

STATIONARY
CONCRETE PLANT

DASWELL

Dedicated to providing better construction machinery
Create more value for customers

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BUILD A BETTER WORLD

STATIONARY CONCRETE PLANT

Customers First

Dedication

Perseverance



COMPANY INTRODUCTION

2022

Daswell is a company specializing in the research, design and production of construction and mining machinery for many years.

Our main products are concrete machinery such as concrete pumping machine, batching plant, mixers, also bolt silos and asphalt plant product ,and also stone crushing and grinding machine like jaw crusher, cone crusher, vibrating screen, stationary and mobile crushing plant, and roller mills, ball mill grinding plant,etc.

Till now, our machinery have been sold to more than 80 countries in the world such as Germany, USA, UK, Ireland, Norway, Australia, New Zealand, Russia, Brazil, Philippines, Thailand, Malaysia, Indonesia, Vietnam, Mexico, Colombia, Ecuador, Uruguay, Egypt, Nigeria, South Africa and so on.

And we have several branch companies and warehouse in different places in the world to do better service for our customers.

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.



1986

Introduction |

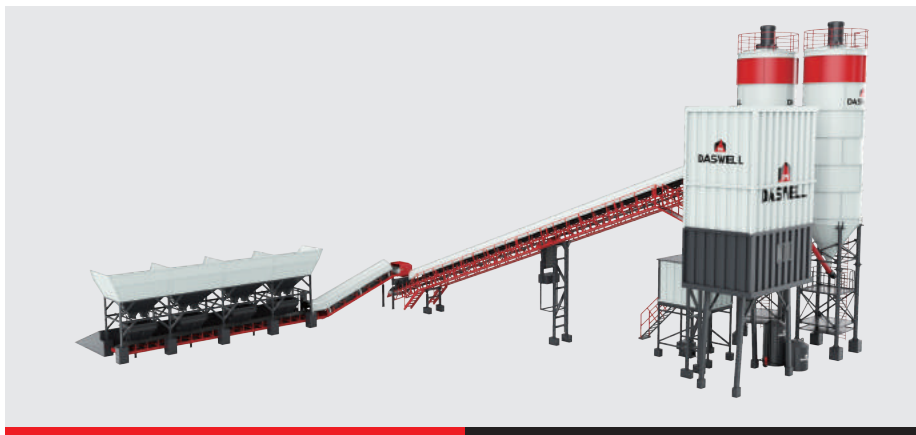
Daswell Stationary Concrete Plant

The stationary mixing plant is the most common and most widely used concrete mixing plant. The plant integrates material storage, metering and mixing. It can mix various types of plastic, semi-dry and dry concrete.

It is suitable for construction projects of medium size or above, hydro-power, highway, port, wharf, bridge and other projects as well as medium and large prefabricated parts plants and commercial concrete production plants.



Stationary bucket concrete batching plant



Stationary belt concrete batching plant



Working process

Daswell Stationary Concrete Plant



The wheel loader loads the different aggregates (sand, stone, etc.) into the storage hopper of the aggregate batcher.

aggregate batcher

Then into the metering hopper for metering

The measured aggregate is lifted above the concrete mixer through inclined belt or lifting bucket.

The measured aggregates, cement, additives and water are discharged into the mixer for mixing in turn.

Internal structure of the concrete batching plant

Water and additive are pumped to the water metering hopper and the additive metering hopper located above the concrete mixer

At the same time, the cement from the cement silo is conveyed via a screw conveyor to the cement metering hopper above the concrete mixer

Una vez que se completa la mezcla, se abre la puerta de la mezcladora y el material se descarga en el camión mezclador de concreto.

7system, Quality Assurance I

Witness the power of quality

N_{0.1}

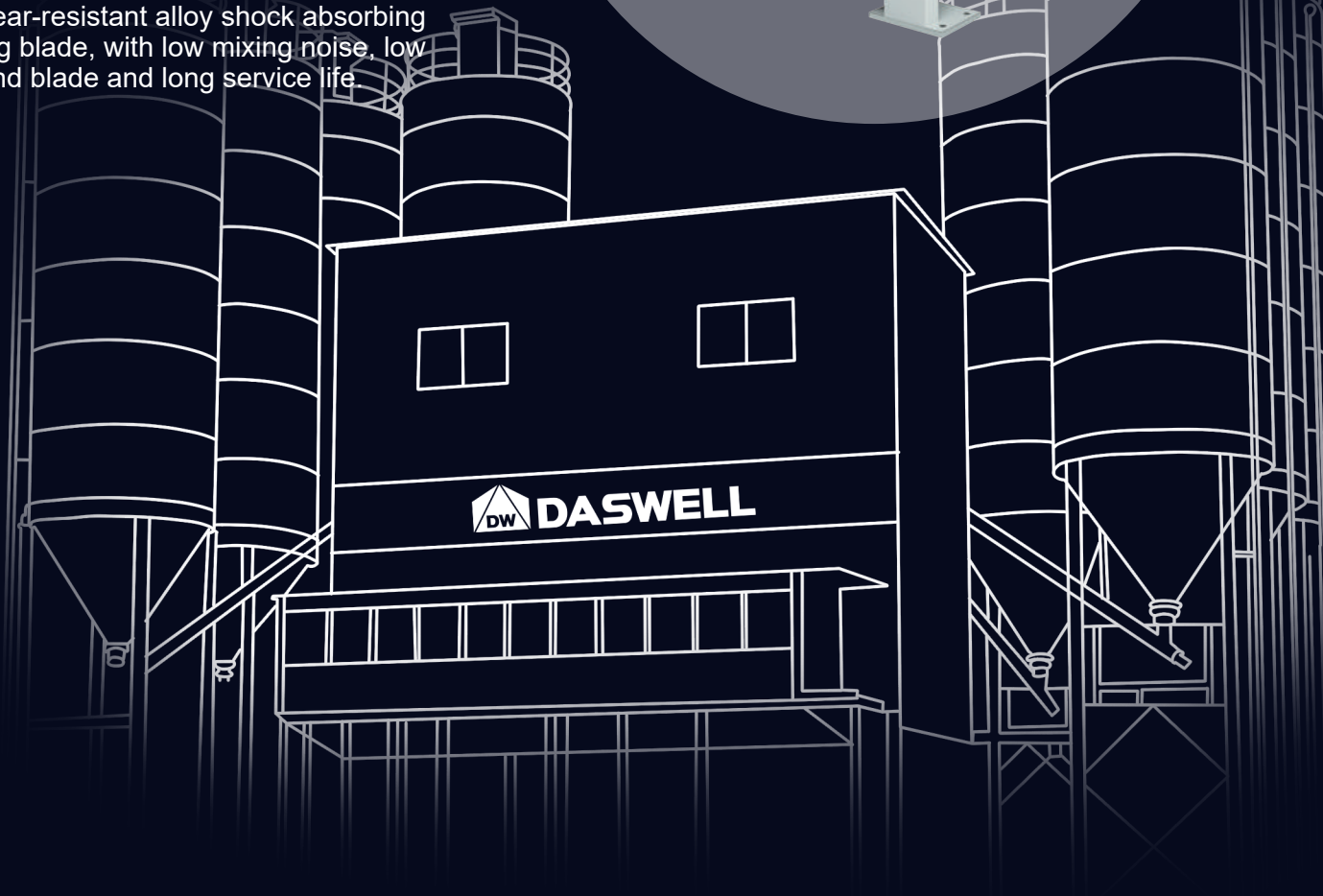
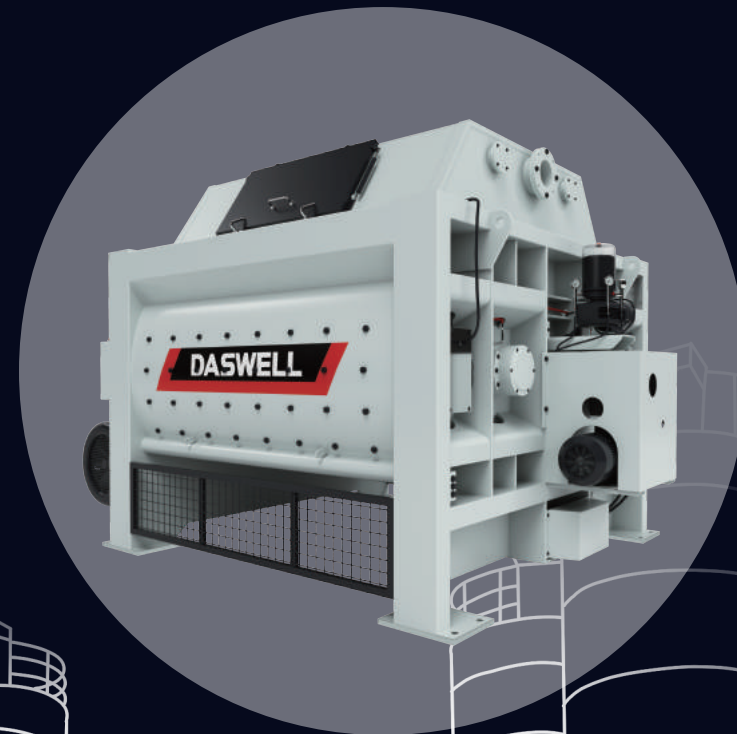
Mixing system

■ 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.



N_{0.2}

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;



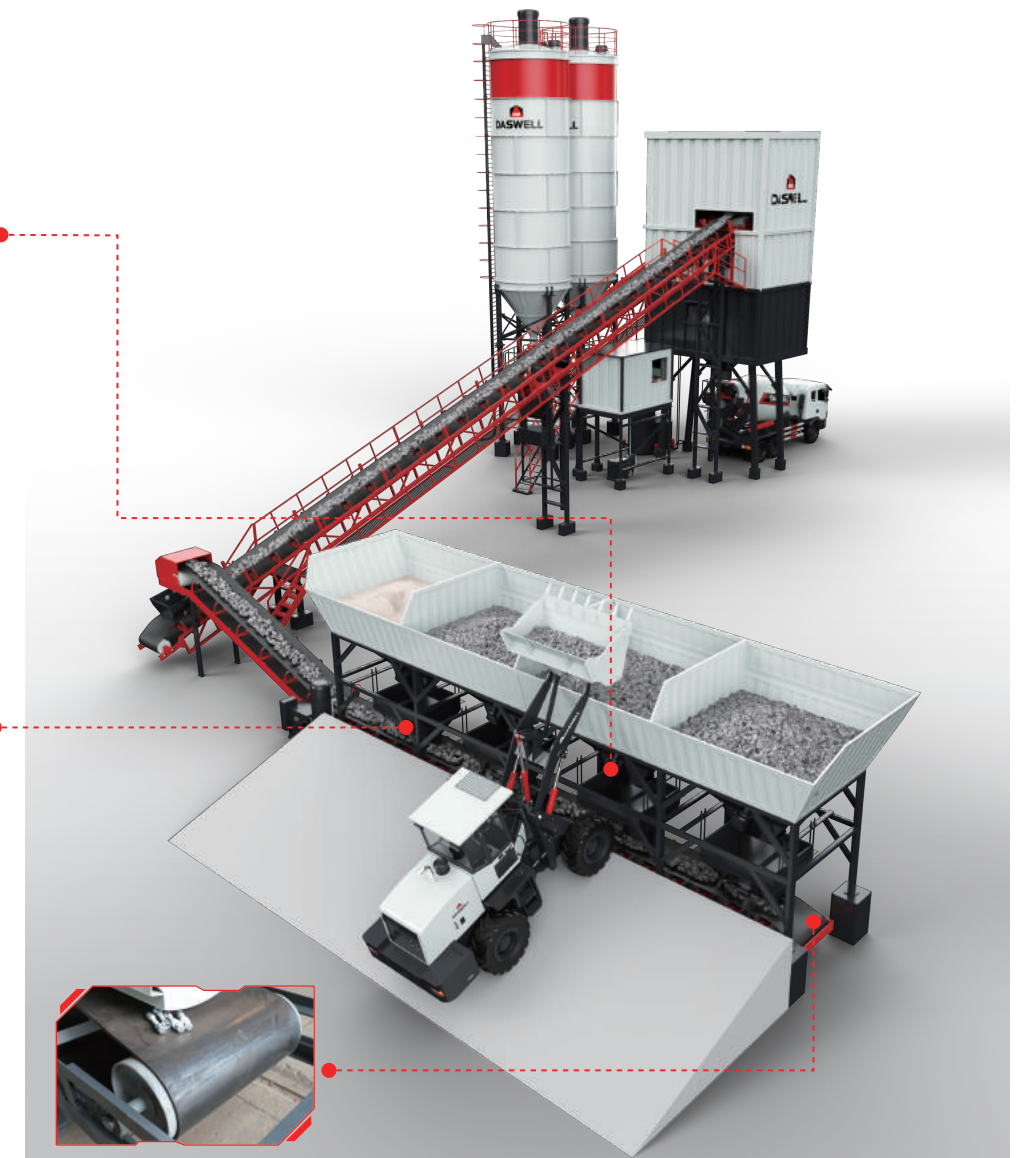
■ Accurate measurement

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.



N_{0.3}

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.



N_{0.4}

Powder system

■ Cement silo

Adopt cement silos makes it easy to transport.

■ Screw Conveyor

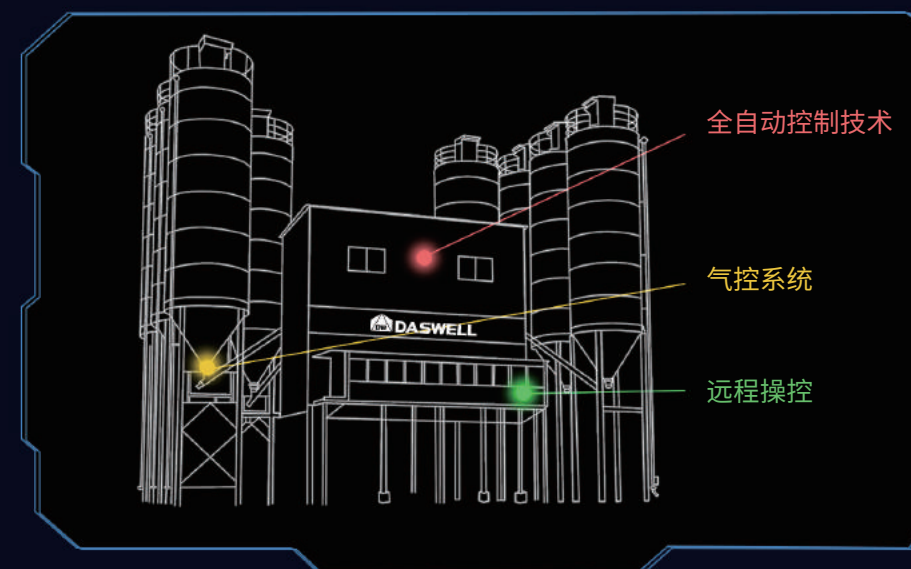
Small body diameter, high rotational speed, large conveying capacity and high precision.

N_{0.5}

Air control system

N_{0.6}

Intelligent Control System



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

■ Fully automatic control technology

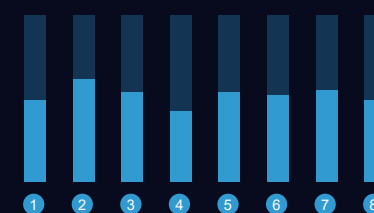
The equipment uses fully automatic computer control technology to monitor and automatically control the production process according to pre-stored ratio data, statistical tables, etc. to achieve standardized management.

■ Remote control

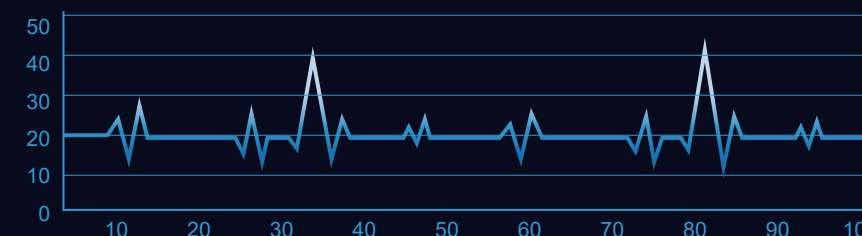
With remote control software, if meet problems could remotely control and assist customers in solving problems.



■ Real-time status monitoring display



■ Production record statistics



High quality parts

Creating high quality products



Dust Collector

The dust removal efficiency can reach more than 99%, which is a mature and perfect high efficiency dust removal equipment.



Inflatable boxes

Assists in the uniform discharging of powdery materials to increase product stability.



Safety valves

Release the pressure in the silo and the negative pressure to avoid damage to the silo.



Butterfly valves

Controls bulk solid powders such as cement, fly ash, lime, calcium carbonate, etc., mainly by cutting off and throttling the flow.



Material level meter

The detection device outputs a contact signal, according to which the loading can be started and the remaining material can be predicted.



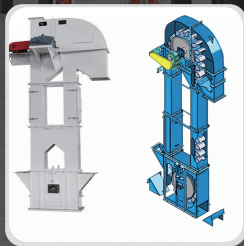
Flow aid air cushion

Effectively prevent the material from bridging, blocking and piling up in the process of moving, and give a slight airflow impulse to the material at intervals, which can effectively improve the smoothness of material movement.



Conveying equipment

Short distance conveying is usually carried out with screw conveyors, while long distance conveying is usually carried out with pneumatic conveying systems.



Elevators

Conveyor for continuous lifting of loose or broken materials. Simple structure, small footprint, large lifting height, smooth working, low noise and fast speed.

Main specification:

Daswell Stationary Concrete Plant

Fixed batching plant parameters									
Model	CBP25	CBP35	CBP50	CBP75	CBP60	CBP90	CBP120	CBP180	CBP240
Capacity(m³/h)	25	35	50	75	60	90	120	180	240
Mixer	JS500	JS750	JS1000	JS1500	JS1000	JS1500	JS2000	JS3000	JS5000
Aggregate batching machine	PLD800	PLD1200	PLD1600	PLD2400	PLD1600	PLD2400	PLD3200	PLD4800	PLD6400
Discharge height (m)	3.8	3.8	3.8	3.8	4	4	4	4	4
Cycle Time (s)	72	72	72	72	60	60	60	60	60
Weighing accuracy (%)	Aggregate	±2	±2	±2	±2	±2	±2	±2	±2
	Cement	±1	±1	±1	±1	±1	±1	±1	±1
	Water	±1	±1	±1	±1	±1	±1	±1	±1
	Additive	±1	±1	±1	±1	±1	±1	±1	±1

Construction Cases I

Daswell Stationary Concrete Plant



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

1986-2022

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 unrelenting 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.

