine is assembled with steel plates by welding. Guide system is adopted with roller and railway by rolling friction. Comparing with the similar products made by other companies, it has the advantage of simpler structure, lighter weight, longer life, easy to adjust and more convenient for operation and maintenance, etc.

The electric control system is adopted the industrial programmable controller. The machine assures vertical directional mold vibration. It gets high vibrating power and high strength blocks, which can be used for high building.

This machine can be mated with concrete mixer and delivery device to produce blocks. It also can be used to build up a fully automatic concrete block-making production line with other equipment. We provide training service for the users on erection, test-run, operation and maintenance. Besides the mould of the standard blocks, we can also provide the service for other moulds design and making technology as well as the spare parts.



Specification	
Capacity	1080 Blocks/Hour
Block forming time	3 blocks/10 Sec.
Power of main motor	22 Kw
Vibrator capacity	2 x 7.5 Kw
Hydraulic system pressure	63 Kg/ sq. cm
Pump flow	189 L/ Min.
Weight of the machine	8 tons
Overall dimension (L x W x H)	2500x3130x2730 mm

## Concrete Block Making Machine (Model QTJ3-25)



This block making machine is studied and developed into new model through absorbed various advantages of different models of similar machines. We take a consideration of the conditions of production, applications and maintenance of the medium or small scales concrete block manufacturers from the city and countryside in China. The main features of this machine shall be as follows: The transmission mechanism is adopted mechanical driving, the mechanical power is applied reasonably and effectively. The sections of charging and forming are completed by one set of driven mechanism separately, the movement is reliable and durable, easy for maintenance. Except for the base platform adopted perpendicular directional vibration, the girder beam of pressure head is equipped with vibrator for pressure vibration, thus obtaining satisfied forming effects during producing pavement block. Only one machine is able to be used for multiple applications, with strong suitability. If the machine is mated with different mould, it can form wall block, pavement block and lattice-wall block with various shapes and specifications. The mould box is fabricated in packaged type. The vulnerable part is able to be replaced, not only easy for maintenance but also reducing the cost of mould for the user. This machine can realize full automatic operation in lower labor intensity.

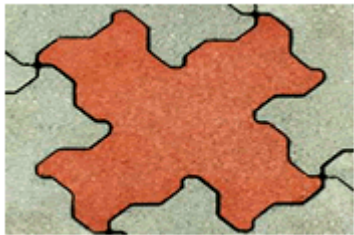
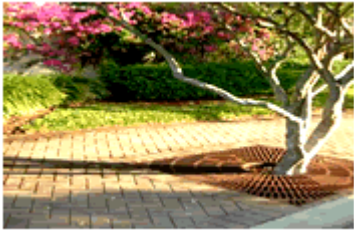
Specification	
Forming blocks	390x190x190 mm, 3 blocks/each mould
Base plate	660x450x30 mm (Wooden)
Forming cycle	25 Sec.
Vibration frequency	2900/min
Exciting force	22.5 Kilo N
Total power	10.2 Kw
Voltage	3 -phase, 380 V, 50 Hz
Weight of unit	3450 Kg
Overall dimension (L x W x H)	4300 x 1500 x 2300 mm

# Blocks Application

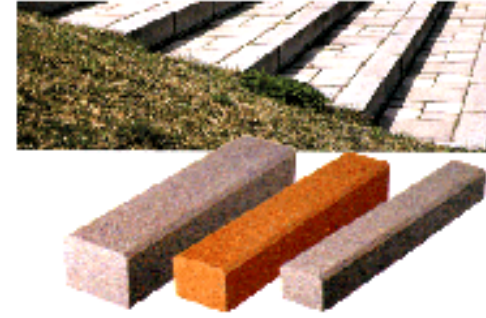
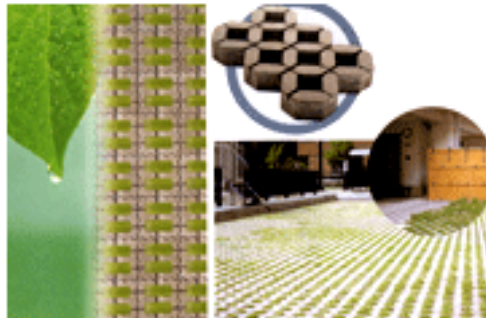
## Blocks for walls



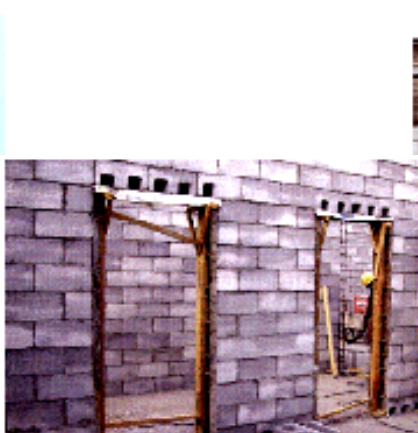
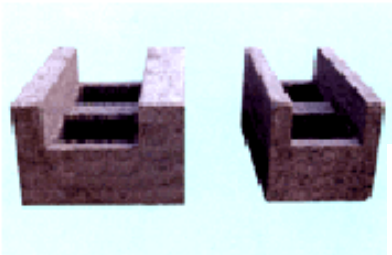
# Blocks for Flooring



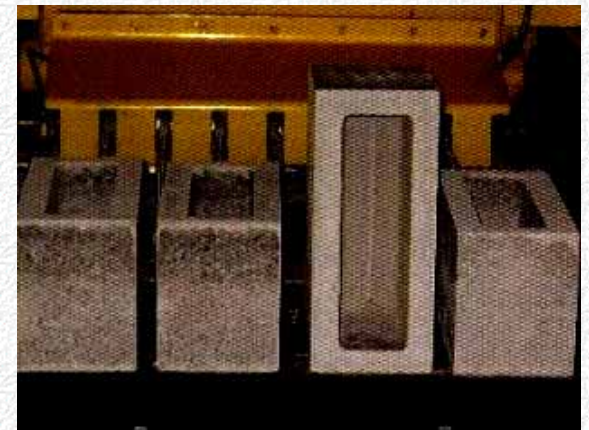
# Special Blocks



# Molded blocks (concrete with EPS powder)



# Autoclaved Products Plant



# Autoclaved Products Plant





# **Service**

- **Advanced and reliable technology & engineering**
- **Procurement, manufacture, and delivery of the goods**
- **Project management**
- **Construction, installation, and commissioning**
- **Technical service**
- **Training program**
- **Service after completion of the project**
- **Other services and functions upon request**

**CREATE THE FUTURE**



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