



**Henan DASION Machinery CO.,Ltd**

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## **DSY concrete brick machine**

**Keywords: concrete brick machine,concrete hollow block machine**

DSY concrete brick machine for the production of all types of concrete products, such as concrete hollow blocks, bricks, pavers, retaining wall or curbstones, which is also called concrete hollow block machine and concrete block machine. And this machine normally works with concrete batch plant and concrete mixer.

Concrete brick machine structure mainly includes vibration system, hydraulic system, walking mode and heat dissipater playing different roles of manufacturing concrete products.

1. Vibration system contains upper mould vibration and bed mould vibration; The upper and bed mould are assembled with two stronger vibration motor; This improves the efficiency greatly and manufactures blocks with more average density and higher strength.
2. Hydraulic system controls the upper and down demould .This cuts down the cycle of the molding and improves the efficiency of the production. This insures that the machine can be operated safely. And the machine can service for a longer time
3. The electric motor controls the forward and backward. The hydraulic controls the turning. It can be operated easily and can find a site to produce concrete blocks easily.
- 4.The machine is assembled with the heat dissipater. This can cool the oil in the hydraulic system and insure the oil can be used for a longer time .It can stop the heat of the oil from damaging to machine .This ensures the longer service life.

### **DSY concrete brick machine images**



**concrete mixer**



**batching plants**



**concrete trucks**



**trailer pump**



**gunite machine**



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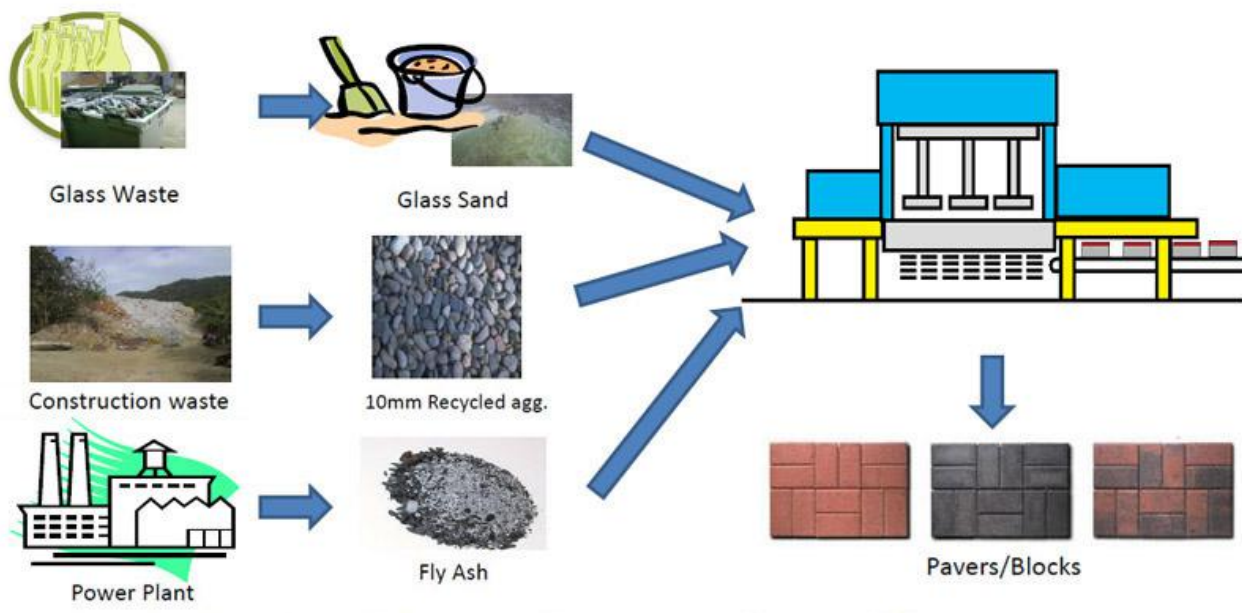
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Concrete hollow block machine also can produce high dimensional accuracy concrete bricks and parent blocks, which are split, pitched and aged in a secondary process, to be sold as walling blocks. Automated handling system and block machine is used in new concrete block maker machine, and the main production line includes mixing and batching plant, such as the mixer is suitable directly the any press.

### Concrete hollow block machine features

1. The feed conveyor with automated stopping and wrapping system, the elevator and lowerator are located within the curing hall plenum chamber. The main plant building is open plan
2. Aggregate hopper is normally designed in cone form, mixture materials charging through this parts
3. Curing hall is the curing system boiler room and diesel storage building, along with a mould store
4. The several parts imported by Italy or Germany to prolong service life and provide high properties
5. Driven by electric or gasoline or fuel according to client's requirement
6. Aluminum rack system made from aluminum materials with lightweight, used very advantageous for various applications, also made from aluminum alloy used for producing robust and large concrete products.

### Concrete hollow block machine flow charts



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Different blocks or pavers are manufactured from different materials, above picture show some recycle materials to produce concrete building blocks. This can protect the environment and reduce the resource waste. We mainly produce different concrete block machine in accordance with industrial specifications, international standards or customers' requirements.

### DSY-2M block making machine main technical data

Model	unit	DSY-2M
Voltage	V	380
Power	kW	1.85
Molding cycle	s	50
Machine weight	kgs	220
Vibrating method		Mould vibration
vibration	kN	6
Overall size	mm	920x800x1260
Raw materials	Crushed stone,sand,cement,dust and coal fly ash, cinder,slag, gangue, gravel, perlite, and other industrial wastes.	
Productivity		
Size (LxWxH)	mm	400x150x200
Pcs/mould		2
Pcs./hr		140

### DSY-6M block making machine main technical data

Model	unit	DSY-2M
Block size	mm	400x200x200
	mm	390x190x190
Forming number	Piece/mould	6
Total Power	kW	9.6
Demoulding		Hydraulic
Machine weight	kg	2600
Pressure of hydraulic system	MPa	8.6
Vibrating frequency	Bout/min	3500
Overall size	mm	1900x2200x1400

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**DSY-12M block making machine main technical data**

Model	unit	DSY-2M
Overall dimensions	mm	3250x2100x2350
Hydraulic pressure	MPa	16-20
Main vibration form		Mould vibration
Cycle time	s	15-20
Vibrating frequency	Rolls/min	2900
Motors power	KW	16
Pallet		No need
Raw materials	Crushed stone,sand,cement,dust and coal fly ash, cinder,slag, gangue, gravel, perlite, and other industrial wastes.	

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