

SELF-LOADING
DRUM CONCRETE MIXER

DASWELL

Dedicated to provide better machinery

Henan Daswell Machinery Co., Ltd
Tel: +86-371-55186675
Fax: +86-371-55186676
Email: machine@daswell.com
Add: No.2 CBD, Zhengdong New District, Zhengzhou City, China

www.daswell.com



We help to build a better world

Self-loading drum concrete mixer

Daswell aims to provide better construction machinery to
create more value for customers



Customers First | Dedication | Perseverance

Company introduction

2024



Daswell is a China based high quality machinery supplier. Our company has over 30 years experience. With several producing bases in China, we can provide many kinds of heavy machinery with high quality.

So far, our products are exported to more than 80 countries overseas, such as Germany, USA, Norway, Ireland, Philippines, Indonesia, Egypt and so on. In order to provide better service to customers, we established subsidiary companies and branch offices in different countries, like Philippines, Indonesia, Pakistan, Egypt, Peru, and Uzbekistan.

We are growing mainly by our good reputation year by year, as we always promise to supply high quality products with good service all the time.

Daswell aims to provide better machinery to create more value for customers, and help to build a better world together.

Company History Timelines

The Pursuit of excellence



Started producing

Original team started producing concrete mixer machine.

1986



First exported to Columbia

First export order of concrete mixer to Columbia.

2009



First exported to Egypt

First crushing and grinding plant exported to Egypt.

2010



Registered Daswell

Regiserted Daswell , branding for high quality heavy machinery.

2012



Got CE certification

Got CE certification, and first exported to Ireland and Germany.

2013



Philippines branch company

Established branch company in Philippines.

2017



Pakistan, Indonesia branch company

Estalbished branch company in Pakistan, Estalbished branch company in Indonesia.

2019



Bangladesh, Malaysia branch company

Established branch company in Bangla-desh, Established branch company in Malaysia.

2020



Peru, Mexico, Egypt branch company

Established branch company in Peru, Established branch company in Mexico, Established branch company in Egypt .

2022

OFFICE ADDRESS

China offices: No.2 CBD, Zhengzhou New District, Zhengzhou City
Binjiang District, Hangzhou city
Qingzhou city, Shandong Province

Philippines branch company: Henan Daswell Machinery (Philippines) INC. Phase 6 B5L12A
Lot 9 Brookside lane Brgy. San Francisco along Arnaldo, Highway Gen Trias Cavite, the Philippines.

Indonesia Branch company: PT. Daswell Indonesia Group
Komplek Pergudangan Green Sedayu Biz Park Cakung Blok GS 9 No. 35, Kel.
Cakung Timur, Kec. Cakung, Jakarta Timur 13910

Pakistan Branch company: DASWELL MACHINERY PAKISTAN (PRIVATE) LIMITED
57 HAJVERY COMPLEX, 2-MOZANG ROAD, LAHORE, Lahore Data Gunj Bukhsh Town

Bangladesh Branch company: DASWELL MACHINERY BANGLADESH LTD.
F-106, Mohakhali School Road, Dhaka-1212

Egypt Office: Elmearaj Elsofly, Cairo Building no 7127 Flat no. 1

Malaysia branch company: DASWELL MACHINERY MALAYSIA SDN. BHD.
Add: VO3-10-23A, SUNWAY VELOCITY DESIGNER OFFICE, LINGKARAN SV, SUNWAY VELOCITY,
JALAN COCHRANE 55100 KUALA LUMPUR W.P.KUALA LUMPUR MALAYSIA

Peru Branch company : DASWELL PERU E.I.R.L
Number 651 K Carrer JR. THE TREASURE,URB. TUPAC AMARU, SAN LUIS, LIMA, PERU.

Mexico Branch company : DASWELL MEXICO SA DE CV
Rio Guadiana 11, Colonia Cuauhtémoc, Mayor's OfficeCuauhtemoc, Mexico City, Mexico



Self-loading drum concrete mixer

Self-loading drum concrete mixer integrates loading, mixing, transportation and unloading, and is equivalent to a mobile concrete batching plant, which is convenient, practical, and simple to operate. The small self-loading mixer truck has the characteristics of narrow-body, short wheelbase, small turning radius and other personalized designs. It has strong advantages in the working environment of limited height, width and length, and can be perfectly adapted to various complex road conditions.

In addition to road construction in rural areas, automatic feeding mixer trucks can also play a significant role in other rural infrastructure projects, ranging from trenching, slope protection, and foundation construction to building bridges, houses, and tunnels. For any project that needs to use concrete, it can always bring enough concrete, which is convenient and cost-effective, and has good efficiency and effect.



Back Cabin



Front Cabin

Work process

- Self-loading drum concrete mixer, the vehicle itself has a bucket with the same function as the loader, which can load concrete raw materials such as sand, stones, cement, etc., and then lift the raw materials into the mixing drum, and the electronic hydraulic scale weighs the aggregate.
- In addition, the vehicle is also equipped with a hydraulically driven water pump, which can pump water. With a uniquely designed mixing blade, the self-loading drum mixer can mix concrete and transport the concrete to the working site, and then unload it.



Rural road construction scene



Factory building construction scene



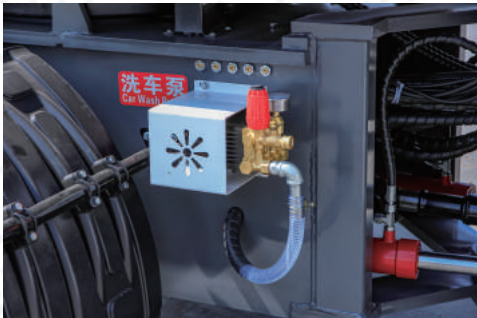


UNIQUE PRODUCT SAVE TIME AND LABOR

NO.1

HIGH CONFIGURATION

- Four-wheel drive, the vehicle is full of driving power, and the operation is worry-free;
- Thickened diamond bridge, the car body has a stable load when running at full load, and safety production is the first;
- Equipped with high-pressure car wash.



NO.2

GOOD QUALITY

- The motor power is large, the stirring efficiency is high, the stirring blade is fully optimized, the stirring blade is fan-shaped, and the contact area with the medium during stirring is large, the feeding is faster, the stirring is more uniform, and the discharging is cleaner;
- The improved feeding port makes the feeding without leakage;
- The residual ash rate is low, and the setting of the watershed at the bottom of the box ensures that there is seamless in the equipment;
- The mixing drum of the automatic feeding mixer truck has a compact structure and good sealing performance, and an ash baffle is set at the feeding port to prevent the reverse flow of water mist;
- The tank body can be lifted and lowered, and the 270-degree rotating unloading tank rotates 20 times per minute, which is 30% more efficient than products in the same industry;



Full power



Even stirring



Low ash rate



Good sealing



NO.3

MULTI-FUNCTION

- The self-loading mixer integrates the perfect combination of self-shovel feeding, cement mixing, tanker transportation, and loading truck unloading;
- With its own water tank and external suction pump, the self-loading drum mixer continuously supplies water to the mixer truck where there is a water source. The nozzles are arranged in multiple rows, and the water volume is uniform and adjustable.



NO.4

STRONG ADAPTABILITY

- The cab can be rotated **270** degrees, and the mixer truck with a two-way driving function can be realized without turning the seat, which can be adapted to various regional environments;
- The maximum slope of full load is **40** degrees, leading products in the same industry;
- The turning radius is **5** meters, and the four-wheel turn in the same direction (the car must be parked and the direction must be adjusted before using the same-turn function), which can effectively deal with complex road conditions;
- Front axle brake, air brake, double brake system, and double tires increase the safety and stability of the mixer truck;



NO.5

COST-SAVING

- The self-loading drum mixer saves the equipment costs and labor costs of loaders, mixers, transport vehicles, generator sets, water trucks, etc., saving time and effort, with reasonable price and high-cost performance.



NO.6

HIGH CONFIGURATION

- The self-loading drum mixer is easy to operate, the instrument panel is simple and clear, the seat setting is comfortable, the design of the operating handle switch is reasonable and convenient, and the driving experience is good;
- The new intelligent management platform, digital management of oil, material, people and vehicles, improve operation safety and reduces operation losses.



High-quality components create high-quality products



Mixing system

8 mixing blades for more uniform mixing and better concrete quality.



Water Supply System

Two sets of water supply system: First water supply system can control the water supply in the cabin. If the water pump is broken, the water source can be connected to the back and the water can be pumped directly into the mixer tank. And flow meter is also equipped.



Chassis system

The wheel chassis that can move stably realizes the transportation and bearing functions of the self-loading concrete mixer.



Shovel

Shovel upgraded, plus vibrator, the material will be unloaded smoothly; plus seal rubber, it avoids cement to leak out.



Cab

It is convenient for the operator to control a series of tasks such as the movement, loading, mixing, and unloading of the self-loading mixer.



Discharge port

It consists of main discharge chute, auxiliary discharge chute, lock rod, etc. The auxiliary discharge chute can extend the main discharge chute.

Main specification

(Front Cab)						
Model		SLDM1200	SLDM1800	SLDM2600	SLDM3500	SLDM4000
Mixer Drum	Mixer drum (L)	1700	2740	3000	4740	6000
	Output capacity (m3)	1.2	1.8	2.6	3.5	4
	Mixer drum rotation speed(rpm)	13	13	13	13-20	18-21
Vehicle	Overall dimension (mm)	7300x1800x3450	7300x2650x3750	7860x2750x4100	7730x2700x4180	7640x2870x4750
	Wheel base (mm)	2560	2600	2800	2650	2480
	Curb weight (kg)	4920	6500	7000	7661	9000
	Drive form	Torque converter	Torque converter	Torque converter	Torque converter	Torque converter
	Max. speed (km/h)	30	30	30	30	35
	Max. gradeability (°)	30	30	30	30	45
	Min. turning radius (mm)	4700	5300	5300	5300	4800
	Min. ground clearance (mm)	280	380	380	380	330
Diesel Engine	Model	Yunnei 490 Turbo-charged	Yuchai 4102 Turbo-charged	Yuchai 4102 Turbo-charged	Yuchai 4108 Turbo-charged	Yuchai 4108 Turbo-charged
	Power	55	78	78	91	91
Gearbox	Model	ZL-265 power shift gear box	ZL-280 power shift gear box	ZL-280 power shift gear box	ZL-280 power shift gear box	ZL-315 power shift gear box
	Gearshift	4 forward + 4 back	4 forward + 4 back	4 forward + 4 back	4 forward + 4 back	4 forward + 4 back
Service refill capacity	Fuel tank (Liters)	63	75	75	75	230
	Total hydraulic system capacity (Liters)	63	75	75	75	170
	Oil (Liters)	16	16	16	16	16
Hydraulic system	Reducer	KY07-2-0	HJ80-43	HJ80-43	HJ80-43	KY07-5-J
	Pump	CBFC 50/32	CBGQ 2050/2032	CBGQ 2050/2032	CBGQ 2040/2080	Interpump
	Motor	BM5-125	BM5-160	BM5-160	USA SUNNY 56	HAA2FM56 / 61W-VTD527
Water supply system	Water tank (L)	400	500	500	620	780
	Water supply	Time relay	Time relay	Time relay	Time relay	Time relay

(Rear Cab)				
Model	SLDM1500	SLDM2000	SLDM3000	SLDM4000
Mixer Drum (Liters)	2600	3200	4200	6000
Dimension (mm)	4300*2200*2750	5300*2300*2900	5800*2400*3000	6200*2500*3100
Weight (kg)	5600	7200	8200	9000
Engine	YUCHAI	YUCHAI	YUCHAI	YUCHAI
Power (KW)	37-75	78	85	91
Transmission	265	280	300	300
Axle	Wheel hub reduction	3.0T wheel hub reduction	10T wheel hub reduction	20T wheel hub reduction
Tyre	20.5-16	1670-20	12R-22.5 Double tire	12R-22.5 Double tire
Bucket capacity (M³)	0.4	0.5	0.7	0.75
Reduction ratio	1: 24	1: 24	1: 28	1: 30
Reducer	Made in China	Made in China	Made in China	Made in China
Speed (RPM)	≥17	≥17	≥17	≥17

Monolith specification



Model no	Sldm1500a	Sldm2500	Sldm5500	Sldm4000a
Type	Integral frame chassis movable, self loading, mixing, transporting	Integral frame chassis movable, self loading, mixing, transporting	Integral frame chassis movable, self loading, mixing, transporting	Integral frame chassis movable, self loading, mixing, transporting
Productivity	4 batches/hour	4 batches/hour	4 batches/hour	4 batches/hour
Steering	4 x 4 Front steering	4 x 4 Front steering	4 x 4 Front steering	4 x 4 Front steering
Engine	Yunnei engine: four-cylinder 2200rpm,58kw	Yunnei engine: four-cylinder 2200rpm,76kw	Yuchai engine: four-cylinder 2200rpm,110kw	Yunnei engine: four-cylinder 2200rpm,92kw
Speed	High speed: 30km/h; low spee:4km/h	High speed: 32.5km/h; low spee:5.5km/h	High speed: 38.5km/h; low spee:7.5km/h	High speed: 36.5km/h; low spee:6.5km/h
Gear number	Three forwards, three backwards	Three forwards, three backwards	Three forwards, three backwards	Three forwards, three backwards
Fuel consumption	Idle state 1-1.8l, working state 4l-6l.	Idle state 1.8l-2l, working state 5l-7l.	Idle state 2l-3l, working state 8l-10l.	Idle state 2l-3l, working state 6l-8l.
Tire	23.5 – 16 (steel wire tyre)	23.5 – 16 (steel wire tyre)	16/70 – 24 (steel wire tyre)	16/70 – 20 (steel wire tyre)
Drum	Geometric volume 2.2 cubic meters, the best stirring 1.2-1.5 cubic meters	Geometric volume 3.6 cubic meters, the best stirring 2.2-2.5 cubic meters	Geometric volume 6.8 cubic meters, the best stirring 4.5-5.5 cubic meters	Geometric volume 5.5 cubic meters, the best stirring 3.5-4 cubic meters
Spiral blade in tank	Double helix mixing, with the guide screw, so that the mixing material more uniform.turn the feed left, turn the discharge right	Double helix mixing, with the guide screw, so that the mixing material more uniform.turn the feed left, turn the discharge right	Double helix mixing, with the guide screw, so that the mixing material more uniform.turn the feed left, turn the discharge right	Double helix mixing, with the guide screw, so that the mixing material more uniform.turn the feed left, turn the discharge right
Mixing tank 270°discharges	16°	16°	The tank rotates horizontally to 270 degrees.there is no dead angle for discharging around the vehicle	The tank rotates horizontally to 270 degrees.there is no dead angle for discharging around the vehicle
Tipping chute	The tank rotates horizontally to 270 degrees.there is no dead angle for discharging around the vehicle	The tank rotates horizontally to 270 degrees.there is no dead angle for discharging around the vehicle	Equipped with 2 chute for detachable to increase discharging length	Equipped with 2 chute for detachable to increase discharging length
Shovel	Equipped with 2 chute for detachable to increase discharging length	Equipped with 2 chute for detachable to increase discharging length	16°	Shovel capacity: 0.55³
Bucket discharge switch	Shovel capacity: 0.35³	Shovel capacity: 0.35³	Shovel capacity: 0.72³	Hydraulic gate, electric control
Operation handle	Hydraulic gate, electric control	Hydraulic gate, electric control	Hydraulic gate, electric control	Electric control button four-way guide handle
Water supply	Electric control button four-way guide handle	Electric control button four-way guide handle	Electric control button four-way guide handle	Electric control button four-way guide handle
High-pressure water pump wash	Hydraulic driving self-primiing pumps	Hydraulic driving self-primiing pumps	Hydraulic driving self-primiing pumps	High-pressure water pump wash
Weighing system	High-pressure water pump wash	High-pressure water pump wash	High-pressure water pump wash	Electronic weighing system (language optional)
Voltage	Electronic weighing system (language optional)	Electronic weighing system (language optional)	Electronic weighing system (language optional)	Battery 24v-100a 2 pieces
Water tank capacity	Battery 24v-100a 2 pieces	Battery 24v-100a 2 pieces	Battery 24v-100a 2 pieces	520l
Diesel tank capacity	240l	370l	620l	180l
Whole weigh	110l	180l	190l	7600kg Complete vehicle kerb mass 7600kg

Construction case



Daswell Self-loading drum concrete mixer are distributed all over the country and exported to more than 40 countries and regions. Sales of machinery and equipment have ranked among the top in the world for many years in a row.

Corporate culture

Build a better world with high-quality products

With 38 years of focus on machinery and equipment manufacturing, we adhere to the original intention, only to make better machinery and equipment.

1986-2024

Enterprise mission: build a better world.

Enterprise vision: Let more customers around the world use better construction machinery, and create more value for customers.

Enterprise values: customer-oriented, dedicated employees as our foundation, take an unremitting effort.

After-sales service

Daswell - be a good helper to customers

DASWELL upholds the integrity management, customer first service tenet, in addition to the excellent product and excellent solution design, DASWELL also has a thoughtful perfect pre-sale and after-sale technical services, help solve the problems from project consultation, field survey, and sample analysis to the project design, installation, debugging, maintenance, etc. Ensure that all parts are properly connected with customers and timely solve customer needs.

- DASWELL has skilled and experienced after-sales maintenance service engineers, who can timely provide satisfactory solutions to customer problems.
- We will build a WeChat group or WhatsApp group for each customer. If you have any questions, you can feedback at any time. We will provide uninterrupted service for you 24 hours, 365 days.
- Within the warranty period (within 12 months from the date of completion of debugging), we will provide repair for the damage caused by human causes, and only charge the cost price for the materials and accessories used in the repair. Our company is responsible for the repair or replacement of any problem or damage caused by non-human causes.
- Adequate parts library. There are various types of accessories for all kinds of equipment in the accessories library to prevent the operation and production of customer equipment from being delayed due to the lack of accessories.

