



# Safeway Technologies Ltd.

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## **STL-QT4-15B Automatic Concrete Block/ Bricks Making Machine (12)**



### **Line Technical Parameters:**

<b>Total rated power</b>	40 KW	<b>Total Weight</b>	8200 kg
<b>Delivery capacity Bricks</b>	16000-20000 pieces	<b>Power Voltage</b>	415V/380V AC
<b>Plate quantity</b>	800-1000 pieces	<b>Labour</b>	4-6 people
<b>Water consumption</b>	3-5T/day	<b>Forming Period</b>	15-18S

### **Production capacity Table:**

Size (LxWxH)mm	Photos	Pieces/Mold	Pieces/Hour	Pieces/Day (10H)
Bricks with Logo 240x115x75		12	2200-2500	16000-20000
Bricks without Logo 240x115x75		18	3200-3700	26000-30000
Hollow Block 390x100x190		7	1050-1220	10000-12200
Paver 225x112.5x60		12	1850-2160	16000-20000

**PS:** Different block with different daily capacity, please clear the capacity demand with our salesman before machine confirmation.

Address: House# 02, Road# 2/3, Block# L, Banani, Dhaka, Bangladesh.

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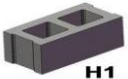



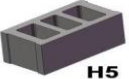


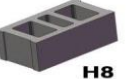
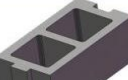
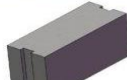
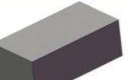

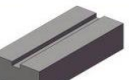
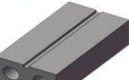
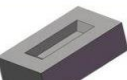



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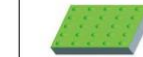

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## Block Design:





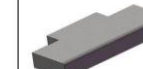
### Hollow block design

 <b>H1</b>	 <b>H2</b>	 <b>H3</b>	 <b>H4</b>	 <b>H5</b>	 <b>H6</b>	 <b>H7</b>	 <b>H8</b>
400x200x200mm 8 inch	400x150x200mm 6 inch	400x125x200mm 5 inch	400x100x200mm 4 inch	400x200x200mm 8 inch	400x150x200mm 6 inch	400x100x200mm 4 inch	400x150x200mm 5 inch
 <b>H17</b>	 <b>H18</b>	 <b>H19</b>	 <b>H20</b>	 <b>H21</b>	 <b>H22</b>	 <b>H23</b>	 <b>H24</b>
420x200x200mm	400x150x200mm 6 inch	400x200x200mm 8 inch	240x115x53mm	200x90x60mm	110x60x210mm	240x115x65mm	330x330x190mm

### Paver design

 <b>P1</b>	 <b>P2</b>	 <b>P3</b>	 <b>P4</b>	 <b>P5</b>	 <b>P6</b>	 <b>P7</b>	 <b>P8</b>
200x100x200mm	230x140x60mm	200x100x60mm	225x112.5x60mm	400x200x60mm	200x160x60mm	400x400x60mm	Sub 250x60mm

### Curbstone design

 <b>C1</b>	 <b>C2</b>	 <b>C3</b>	 <b>C4</b>	 <b>C5</b>	 <b>C6</b>	 <b>C7</b>	 <b>C8</b>
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## Machine Parameter:

### QT4-15 Block Machine

- 1) Shaping Time: 15-20 seconds
- 2) Shaping: Vibration + Hydraulic
- 3) Capacity Solid Bricks (pcs/day): 18000-22000 pcs/ day
- 4) Power (KW): 25KW
- 5) Pressure: 16Mpa (adjustment)
- 6) Pallet Size: 850x550mm
- 7) Weight: 3600 KG
- 8) Over All Dimension (mm) (L\*W\*H): 3700x1800x2500



### JQ500 Concrete Mixer

- 1) Thickness of Pan Steel: 8-10 mm
- 2) Diameter of Main Body: 1500mm
- 3) Capacity (L): 500
- 4) Power (kw): 7.5
- 5) Weight: 1000 KG
- 6) Over All Dimension (mm) (L\*W\*H): 1500x800x1500



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## Conveyor Belt

- 1) Length of Belt: 12M
- 2) Length of Conveyor: 6M
- 3) Width of Belt: 500mm
- 4) Speed (m/s): 3
- 5) Power (KW): 1.1 or 1.5 KW
- 6) Weight: 500 KG
- 7) Over All Dimension (mm)(L\*W\*H): 6000×600×400



## Stacking Machine

- 1) Overall Size (mm) :1800\*1800\*1800
- 2) Stack Layer: 4 Floors
- 3) Power (kw): 2.5
- 4) Speed: 18 S/Cycle
- 5) Working State: Automatic
- 6) Weight: 1000 KG



**Materials Proportion:** This is the most popular proportion in making block making machine:

### 1. Cement, Sand, Stone (standard concrete block):

Raw Materials	Quantity per piece
Water	3%
Cement	9-12%
River sand	40%
Crushed stone	45%
Other specify	You can change the proportion depend on your Needs. This block is heavy, but strong

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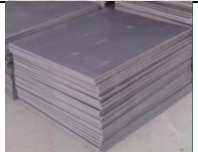
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## 2. Cement, Slag (Light Concrete Block):

Raw Materials	Quantity Per Piece
Water	3%
Cement	9-12%
slag	80-90%
Other specify	You can change the proportion depend on your Needs. This block is light, not so strong

### Pallet Choice

No.	Type	Description	Life(Year)	Photo
1	Bamboo Pallet	Press bamboo sheet with glue to get the pallet. Hardest pallet used for block machine. But will be broken in corner edge after long time using.	3-4	
2	Fiber Pallet	Using black fiber, PE material, glass fiber and other recycle material to press and get the pallet. More durable in life also cheaper price.	5-6	
3	PVC Pallet	Using original polyvinyl chloride material to make. Best flat level to make beautiful paver.	5-6	





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## More Pictures:



**Thank You!**

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