

CONCRETE
BATCHING PLANT

DASWELL
Dedicated to provide better machinery

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BUILD A BETTER WORLD

CONCRETE BATCHING PLANT

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



CONCRETE BATCHING PLANT

Concrete batching plant is the most common and widely used concrete mixing equipment. It can mix various types of plastic, semi-dry hard and dry hard concrete. It is suitable for medium-sized construction projects, hydropower, highways, ports, docks, bridges, etc., as well as large and medium-sized precast plants and commercial concrete production plants.



Mobile Concrete Batching Plant

Features:

- 1. Adopt semi-trailer design. It is with self travelling system and standard traction pin. Only a tractor head can tow it.
- 2. Compact structure, easy to install and disassemble. Save installation time.
- 3. Free foundation design. Only need to make the ground solid and flat. Save the foundation cost.
- 4. Adopt quick connector for main circuit. Fast to install and disassemble.

Main Specification						
Model		MCBP25	MCBP35	MCBP50	MCBP75	MCBP100
Capacity(m³/h)		25	35	50	75	100
Concrete mixer	Model	TCM500	TCM750	TCM1000	TCM1500	TCM2000
	Mixing power (kw)	18.5	30	18.5×2	30×2	37×2
	Output per batch (m³)	0.5	0.75	1	1.5	2
	Max. aggregate size	≤60/80	≤60/80	≤60/80	≤60/80	≤60/80
Aggregate bin (m³)		2×8	2×8	4×8	4×8	4×10
Walking speed (km/h)		20	20	20	20	20



Stationary Skip Hopper Concrete Batching Plant

Features:

- 1. Easy structure, easy to operate. Easy to disassemble and convenient for construction.
- 2. Skip hopper to feed the aggregate. The ground needed is small.
- 3. Accurate weighing and high production. Can produce various kinds of concrete. Low investment.
- 4. It is suitable for small construction sites, precast plants, small commercial concrete production and highway maintenance, etc.

Main Specification				
Model	CBP25	CBP35	CBP50	CBP75
Capacity(m³/h)	25	35	50	75
Mixer	TCM500	TCM750	TCM1000	TCM1500
Aggregate batching machine (m³)	3*6	3*6	4*8	4*8
Discharge height (m)	3.8	3.8	3.8	3.8
Cycle Time (s)	72	72	72	72



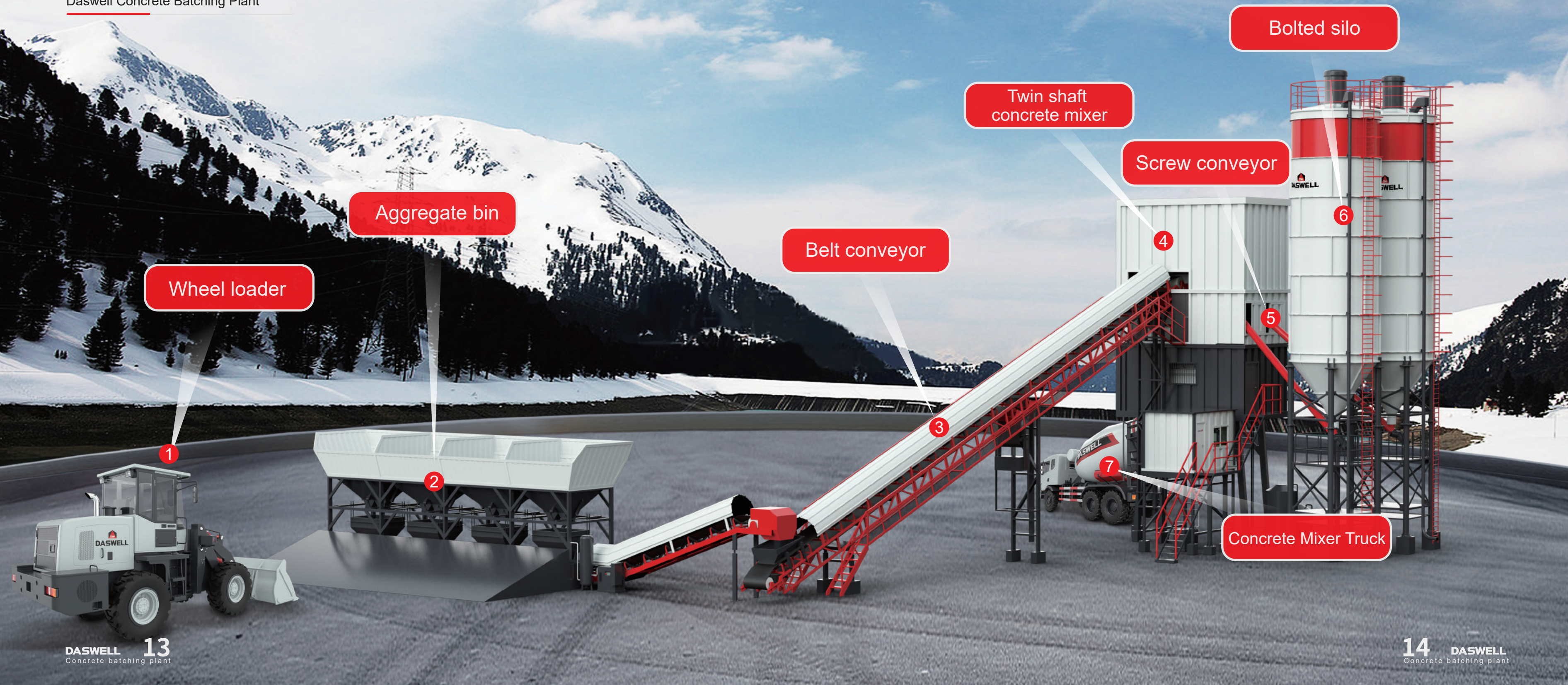
1. High standard external structure. Adopt pressure plate for the external cover. The main frame is fully closed type. Belt conveyor is equipped with rain proof cover. The cement is delivered in enclosed state, which greatly reduces the dust and noise.
2. High standard mixing performance. Adopt Italy technology twin shaft concrete mixer, which is stable and high mixing ability. It can greatly improve the concrete quality.
3. High intelligent control system. Adopt fully automatic control system, which can store data, statistic data and print the production record. It is equipped with monitoring system to monitor the key points of the plant.
4. High environmental protection grade. Equipped with dust collector. The dust collecting efficiency can reach to 99%. Waste recycling system is optional to recycle the sand, stone and waste water.

Main Specification					
Model	CBP60	CBP90	CBP120	CBP180	CBP240
Capacity(m³/h)	60	90	120	180	240
Mixer	TCM1000	TCM1500	TCM2000	TCM3000	TCM4000
Aggregate batching machine (m³)	4*8	4*12	4*20	4*30	4*30
Discharge height (m)	4	4	4	4	4
Cycle Time (s)	60	60	60	60	60



Working process I

Daswell Concrete Batching Plant



6 system, Quality Assurance

Witness the power of quality

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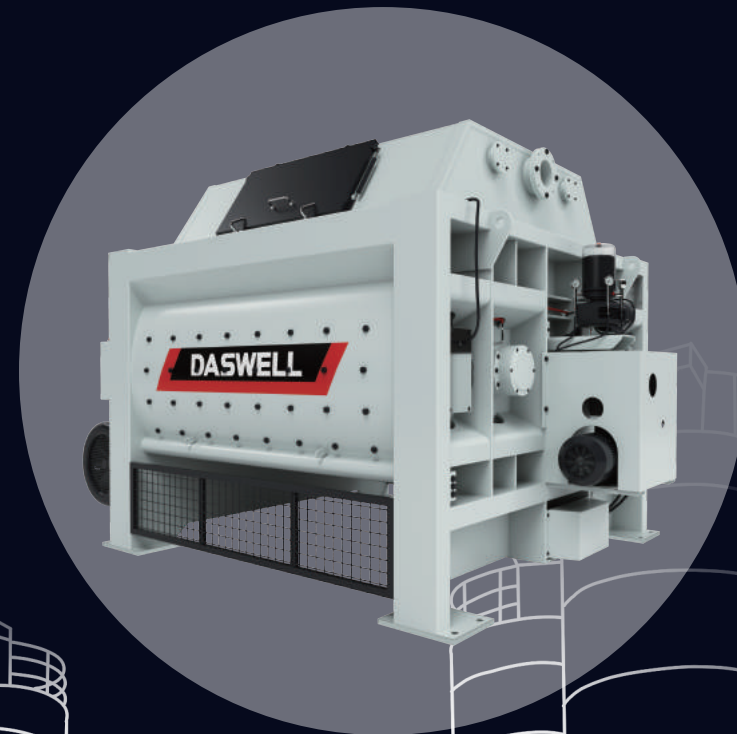
Mixing system

■ Twin shaft concrete mixer

The main machine adopts the twin shaft concrete mixer which absorbs Italian technology, with smooth running and strong mixing capacity. For hard, semi-dry, plastic and various ratios of concrete, it can realize the sand covered stone, improves the quality of concrete. It can also be equipped with a planetary concrete mixer according to customer requirements.

■ Wear-resistant vibration damping

The mixer adopts wear-resistant alloy shock absorbing liner plate and mixing blade, with low mixing noise, low wear of liner plate and blade and long service life



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Batching system

■ Aggregate bin

The batching machine consists of a storage hopper, a weighing hopper and a belt conveyor, The weighing is divided into two ways: cumulative measurement and independent measurement. The Concrete bucket batching plant uses cumulative metering, the aggregate from the storage hopper enters the weighing hopper (or belt scale) in turn for metering.

■ Large inclined arch design

Large inclination angle eccentric arch elimination design, vibrating liner structure, adjustable pressure reducing plate, to ensure the smooth discharge of materials;



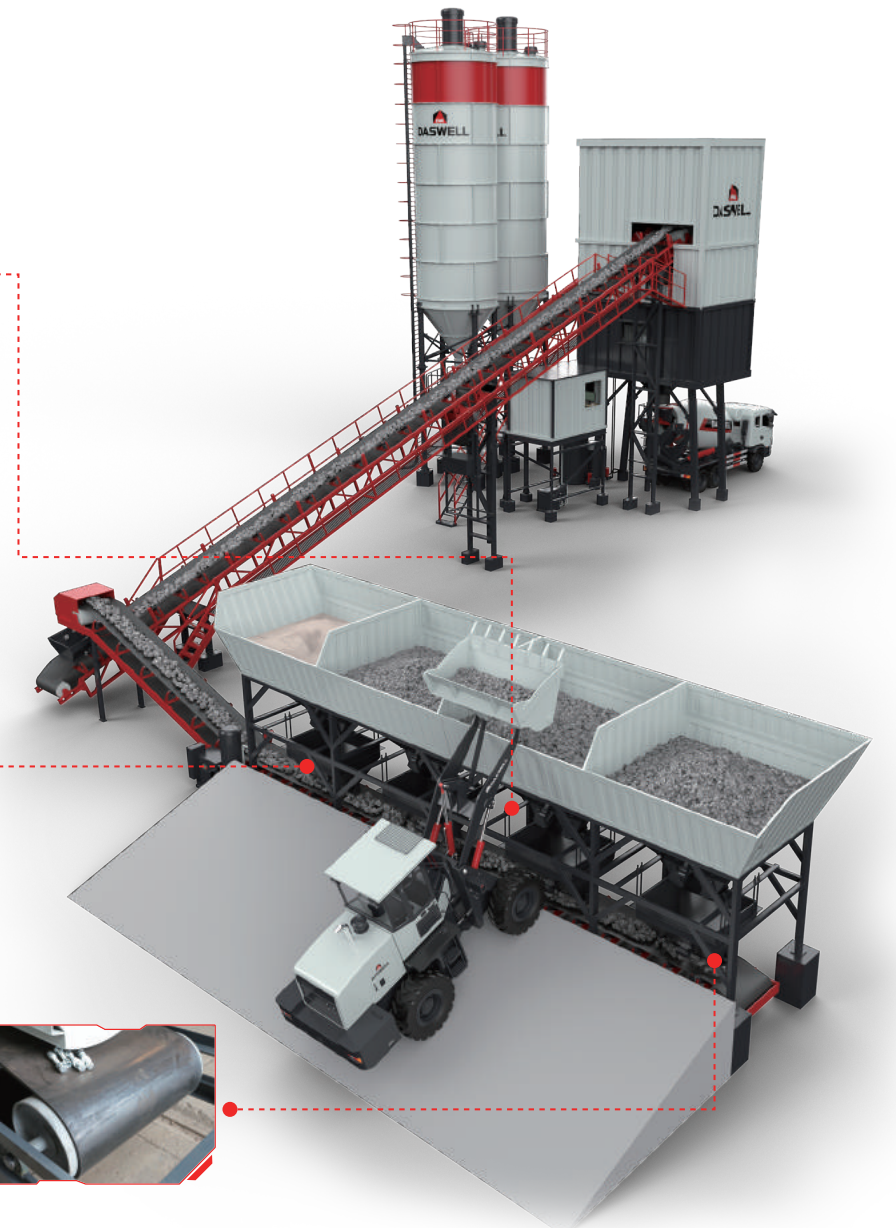
■ Accurate measurement

With over-weighing and under-weighing functions to ensure the accuracy of measurement.



■ Belt conveyor loading

The environmentally friendly commercial concrete batching plant is equipped with a large material yard and uses a belt conveyor for feeding, which reduces noise and dust, also saves labor and loader costs.



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Weighing system

- Mainly composed of cement metering, water metering, additive metering, fly ash metering etc.
- Small and large head connection to avoid the influence of the spiral on the powder weighing.
- Free weighing frame construction to avoid the influence of the main building on the powder weighing.
- Reasonable air permeability design to balance the air pressure of the powder weighing, effectively preventing weighing and pulling.

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Powder system

■ Cement silo

Adopt bolted silos makes it easy to transport.

■ Screw Conveyor

Small body diameter, high rotational speed, large conveying capacity and high precision.

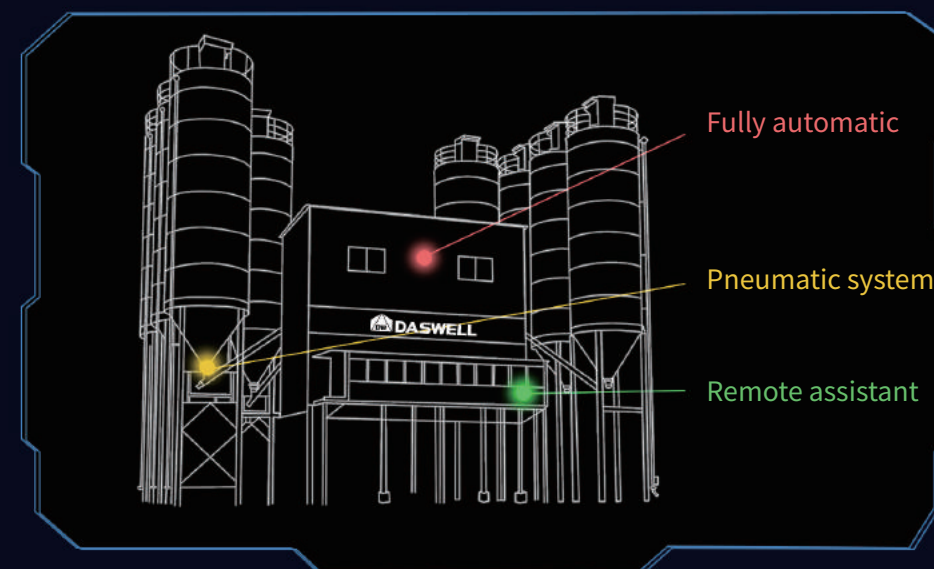


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Air control system

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Intelligent Control System



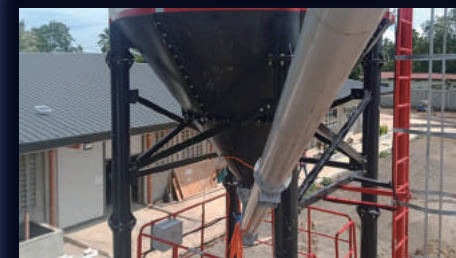
- The pneumatic control system provides the air supply for each discharge door cylinder, using famous brand pneumatic control components, and the air compressor adopts well-known domestic brand.

■ Fully automatic control technology

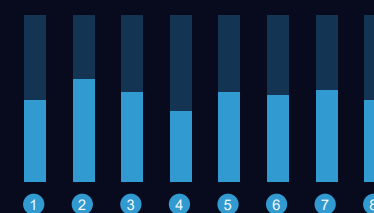
The equipment uses fully automatic computer control technology to monitor and automatically control the production process according to pre-stored ratio data, statistical tables, etc. to achieve standardized management.

■ Remote control

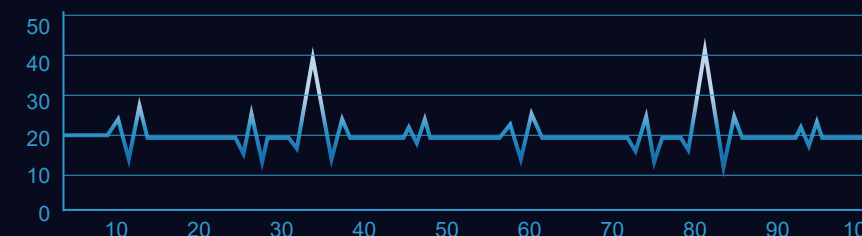
With remote control software, if meet problems could remotely control and assist customers in solving problems.



■ Real-time status monitoring display



■ Production record statistics



Construction Cases

DASWELL Concrete Batching Plant



CBP25 in Buhangin Davao



CBP25 in Tuguegarao



CBP180 in ASEANA, Pasay City



CBP150 in Cagayan De Oro



CBP90 in Waan, Davao City



MCBP25 in Maitum General Santos



MCBP100 in Calumpit, Bulacan



CBP90 in Abiao, Davao city



MCBP60 in Cagayan De Oro



CBP150 in Cagayan De Oro



MCBP25 in Butuan Camella



MCBP25 in Camarines Norte



CBP25 in Zambales

Daswell concrete batching plants are all over the country, and exported to more than 40 countries and regions. The sales volume of construction machinery has been among the highest in the world for many years.

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.

