



# Safeway Technologies Ltd.

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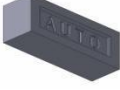


## **STL-QT4-15+JS500 Automatic Concrete Block/ Bricks Making Machine (12 Logo)**



### **Line Technical Parameters:**

<b>Total rated power</b>	52 KW	<b>Total weight</b>	11.5 Ton
<b>Delivery capacity with logo</b>	20000-25000 pieces	<b>Power voltage</b>	380V AC
<b>Plate quantity</b>	800-1000 pieces	<b>Labour</b>	3-5 people
<b>Water consumption</b>	3-5T/day	<b>Forming period</b>	15 S

### **Production capacity Table:**

<b>Size (LxWxH)mm</b>	<b>Photos</b>	<b>Pieces/Mould</b>	<b>Pieces/Hour</b>	<b>Pieces/Day</b>
Solid Brick with logo 240x115x75		12	2400-2800	20000-25000
Solid Brick without logo 240x115x75		20	3600-4800	30000-35000
Hollow Block 390x100x190		7	1250-1500	11000-13000
Paver 225x112.5x60		12	1900-2000	15000-18000

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

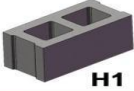
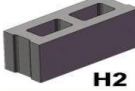
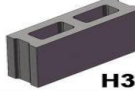

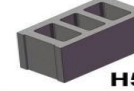
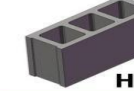

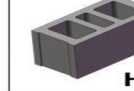
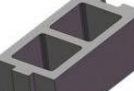
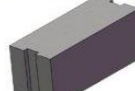



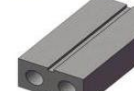




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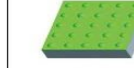

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## Block Design:








### 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:

### STL-QT4-15 Concrete Block machine

- 1) Shaping time: 15 seconds
- 2) Shaping: vibration + hydraulic
- 3) Capacity: 20000-25000 pcs/ day
- 4) Power (kW): 28 KW
- 5) Pressure: 16Mpa (adjustment)
- 6) Pallet size: 880x580mm or 850x550mm
- 7) Weight: 4200 KGS
- 8) Over all dimension: (mm): (L\*W\*H): 3700x1800x2500





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## **JS500 Concrete mixer with water auto system:**

- 1) Charging capacity (L): 750
- 2) Discharging capacity (L): 500
- 3) Production capacity (m<sup>3</sup>/h):  $\geq 25$
- 4) Max Aggregate Diameter:  $\leq 40/60$  mm
- 5) Cycle Time (s): 72
- 6) Mixing vane rotation speed: 30.5 r/min
- 7) Mixing vane quantity: 4x7
- 8) Power (KW): 24.75 kW
- 9) Weight: 3700 kg
- 9) Dimension: 2350×2400×4050 mm



## **Conveyor belt**

- 1) Length of belt: 16M
- 2) Length of Conveyor: 8M
- 3) Width of belt: 500mm
- 4) Speed (m/s): 3
- 5) Power(kw): 2.5 kw
- 6) Weight: 800 KGS
- 7) Over all dimension: (mm): (L\*W\*H): 8000×600×400



## **Stacking machine**

- 1) Overall size mm: 1800\*1800\*1800
- 2) Stack layer: 4 floors
- 3) Power (kW): 1.5
- 4) Speed: 18 S/cycle
- 5) Working state: Automatic
- 6) Structure: Mobile Type
- 7) Weight: 1200 KGS




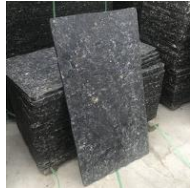
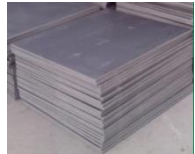







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## Pallet Choice

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	

## Main configuration:

No.	Parts Name	Details Name	Photo	Specification
1	STL-QT4-15 Machine	Main Frame		Steel type: Square Steel Size: 12x12 CM Thickness: 6-8 MM Weight: about 4200 kg
2		Vibration Box		Increased Eccentricity Synchromesh Gear
3		Vibration Motor		Variable Frequency Design 5.5 kW x 2 sets Brand: Huaxing (very good brand in China).



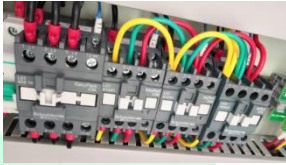

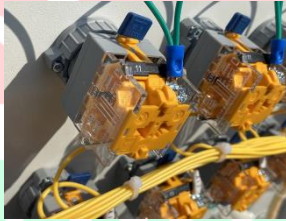

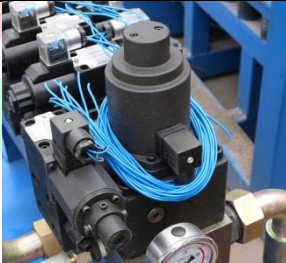

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4		PLC		Wecon (Taiwan Technology).
		Relay		Brand: Schneider
5	PLC	AC contactor		Brand: Schneider
		Other electrical components		Brand: TENGGEN
		Button		Brand: Siemens
6		Solenoid Valve		Brand: Calyca (Taiwan)
7	Hydraulic components	Proportion Solenoid Valve		Calyca
8		Oil Pump		Brand: Calyca (Taiwan)

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**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

## 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





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## More Pictures:



**Thank You!**

**Safeway Technologies Ltd.**

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