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Concrete Batching Plant

Zhengzhou
SINOSUN
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CO.,LTD



传送带式混凝土搅拌站

BELT CONVEY TYPE CONCRETE BATCHING PLANT



Main Features

Stability and Durability: Adapt and apply the most advanced technologies around the world.

Reliability: 20 years of experiences in manufacturing concrete batching plants.

Stationary modular structure, fast and easy installation. SICOMA mixer, excellent mixing performance with high efficiency and high productivity.

Excellent environmental protection, dust collection system and anti-noise design.



Excellent Mixing Performance :

1. Horizontal twin-shaft compulsory mixer has the strong mixing ability with uniform mixing and high production output.
2. The wear resistance of the mixing paddles saves time and cost to replace, and at the same time, improves the machines durability and reliability.
3. The greasing system, which is controlled by central control system, lubricates the greasing points at the fixed position, fixed time and fixed quantity.
4. Decelerating system uses high-speed, synchronized, and closed planetary decelerators.
5. The opening of discharge gate can be adjusted by hydraulic system as per specific requirements.

Technical Parameters

Model		HZS60	HZS90	HZS120	HZS180	HZS240
Mixer	Productivity	60m³/h	90m³/h	120m³/h	180m³/h	240m³/h
	Type	JS1000	JS1500	JS2000	JS3000	JS3000
	Power	2*22KW	2*30KW	2*37KW	2*55KW	2*75KW
	Output	1m³	1.5m³	2m³	3m³	4m³
	Aggregate Diameter	≤80mm	≤80mm	≤120mm	≤150mm	≤150mm
Batching Hopper	Hopper Volume	13m³	15m³	20m³	25m³	30m³
	Hopper Quantity	3	4	4	4	4
Belt Conveyor Capacity		300t/h	450t/h	550t/h	650t/h	1000t/h
Weighing Scope and Accuracy	Aggregate	2400kg±2%	4*2000kg±2%	4*2200kg±2%	4*3600kg±2%	4*4500kg±2%
	Cement	600kg±1%	900kg±1%	1200kg±1%	1800kg±1%	2400kg±1%
	Fly-ash	200kg±1%	300kg±1%	400kg±1%	600kg±1%	800kg±1%
	Water	250kg±1%	400kg±1%	500kg±1%	800kg±1%	1000kg±1%
	Admixture	1*30kg±1%	2*30kg±1%	2*50kg±1%	2*50kg±1%	2*80kg±1%
Total Power		92KW	120KW	140KW	190KW	230KW
Discharge Height		≥3.8m	≥3.8m	≥3.8m	≥4m	≥4m

Note: 1. The total power excludes the power of screw conveyor; 2. The quantity and volume can be designed as required; 3. All above specifications are subject to final produces.

斗提式混凝土搅拌站

SKIP HOIST TYPE CONCRETE BATCHING PLANT

Skip hoist type concrete batching plant has wide application in industrial concrete mixing projects where temporary production requires ±2% error on concrete.

The concrete batching plant has characteristics of less land occupation, easy maintenance, easy installation and simple operation, so it is much more popular on the market, which is a smart investment.

In China, we use cement, additive, water, sand, pebble, etc as raw materials, through loading, conveying, storing, batching, weighing, mixing and unloading, can produce finished concrete that meets quality requirements.



Technical Parameters

Model	HZS25	HZS35	HZS50	HZS75
Theoretical Output	25m³/h	35m³/h	50m³/h	75m³/h
Mixer Model	JS500	JS750	JS1000	JS1500
Output Per Batch	0.5m³	0.75m³	1m³	1.5m³
Aggregate Batcher	PLD800	PLD1200	PLD1200	PLD2400
Total Power	27KW	35KW	80KW	110KW
Aggregate Weighing Accuracy	(0-1500)kg±2%	(0-2250)kg±2%	(0-2500)kg±2%	(0-4000)kg±2%
Cement Weighing Accuracy	(0-300)kg±1%	(0-400)kg±1%	(0-500)kg±1%	(0-800)kg±1%
Water Weighing Accuracy	(0-200)kg±1%	(0-300)kg±1%	(0-300)kg±1%	(0-500)kg±1%
Fly Ash Weighing Accuracy	(0-300)kg±1%	(0-300)kg±1%	(0-300)kg±1%	(0-500)kg±1%
Additive Weighing Accuracy	(0-40)kg±1%	(0-40)kg±1%	(0-40)kg±1%	(0-50)kg±1%
Discharging Height	3.8-4.1m			
Max Aggregate Size	60mm	60mm	80mm	80mm
Cement Silo and Screw Conveyor	On Request			
Total Weight	20Ton	25Ton	35Ton	45Ton
Overall Dimension(L*W*H)	11.5*5.8*19.4m	12*6*19.4m	20.5*7.5*19.4m	25.9*9.2*19.4m

移动式混凝土搅拌站

MOBILE CONCRETE BATCHING PLANT

YHVS series mobile concrete batching plants have adopted advanced technologies both domestic and overseas, and combined with years of production experiences. Our company designed this new type of mobile concrete batching station, which is the most ideal type domestic, and has a compact structure and rational design.

The mobile concrete station achieved all the function on the basis of semi-trailer chassis: combined control system, liquid tank transportation, aggregate batching, electronic weighing, mixing and lifting together, which is convenient for transportation and installation.

The equipment can be used in roads, bridges, dam, and airport constructions, precast factories, commercial concrete production.



Main Features

Semi-trailer chassis is adopted, and it only needs vehicle to drive the station, so this machine can be used as a semi-trailer.

The speed is accelerated, can be 60-80km/h. The chassis adopt the reinforced steel to ensure the high speed.

Sample, convenient and can be used forever after its installation.

Low cost (a. low construction cost, b. low dismantling cost, c. low transportation cost).



Technical Parameters

Model	YHVS25	YHVS35	YHVS50/60	YHVS75
Output Capacity	25m³/h	35m³/h	50-60m³/h	75m³/h
Overall Power	40KW	60KW	85KW	105KW
Discharge Height	3.8m			
Max.hauling Speed	40km/h			
Warranty	13 months after commissioning			
After-sale Service	Guidance on erecting, commissioning and operator training, 24/7 technical assistance afterwards			
Concrete Mixer	JS500	JS750	JS1000	JS1500
Motor Power	18.5KW	30KW	18.5KW*2	30KW*2
Max. Aggregate Diameter	80mm			
Aggregate Batcher	PLD800	PLD1200	PLD1600	PLD2400
Aggregate Weighing Precision	±2%			
Aggregate Feeder	Belt Conveyor			
Other Scale Scope	Cement	±1%		
	Water	±1%		
	Additive	±1%		
Control System	Auto Computer Control, 1 Set			
Pneumatic System	1 Set			

双卧轴搅拌机

TWIN SHAFT CONCRETE MIXER

JS series concrete mixer is twin-shaft compulsory mixer. Not only it can work independently, but also it can be adopted as the mixer in the high-end concrete batching plant.

It has the advantages of high efficiency, good mixing, compact structure, novelty appearance, easy to install, no leakage problem, less maintenance work, etc, it has won good reputation from our customers.



Main Features

Shaft ends multi seal protection and air purge seal protection to efficiently prevent leakage.

Mixer monitoring system to monitor working conditions of gearbox, discharge door pump, and electronic lubrication pump.

Special electronic lubrication pump, 4 separate independent pump cores for direct oil feeding without dividing valve.

Multi-pipe water spraying system to ensure even water distribution.

Adopt famous brand reducer, long service life, low noise, no leak.

Technical Parameters

Item	Charging Capacity	Discharging Capacity	Productivity	Aggregate Size (Cobble/Gravel)	Overall Dimension (L*W*H)	Discharging Height
JS500	800L	500L	25m³/h	80/60mm	4486*3030*5280mm	1500mm
JS750	1200L	750L	35m³/h	80/60mm	5100*2250*6700mm	1500/2700/3800mm
JS1000	1600L	1000L	50m³/h	80/60mm	8765*3436*9540mm	2700/3800mm
JS1500	2400L	1500L	75m³/h	80/60mm	9645*3436*9700mm	3800/4100mm
JS2000	3200L	2000L	100m³/h	80/60mm	3500*2320*1677mm	3800/4100mm
JS3000	4800L	3000L	150m³/h	80/60mm	3990*2600*1700mm	4100mm
JS4000	6400L	4000L	200m³/h	120/100mm	4450*3050*2380mm	4100mm

自上料搅拌罐车

SELF-LOADING MIXER TRUCK

Main Features

Auto Weighting Scale system

Drum Bottom lifting up for increasing speed of discharging concrete

High pressure water pump for cleaning machine (Optional)

270 degrees discharge angle

Articulated Steering Mode



Technical Parameters

Model	PSL1500	PSL2600	PSL3500	PSL3500
Drum Capacity	2500L	3900L	5400L	6000L
Discharge Capacity	1500L	2600L	3500L	4000L
Rated Power	55KW	76KW	92KW	95KW
Transmission	4 Wheel Drive, 2 Steering			
Fuel Tank	95L	105L	155L	175L
Total Hydraulic System Capacity	95 Liters	105 Liters	115 Liters	120 Liters
Water Tank	380L	650L	850L	950L
Overall Dimensions(L*W*H)	6100*2300*2490	7400*2400*3200	7100*2350*3560	7400*2500*3400
Curb Weight	4800KG	6500KG	7500KG	7500KG
Drum Rotate	/	270°	270°	270°

混凝土搅拌站 CONCRETE BATCHING PLANT

Concrete batching plant is a combinational device used to mix concrete in centralized. There are many different types and components of the concrete batching plants, the basic structure includes: feeding system, measuring (weighing) system, mixing system, electrical system and auxiliary equipment (such as air compressor, water pump etc.).

They are used to transport, feed, store, batch, weigh, mix and discharge the concrete raw materials: cement, water, sand, crushed stone, admixture and additive.

SINOSUN concrete batching plants features fully automatic, compact structure, adequate capacity, etc. While mobile concrete batching plants are popular for its easy transportation and operation.

You could always get excellent concrete batching and mixing plants for the precast concrete, concrete block and paver at competitive price from us.



工程案例 ENGINEERING CASE



The concrete batching plants produced by SINOSUN company have involved many national key projects, such as highway construction, port construction.

Our concrete batching plants are not popular at home but also export to all over the world. We can also design concrete plants according to your individual requirements on the base of our highest quality standards. We would like to be helpful in your future business success.

Contact us now with your particular concrete plant specifications, we are at your service at any time.

