

Bona HZS120 Concrete Batching Plant

- Capacity:120m3/h
- Max Aggregate Size:60/80 mm
- Discharging Height:3800 mm
- Total Power:120KW
- Total Weight:80Ton
- Total Dimensions:41600× 12700× 19400 mm

■ Description of Bona HZS120 Concrete Batching Plant:

HZS series of Concrete Batching Plants is developed by our company on the basis of adopting the world's sophisticated technologies, this [concrete mixing batch plant](#) have been widely used in the domestic and overboard, as well as earned a perfect reputations in the construction field, we have dedicated in manufacturing concrete mixing plant for many years.

■ Features of Bona HZS120 Concrete Batching Plant:

1. Driving system adopts planetary gear, the gimbals transmission shaft insures circumgyrate at the same speed
2. With its modularization structure, it is easy to transport, install and debug more quickly.
3. Mixing system choose the spiral mixing system , which has high efficiency , scale board and mixing blades adopts high-rigidity and high tenacity wearable case alloy steel, to prolong the working life.
4. Aggregate lifting appliance adopts frequency control, thus providing smooth and reliable operation.
5. Lubrication system adopts advanced centralized oil lubricating system, convenient for oil supplying, this system is equipped with overvoltage warning and low oil level warning, safe and reliable
6. PC+PLC control system ensures the high reliability.
7. With its virtue of precise computation, it can meet the requirement of every high performance concrete.
8. Human-based intelligent control facilitates the operation greatly.
9. Structural members are durable, and most electric elements adopt world famous brands.



■ Application of Bona [concrete batching mixing plant](#) :

Available for many applications, this stationary concrete batching plant is widely used for water conservancy ,electric power, railroad, road, tunnel , the arch of bridge, harbor-wharf and the national defense-project etc..

■ Technical Data of Bona HZS120 Concrete Batching Plant:

Model	HZS120(Belt type concrete batching plant)
Capacity	120m³/h
Mixing system	Twin-shaft concrete mixer
Aggregate feeder	Belt conveyor
Discharging height	3900mm
After-sale service	Erection & commissioning, operator training
Warranty	12 months after erection
Concrete mixer Model & Quantity	YJS2000 Concrete Mixer, 1 unit
Discharging volume	2000L
Charging volume	3200L
Mixing cycle	60s
Max. mixing size	100/80mm
Aggregate batching machine Model & Quantity	PLD3200, 1 unit
Storage bins quantity	4 sorts
Aggregate scale hopper	3200L
Aggregate feeding to mixer by	Belt conveyor
Measurement precision	± 2%
Weighing system Principle & Quantity	Force sensor, 1 set
Water weighing precision	± 1%
Cement weighing precision	± 1%

Additive weighing precision	± 1%
Fly ash weighing precision	± 1%, Optional parts
Control system Type & Quantity	Computer auto-control, 1 set
Control panel board	Buttons, lights, meters, etc
PLC brand	SIEMENS/SCHNEIDER
Control panel board	Buttons, lights, meters, etc
Electric components	Relays, contactors, etc
Control cabin Size & Quantity	≈ 10m², 1 unit
Air conditioner	1 unit
Printer brand	OKI/PANASONIC/EPSON
Computer with control software	1 unit
Industrial monitor system	1 set
Uninterrupted Power Supply (U.P.S)	1 set
High-pressure air system Quantity	1 set
Air compressor	1.0MPa
Oil-water separator	2 units
Solenoid valve	2 sets
Air tank	1 unit
Documentation	1 set
Spare Parts	1 set

Concrete Foundation Projects / Design	1 unit
Operation Guide	1 unit
Maintenance Guide	1 unit
Electrical Diagram	1 unit
Cement storage and feeding system	Optional parts
Screw conveyor diameter	273/325mm
Cement silo capacity	80t/100t
Outer plant pack except belt aggregate bins	Optional parts
Material & Description	Laminboard, thickness: 50-75mm
Dust collector	1 unit
External color painted	WHITE (or others)
Axial flow fan	2 units
Doors Windows	1 set