

TRAILER
CONCRETE PUMP

DASWELL
Dedicated to provide better machinery

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

Web:www.daswell.com



WE HELP TO BUILD A
BETTER WORLD



**TRAILER
CONCRETE PUMP**

Customers First | Dedication | Perseverance

Company introduction

2023



1986

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



OFFICE ADDRESS

- China offices** : No.2 CBD, Zhengzhou New District, Zhengzhou 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.**
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
- Uzbekistan branch company** : **DASWELL LLC**
9,Novesergeliyskaya str. Sergeli district, Tashkent city
- Russia branch company** : Michurinsky prospect, 19, Moscow



Product introduction



D & W

Trailer concrete pump is a widely used concrete pumping equipment

The diesel engine (motor) gives the power to the main oil pump. The main oil pump generates the pressure oil to drive oil cylinder. The piston rod of the oil cylinder drives the piston of the concrete cylinder to push the concrete into the conveying pipeline. Through the sequential action between the concrete distribution valve and the main oil cylinder, the concrete is continuously sucked into the concrete cylinder from the concrete hopper and transported horizontally and vertically to the pouring site through the conveying pipeline.

Daswell machinery trailer concrete pump is S valve concrete pump. It is mainly used for concrete construction of railway and highway tunnel Bridges and culverts, hydropower, mines, high-rise buildings, and other concrete projects.



Highway



Tunnel



Railway



Bridge

Five core pumping advantages leading the global high-end quality



NO.1

High efficiency pumping system

Reliable brand

Diesel engine of trailer concrete pump is Weichai. Cummins is also optional. The main oil pump is Kawasaki, an internationally famous brand, with good configuration, reliable performance, and strong power.

Improved structure for main cylinder

The improved structure for the main cylinder can effectively prevent the emulsification of hydraulic oil, and the replacement cycle of hydraulic oil can be increased by more than 300 hours on average.

Optimized hopper

The hopper adopts high-strength wear-resisting steel welding processing, anti concrete-accumulation internal structure and optimized angle of the mixing device, which improved the suction efficiency and can easily handle various of difficult concrete.

High-power mixing motor

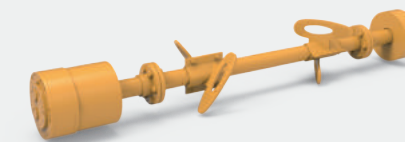
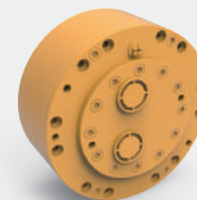
Adopt famous brand mixing motor, step type super wear-resistant mixing blade and shaft. The left and right shaft hardness reaches HB250-280, surface nitriding thickness is more than 0.3mm, surface hardness is more than HV550.

Large displacement, large torque mixing motor forced feeding. When the material is poor and the hopper height is raised, it can also mix normally, so as not to be stuck and improve the material suction.

Strong conveying capacity

Conveying cylinder diameter is 200mm-230mm. It improves the suction performance of trailer pump and can ensure to pump more concrete each time.

It can also adapt to some dry concrete, can easily handle 4cm pebbles and gravel.



NO.2

Stable hydraulic system

Famous main oil pump

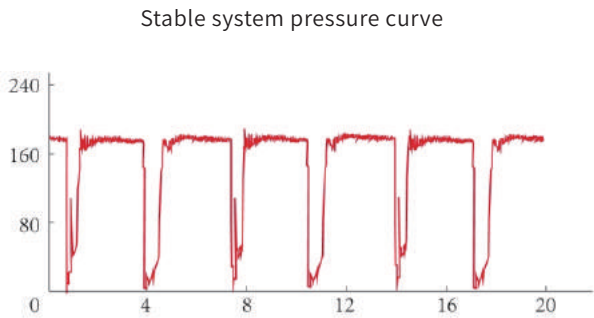
The main oil pump is Kawasaki. And the original Germany Rexroth main oil pump is optional for 60 pumps and above.The pump has the function of constant power and constant pressure to fully guarantee the reliability of the hydraulic system.

Strict hydraulic debugging

High quality hydraulic oil; pumping water for 8 hours; oil pressure test at high,medium, and low level; to ensure the stable operation of the machine.

Accumulator

Adopt International famous brand electric hydraulic valve to fully guarantee the system stability. At the same time, the accumulator is equipped together with current compensator, which has certain compensation effect when the voltage and current is not stable.



NO.3

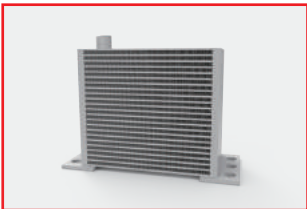
System optimization

Pickling and phosphating for hydraulic tank and steel pipe

Special cleaning oil tank to clean rubber hose and valve block. For diesel cleaning mouth, firstly, high temperature, and then pressure air pump blowing and washing, to ensure no any impurities.
Make the hydraulic system clean enough so that the equipment failure rate isLower and system service life is longer.

Heat dissipation and filtration device

Adopt domestic famous brand oil filter. The filter precision of the main pump oil suction filter is 100μm. The cooler is made of airline products with reliable quality and a good heat dissipation effect. It can work normally in high temperatures. Fully automatic forced central lubrication system, system filtration and auto grease each lubrication point protects the vulnerable parts all the time.



NO.4

Extreme wear-resistance technology

High wear resistant wearing parts, and constantly improve the quality and performance of each component.



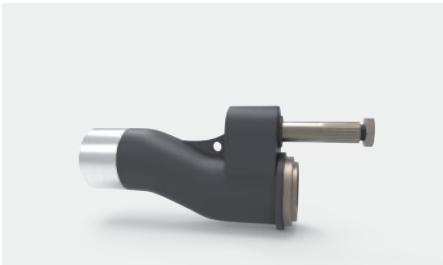
Glass plate, cutting ring

It adopts hard alloy, good wear resistance, and easy to replace. The cutting ring is with function of automatic compensation gap after wear.



Rubber concrete piston

The rubber concrete piston is extremely pressure resistant, wear resistant and heat resistant and can adapt to all kinds of bad working conditions. Its service life can reach 20,000 to 30,000 square meters.



S tube valve

It adopts high manganese steel whole casting molding; for easy wearing surface, it uses anti-wear material welding; it has the advantages of high-pressure resistant and wear-resistance.

NO.5

Durable and beautiful appearance

Remote control and panel control for choice, which is safe and reliable. The overall structure is compact, easy to disassemble easy to transport, maintenance.

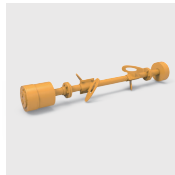


High quality components to create high-quality products



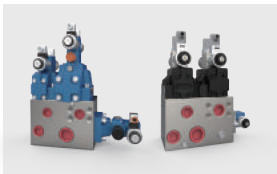
Distribution system

Adopt famous brand swinging cylinder and nested S-tube valve.



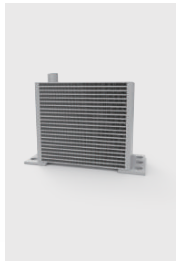
Mixing system

Adopt famous brand stirring motor, step type super wear-resistant stirring blade shaft.



Hydraulic pipeline and valve set

Adopt manouli oil pipe imported from Italy.
Adopt Taiwan oil research hydraulic control valve.



Heat dissipation and filtration device

Adopt domestic famous brand oil filter. The filtration accuracy of the main pump oil suction filter is 100μm. The cooler is made of airline products with reliable quality and a good heat dissipation effect.



Electric control system

Adopt Japanese Omron intermediate relay.



Power system

The main oil pump imported from Kawasaki Corporation of Korea is used, and the original Rexroth main oil pump is used for 60 pumps and above.



Main pumping system

The hydraulic oil circuit is an open circuit. Adopt famous brand main oil pump and concrete conveying cylinder.



Seamless piping configuration



The pipes we provide are seamless high-pressure pipes

- The pipe diameter is 125mm, and the wall thickness is 4.5mm (the elbow is 5mm).
- The pipe is mainly composed of straight pipe, elbow, reducer pipe, bend head, hose, pipe clip, rubber ring, O-ring, and cleaning ball.
- We equipped with a complete range of pipe specifications to meet the needs of customers in different working conditions. For example, the straight pipe is 3m long, 2m long, 1m long; Bends are available in 6 sizes, with different lengths and angles (90°, 45°, 30°, 15°).
- Pipe clamp can be equipped with traditional bolt pipe cards and C-type quick pipe clamp.
- C-type quick pipe clamp, easy to install and disassemble, save time, improves work efficiency.

360 degrees

Close combination, no gap, high safety,
high production efficiency

4.5 thickness

The delivery pipeline is durable, compact,
and powerful

48 accessories

Equipped with a complete range of pipe specifications,
to meet the needs of customers in different working conditions

10 min

Easy to install and disassemble, save time and improve
work efficiency.



Reducer pipe



Elbow



Pipe clamp



C-type pipe clamp



U-type pipe clamp

Main specifications

Diesel trailer pump

Item	CPD40-10-85	CPD60-13-130	CPD80-16-176	CPD90-18-176	CPD90-20-199
Max. theoretical concrete output capacity (m3/h)	35	81/59	88/57	88/57	88/50
Total power (kw)	66 Weichai engine	130 Weichai engine	176 Cummins engine	176 Cummins engine	199 Weichai engine
Max. aggregate size (mm)	40	40	40	40	40
Outlet pressure (MPa)	10	9/13	11/16	11/18	14/22
Concrete delivery cylinder diameter*stroke (mm)	Φ230*800	Φ200*1800	Φ200*1800	Φ200*1600	Φ200*1600
Hopper capacity (m3)	0.5	0.8	0.8	0.8	0.8
Delivery pipe diameter (mm)	Φ125	Φ125	Φ125	Φ125	Φ125
Concrete slump	160~220	160~220	160~220	160~220	160~220
Overall dimension (mm)	4500×1850×1750	6300×2100×2350	6300×2100×2550	6300×2100×2350	6400×2120×2450
Total weight (kg)	3400	6300	6900	6900	6990

Electric trailer pump

Item	CPE40-10-55	CPE60-13-90	CPE80-16-110	CPE90-18-132	CPE90-22-160
Max. theoretical concrete output capacity (m3/h)	55	65/41	86/60	88/62	95/62
Total power (kw)	55	90	110	132	160
Max. aggregate size (mm)	40	40	40	40	40
Outlet pressure (MPa)	10	13	16	18	22
Concrete delivery cylinder diameter*stroke (mm)	Φ200*800	Φ200*1600	Φ200*1800	Φ200*1800	Φ200*1800
Hopper capacity (m3)	0.5	0.8	0.8	0.8	0.8
Delivery pipe diameter (mm)	Φ125	Φ125	Φ125	Φ125	Φ125
Concrete slump	160~220	160~220	160~220	160~220	160~220
Overall dimension (mm)	4500×1850×1750	6000×2100×2250	6300×2100×2250	6300×2100×2350	6800×2100×2250
Total weight (kg)	3300	5800	6200	6500	6800

Construction Cases



Corporate culture

Build a better world with high-quality products

With 37 years of focus on machinery and equipment manufacturing, we adhere to the original intention, only to make better machinery and equipment.

1986/2023

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.

