

# CONCRETE BLOCK MACHINE

Integrated solution provider for block making and concrete mixing



For Further Details Contact:

 **Bien Mercantile Private Limited**  
Service through ... Sincerity & Reliability

AE-5/51, FIRST STREET, ANNANAGAR, CHENNAI-600 040.

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品质决定价值  
QUALITY DECIDES THE VALUE



# T10

Automatic Block Making Machine



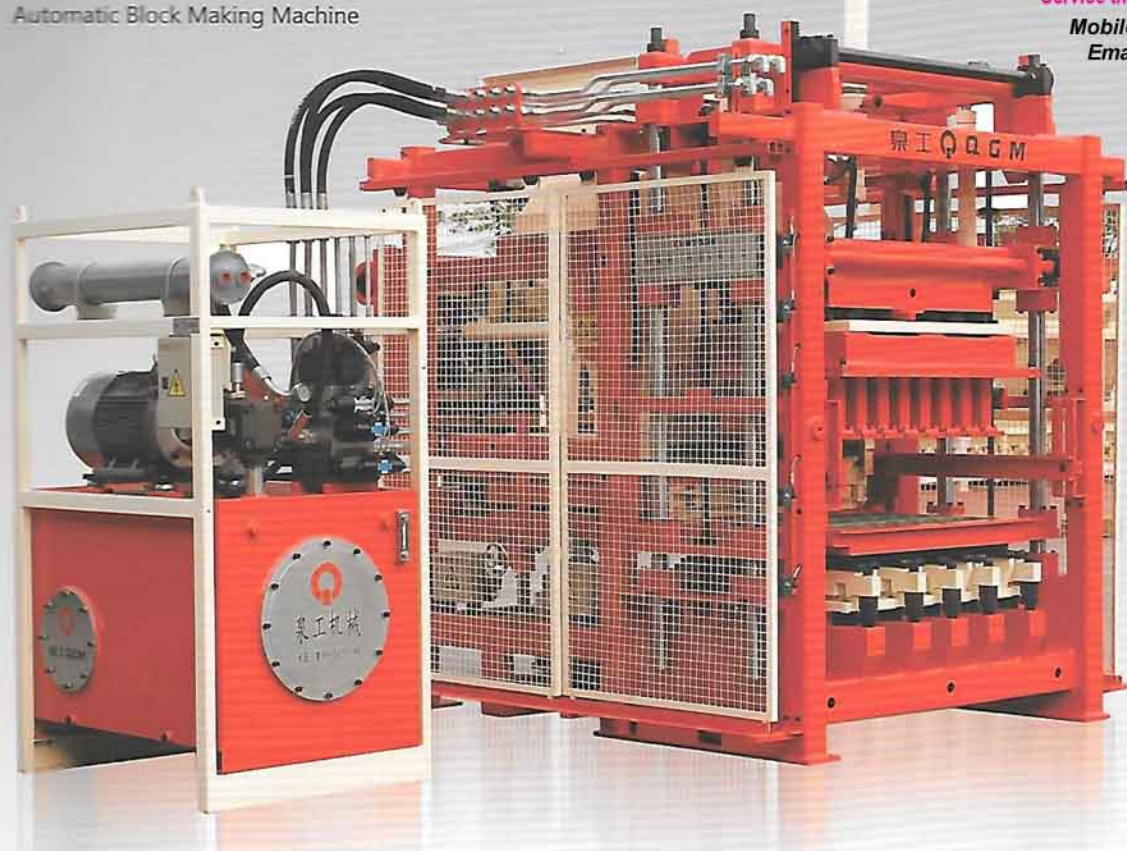
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## T10 Automatic Block Making Machine

### ■ Touchscreen & Electrical Components:

Siemens & Turck

### ■ Height of Concrete Products:

50-300mm

### ■ Pallet size:

1,200x870mm

### ■ Maximum production area:

1,100x820mm

### ■ PLC:

Siemens S7

### ■ Frequency Conversional Vibration System ( Double Vibration):

Bottom Vibration: Siemens, 7.5 KW x 2

Top Vibration: MVE, 0.65 KW x 2

Frequency Converter: Siemens

### ■ Hydraulic System:

Germany & Italy, Integrated Modular Units

Rexroth Pump, ABB / Siemens Motors

### ■ Overall Dimension (L×W×H)mm:

With Facemix Device: 5,200x2,300x2,960mm

Without Facemix Device: 3,200x2,300x2,960mm

| Product                              | Size           | PCS/Mould | PCS/ 8h         |
|--------------------------------------|----------------|-----------|-----------------|
| Hollow Block                         | 400x200x200 mm | 10        | 14,400 - 19,200 |
| Rectangular Paver<br>(w/o face mix)  | 200x100x80 mm  | 35        | 50,400 - 67,200 |
| Rectangular Paver<br>(with face mix) | 200x100x80 mm  | 35        | 40,320 - 50,400 |

\* The capacity data are theoretical and are dependent on machine settings, mix design, aggregates used and other environmental conditions.



Vibration System



Feeding system



Hydraulic system



Control system



# T15

Automatic Block Making Machine



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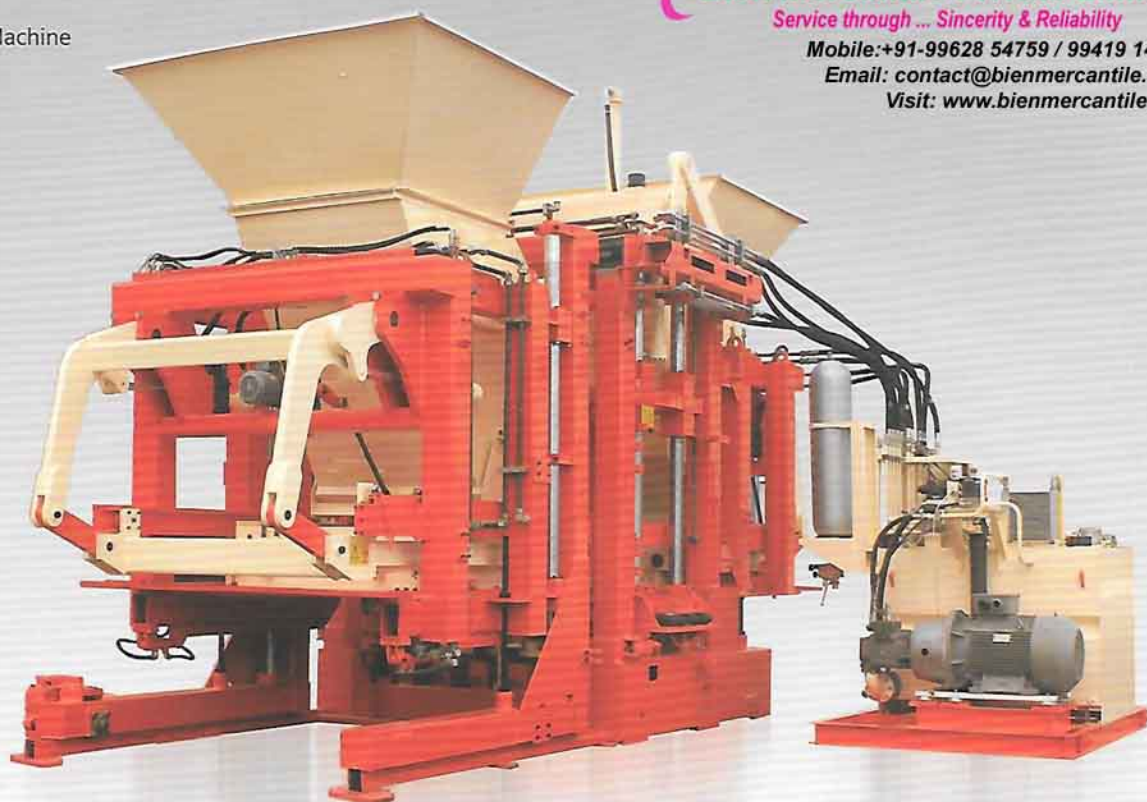
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## T15 Automatic Block Making Machine

■ **Height of Concrete Product:**  
50-400 mm

■ **Pallet Size:**  
1,400 x 1,100 mm

■ **Maximum Production Area:**  
1,300 x 1,050 mm

■ **PLC:**  
Siemens S7

■ **Touchscreen & Electrical Components:**  
Siemens & Turck

■ **Frequency Conversional Vibration System (Double Vibration):**  
Bottom Vibration: Siemens, 7.5 kW x 4  
Top Vibration: MVS1, 5.5 kW x 2  
Frequency Converter: Siemens

■ **Hydraulic System:**  
Germany & Italy, Integrated Modular Units  
Rexroth Pump, ABB / Siemens Motors

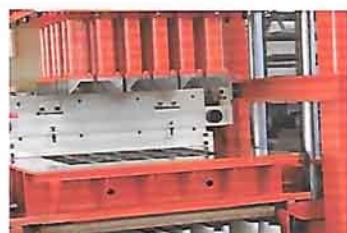
■ **Overall Dimension (L x W x H):**  
With Facemix Device: 7,600x2,400x4,400mm  
Without Facemix Device: 4,600x2,400x4,400mm

| Product                              | Size           | PCS/Mould | PCS/ 8h          |
|--------------------------------------|----------------|-----------|------------------|
| Hollow Block                         | 400x200x200 mm | 15        | 21,600 - 28,800  |
| Rectangular Paver<br>(w/o face mix)  | 200x100x80 mm  | 54        | 77,760 - 103,680 |
| Rectangular Paver<br>(with face mix) | 200x100x80 mm  | 54        | 62,208 - 77,760  |

\* The capacity data are theoretical and are dependent on machine settings, mix design, aggregates used and other environmental conditions.



Vibration system



mould



Hydraulic system



Feeding system



## Fully Automatic Production Line



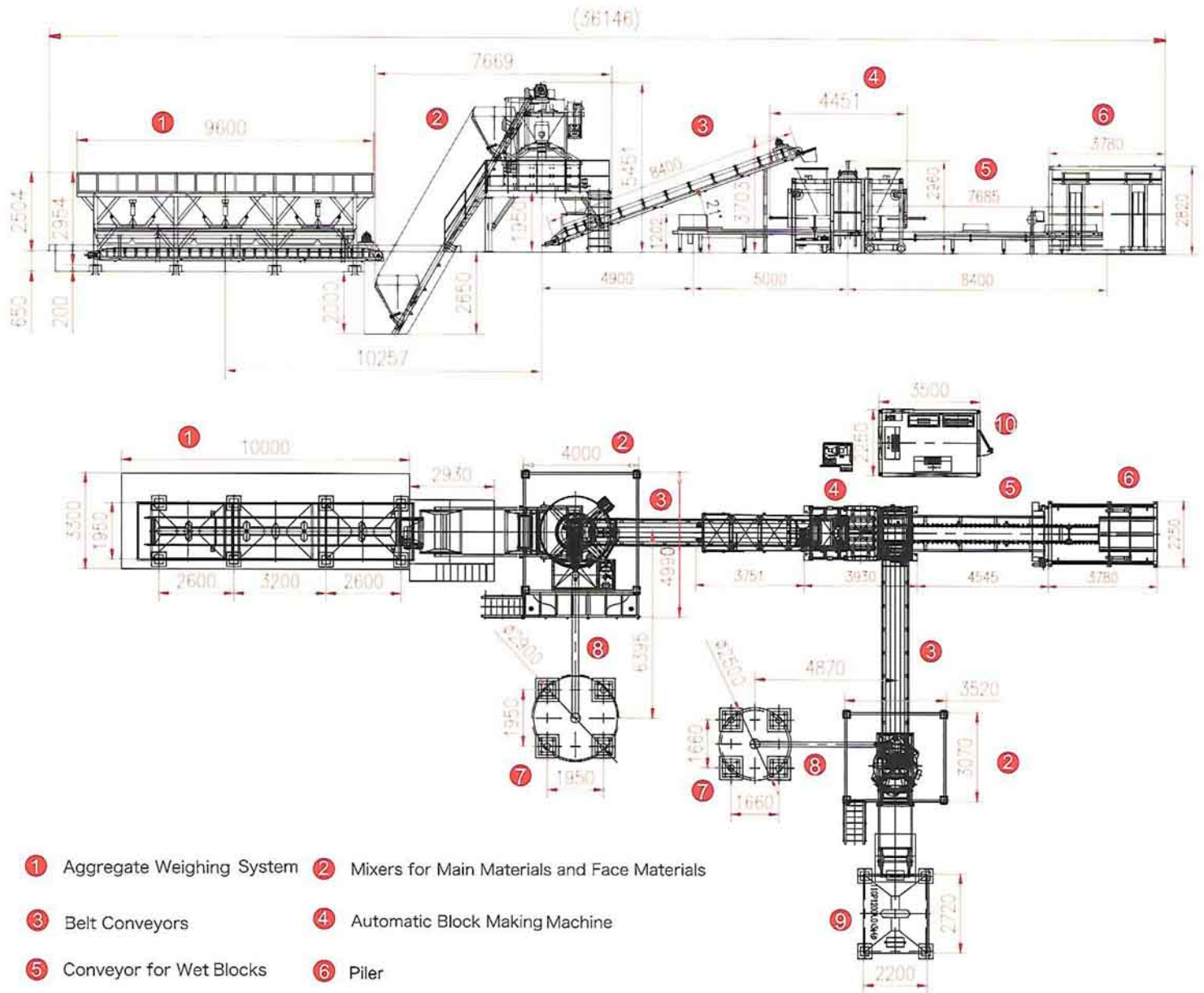
- |                            |                                  |                             |                                 |  |
|----------------------------|----------------------------------|-----------------------------|---------------------------------|--|
| 1 Silos                    | 2 Screw Conveyors                | 3 Aggregate Weighing System | 4 Face Material Weighing System | 5 Mixers for Main Materials and Face Materials |
| 6 Belt Conveyors           | 7 Automatic Block Making Machine | 8 Conveyor for Wet Blocks   | 9 Elevator                      | 10 Finger Car                                  |
| 11 Lowerator               | 12 Conveyor for Dry Blocks       | 13 Stacker                  | 14 Shipping Pallet Magazine     | 15 Chain Conveyor for Finished Products        |
| 16 Pallet Recycling Device | 17 Pallet Turner                 | 18 Control Room             | 19 Curing Room                  |  |



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# Automatic Production Line with Central Control System



- ① Aggregate Weighing System    ② Mixers for Main Materials and Face Materials
- ③ Belt Conveyors    ④ Automatic Block Making Machine
- ⑤ Conveyor for Wet Blocks    ⑥ Piler
- ⑦ Silo    ⑧ Screw Conveyor
- ⑨ Color Material Weighing System    ⑩ Central Control System



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