CONCRETE BATCHING PLANT

HANGZHOU JUSHENG
MACHINERY & EQUIPMENT CO.,LTD.

Tel: +86 571 88128581
Fax: +86 571 88128591
Email: sales@dongkunchina.com
Web: www.dongkunchina.com
www.batchingplantchina.com

www.batchingplantchina.com

www.dongkunchina.com



CONCRETE BATCHING PLANT

杭州聚昇机械设备有限公司
HANGZHOU JUSHENG MACHINERY AND EQUIPMENT CO.,LTD

INTRODUCTION

Hangzhou Jusheng Machinery & Equipment Co.,Ltd started with DKTEC brand by Mr. Linder Lee who has been in concrete industry for more than 20 years. The business began with concrete batching plant for sale in Indonesia and expands the business as supplier of many equipment to ready-mix industry section. The company has an advantage over its competitors in professional customized design, localized services as far as possible and spare parts for all the ready-mix equipment.

FOCUS ON
DEVELOPMENT,
QUALITY,
QUICK ACTION,
TO ACHIEVE
CUSTOMER
SATISFACTION
& LONG-TERM
COOPERATION



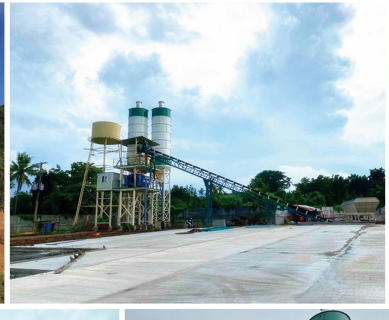
















www.batchingplantchina.com

FACTORY 1



In 2017, we carried out in-depth cooperation with the factory, and became a real partner by becoming a shareholder . Our factory is an OEM for famous Chinese brands such as Sany, zoomlion. There are 2 branch factories, Factory 1 mainly produce concrete batching plant



Professional R&D team with more than 200 national patents including invention patents



20,000 square meters of factory, processing aggregate batching equipment , concrete mixing platform and steel structure processing



Keep up with the development of technology, carry out the research and development and production of modular concrete mixing plants



All mobile concrete mixing plant must be tested in the factory

FACTORY 2

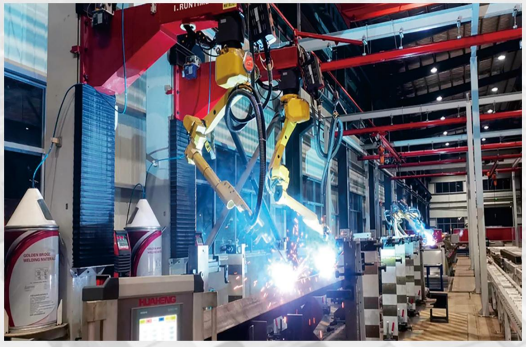


Factory 2 is mainly for the belt feeding system, and also produces the belt conveyor for concrete batching plant. The highly intelligent process makes the product more accurate, more efficient and more perfect.





The 60,000-square-meter factory is managed and standardized according to the 6S standard



A 100,000-meter belt conveyor production line integrating CNC punching and shearing and robot automatic welding functions



Large box robot intelligent welding line

DKTEC

Mobile Concrete Batching Plant

Performance Characteristics

1. The installation & disassembly is convenient and rapid, Integral movement by trailer is flexible, Easy storage management
2. Compact structure and small occupied area, sample installation foundation
3. High degree of automation, sample operation, small investment and quick effect, suit for mobile construction such as road and railway, bridge, port, water-power construction

Mobile Concrete Mixing Plant-HZSY Series

Item	HZS25Y	HZS35Y	HZS60Y	HZS90Y	HZS120Y
Theoretical Productivity	25 m³/h	35 m³/h	60 m³/h	90 m³/h	120 m³/h
Installed Capacity	60 kW	65 kW	100 kW	120 kW	160 kW
Nominal Capacity	500 L	750 L	1000 L	1500 L	2000 L
Unloading Height	⩾3.8 m	⩾3.8 m	⩾3.8 m	⩾3.8 m	⩾3.8 m
Sandstone Measuring Range And Accuracy	(200-1000)kg ±2%	(300-1500)kg ±2%	(400-2000)kg ±2%	(600-3000)kg ±2%	(800-3500)kg ±2%
Cement Measuring Range And Accuracy	(50-300)kg ±1%	(80-400)kg ±1%	(100-600)kg ±1%	(150-800)kg ±1%	(200-1000)kg ±1%
Water Measuring Range And Accuracy	(30-100)kg ±1%	(50-150)kg ±1%	(60-200)kg ±1%	(100-300)kg ±1%	(120-400)kg ±1%
Additive Measuring Range And Accuracy	(0-10)kg ±1%	(0-10)kg ±1%	(5-20)kg ±1%	(10-30)kg ±1%	(15-35)kg ±1%



DKTEC

Engineering Concrete Batching Plant

Performance Characteristics

1. The whole machine is modularly designed, pre-installed and shipped in the factory, and can be installed on site in a modular manner, so as to achieve rapid installation and relocation.
2. It is suitable for different sites, different backstage layouts, different discharging directions, multiple powder silo groups, and various high-grade concrete production.
3. Optional steel structure foundation.

Engineering Concrete Batching Plant-HZSG Series

Item	HZS60G	HZS90G	HZS120G	HZS180G
Theoretical Productivity	60 m³/h	90 m³/h	120 m³/h	180 m³/h
Installed Capacity	100 kW	190 kW	210 kW	250 kW
Nominal Capacity	1000 L	1500 L	2000 L	3000 L
Unloading Height	⩾3.8 m	⩾3.8 m	⩾3.8 m	⩾3.8 m
Sandstone Measuring Range And Accuracy	(600-2500)kg ±2%	(600-2000)kg ±2%	(600-2000)kg ±2%	(900-3000)kg ±2%
Cement Measuring Range And Accuracy	(100-700)kg ±1%	(200-1200)kg ±1%	(200-1200)kg ±1%	(300-1800)kg ±1%
Water Measuring Range And Accuracy	(80-250)kg ±1%	(150-400)kg ±1%	(150-400)kg ±1%	(200-800)kg ±1%
Additive Measuring Range And Accuracy	(8-20)kg ±1%	(15-50)kg ±1%	(15-50)kg ±1%	(15-80)kg ±1%
Mixing Powder Measuring Range And Accuracy		(200-800)kg ±1%	(200-800)kg ±1%	(200-1000)kg ±1%



DKTEC

Commercial Concrete Batching Plant

Performance Characteristics

1. Integrate and apply more than 10 new intelligent technologies to achieve self-adaptation of the entire production process, greatly reduce manual intervention, and reduce operating skill requirements and labor intensity.
2. The modular design breaks down the equipment into independent prefabricated components, simplifies the on-site installation process, and makes installation easier and faster.

Commercial Concrete Batching Plant-HZS Series

Item	HZS120	HZS180	HZS240	HZS270	HZS300
Theoretical Productivity	120 m³/h	180 m³/h	240 m³/h	270 m³/h	300 m³/h
Installed Capacity	210 kW	250 kW	280 kW	350 kW	350 kW
Nominal Capacity	2000 L	3000 L	4000 L	4500 L	5000 L
Unloading Height	⩾3.8 m	⩾3.8 m	⩾3.8 m	⩾3.8 m	⩾3.8 m
Sandstone Measuring Range And Accuracy	(600-2000)kg ±2%	(900-3000)kg ±2%	(900-4500)kg ±2%	(900-5000)kg ±2%	(900-5000)kg ±2%
Cement Measuring Range And Accuracy	(200-1200)kg ±1%	(300-1800)kg ±1%	(400-2500)kg ±1%	(400-2600)kg ±1%	(400-2600)kg ±1%
Mixing Powder Measuring Range And Accuracy	(200-800)kg ±1%	(200-1000)kg ±1%	(200-1200)kg ±1%	(300-1800)kg ±1%	(300-1800)kg ±1%
Water Measuring Range And Accuracy	(150-500)kg ±1%	(200-800)kg ±1%	(200-1000)kg ±1%	(200-1200)kg ±1%	(200-1200)kg ±1%
Additive Measuring Range And Accuracy	(15-50)kg ±1%	(15-80)kg ±1%	(15-80)kg ±1%	(20-100)kg ±1%	(20-100)kg ±1%



DKTEC

Cement silo

Cement silo is mainly made of Q235 steel plant to store the cement. It have two types,bolted silo & welded silo,the capacity of silo is from 30t-1000t.



Specification

Model No.	Capacity	Silo diameter	Silo height
DKS50T	50T	3.2m	5.40m
DKS80T	80T	3.2m	10.00m
DKS100T	100T	3.2m	10.75m
DKS150T	150T	4.5m	14.60m
DKS200T	200T	4.5m	12.46m
DKS300T	300T	5m	14.32m

Selection Suggestions

Silo model	Plant capacity	Qty per plant
DKS100T	60m³/h	1-2
DKS100T	90m³/h	2-3
DKS100T	120m³/h	4
DKS200T	180m³/h	3-4
DKS300T	240m³/h	3-4

Accessory


Dust Collector


Butterfly Valve


Pressure Relief Valve


Level Indicator


Solenoid Valve


Manual Lever

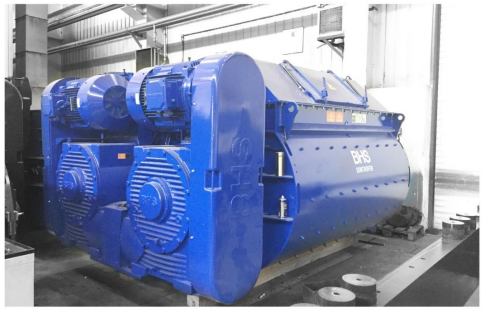

Aerator Pad


Electric Motor

DKTEC

Concrete Mixer

Concrete mixer is the main equipment for concrete batching plant.
Twin shaft compulsory concrete mixer & planetary concrete mixer are available.





Specification

Model No.	MSO2250/1500	MAO3000/2000	MAO4500/3000	DKXS1.67	DKXS2.25	DKXS3.0
Dry capacity	2250L	3000L	4500L	2510L	3380L	4500L
Output capacity	1500L	2000L	3000L	1670L	2250L	3000L
Motor power	2x30Kw	2x37Kw	2x55Kw	55Kw	65Kw	2x55Kw
Weight	5.6T	7.2T	9.6T	5.7T	8.1T	10.2T

Accessory


Gear Box


Bottom Wear Plant


Discharge Gate Assembly


Wall Wear Plant


Mixing Arm


Mixing Balde


Greasing Pump


Skeleton Oil Seal

Selection Suggestions

Plant capacity	60m³/h	90m³/h	120m³/h	180m³/h	240m³/h
Mixer output capacity	1000L	1500L	2000L	3000L	4000L

DKTEC

Cement screw conveyor

Cement screw conveyor is used to transfer the cement from the siol to the concrete mixer,according to the capacity of the plant,the size of srew can be made from ϕ168 toϕ407, the inclination degree can be customized.



Specification	ϕ 219 40t/h	ϕ 273 80t/h	ϕ 323 110t/h	ϕ 407 170t/h
<6	2000/7/5.5	2000/7/11	3000/10/15	3000/10/18.5
<7	2000/7/7.5	2000/7/11	3000/10/15	3000/10/22
<8	2000/7/7.5	2000/7/11	3000/10/18.5	3000/10/22
<9	2000/7/11	2000/7/15	3000/10/18.5	3000/10/30
<10	2000/7/11	2000/7/15	3000/10/22	3000/10/30
<11	2000/7/11	3000/7/15	3000/10/22	3000/10/30
<12	2000/7/11	3000/7/15	3000/10/22	3000/10/30

Remark:
1."2000"for the model No. of the gearbox,"7" for the reduction ratio,"5.5"for the motor power
2. Standard motor: 380V.50Hz,1450rpm

Selection Suggestions

Plant capacity	Cement screw diameter	Qty per plant
60m³ /h	ϕ 219	1-3
90m³ /h	ϕ 219	2-3
120m³ /h	ϕ 219+273	2+2
180m³ /h	ϕ 273	3-4
240m³ /h	ϕ 323	3-4

※ All the configuration can be customized

Accessory


Electric Motor


Gear Box


End Coupling


Hanger Bearing

DKTEC

Belt conveyor

Belt conveyor is used to weigh and conveyor the sand & aggregate to the concrete mixer.including weighing conveyor belt and inclined feeding belt,the inclination degree can be varied upon the type of belt and design.





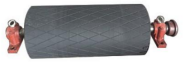
Specification

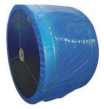
Belt width(mm)	Power	Speed	Capacity
B800	15kw	2.0m/s	400-600t/h
B800	30kw	2.0m/s	400-600t/h
B1000	37kw	2.5m/s	600-900t/h
B1000	45kw	2.5m/s	600-900t/h

Accessory


Bearing Seat


Conveyor Idler


Drum Roller


Rubber Belt


Gear Box


Side Roller


Return Idler


Electric Motor

Selection Suggestions

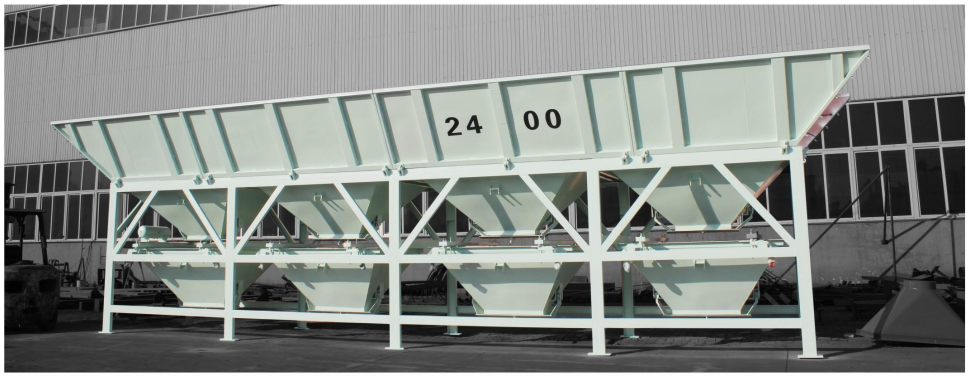
Plant capacity	60m³/h	90m³/h	120m³/h	180m³/h	240m³/h
Conveyor belt width	B800	B800	B1000	B1000	B1200

※ All the configuration can be customized

DKTEC

Aggregate batching system

Aggregate batching system is batcher mixer with the belt conveyor,equipment with cylinder & cell load to weigh and conveyor the raw material to get the expected mixing ratio.



Specification

Model no.	PLD1600	PLD2400	PLD3200	PLD4800	PLD6400
Capacity of weighing hopper(m³)	1x2.40	1x3.60	4x2.00	4x2.50	4x3.50
Capacity of storage hopper(m³)	4x13	4x16	4x25	4x30	4x35
Accuracy of batching	±2%	±2%	±2%	±2%	±2%
Max weighing(kg)	2500	3000	3000	4500	5000
Material species of batching	4	4	4	4	4
Belt conveyor speed(m/s)	1.6	1.6	2	2	2
Power(kw)	11	15	11	11	15

Accessory


Air Compressor


Vibrator


Air Cylinder


Treatment Dyad


Load Cell


Air Storage Tank

Selection Suggestions

Batcher model	Plant capacity
PLD1600	60m³/h
PLD2400	90m³/h
PLD3200	120m³/h
PLD4800	180m³/h
PLD6400	240m³/h

※ All the configuration can be customized