



Safeway Technologies Ltd.

Technology for moving forward...

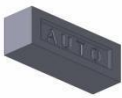
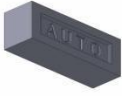


STL-QT4-15+JS500 Automatic Concrete Block/ Bricks Making Machine (14 Logo)



Line Technical Parameters:

Total rated power	62 KW	Total weight	13 Ton
Delivery capacity with logo	25000± pieces	Power voltage	380V AC
Plate quantity	800-1000 pieces	Labour	3-5 people
Water consumption	3-5T/day	Forming period	15S

Production capacity Table:

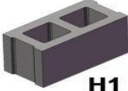
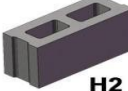
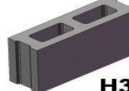

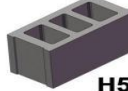


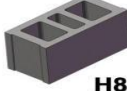

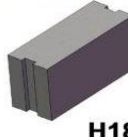
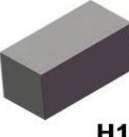

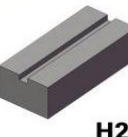

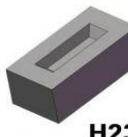

Size (LxWxH)mm	Photos	Pieces/Mould	Pieces/Hour	Pieces/Day
Solid Brick with logo 240x115x75		14	2940-3360	25000-30000
Solid Brick without logo 240x115x75		22/ 24	4000-5000	36000-45000
Hollow Block 390x100x190		8	1440-1920	13000-17000
Paver 225x112.5x60		14	2520-3000	20000-25000

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




Block Design:








Hollow block design

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

Paver design

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

Curbstone design

							
C1	C2	C3	C4	C5	C6	C7	C8

Machine Parameter:

STL-QT4-15 Concrete Block machine

- 1) Shaping time: 15 seconds
- 2) Shaping: vibration + hydraulic
- 3) Capacity: 25000-30000 pieces / day
- 4) Power (kW): 30.45 KW
- 5) Pressure: 16-21Mpa (adjustment)
- 6) Pallet size: 960x550mm or 1010x550mm
- 7) Weight: 5500 KGS
- 8) Over all dimension: (mm): (L*W*H): 4100x1850x2650





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JS500 Concrete mixer with water auto system:

- 1) Charging capacity (L): 750
- 2) Discharging capacity (L): 500
- 3) Production capacity (m³/h): ≥ 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: 2500*1800*2400
- 2) Stack layer: 4 floors
- 3) Power (kW): 3.5
- 4) Speed: 18 S/cycle
- 5) Working state: Automatic
- 6) Structure: Mobile Type
- 7) Weight: 1800 KGS


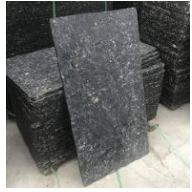
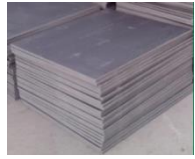






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Pallet Choice

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	




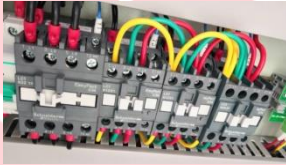




Main configuration:

No.	Parts Name	Details Name	Photo	Specification
1	STL-QT4-15 Machine	Main Frame		Steel type: Square Steel Size: 15x15 CM Thickness: 6-8 MM Weight: about 5500 kg
2		Vibration Box		Increased Eccentricity Synchromesh Gear



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3		Vibration Motor		<p>Variable Frequency Design</p> <p>5.5 kW x 2 sets</p> <p>Brand: Huaxing (very good brand in China).</p>
4		PLC		Wecon (Taiwan Technology).
		Relay		Brand: Schneider
5	PLC	AC contactor		Brand: Schneider
		Other electrical components		Brand: TENGEN
		Button		Brand: Siemens
6		Solenoid Valve		Brand: Calyca (Taiwan)
7	Hydraulic components	Proportion Solenoid Valve		Calyca



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8		Oil Pump		Brand: Calyca (Taiwan)
9	Frequency converter			VicRUNS OR AMB

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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