

Bona HZS90 Concrete Batching Plant

- Capacity: 90m³/h
- Max Aggregate Size: 60/80 mm
- Discharging Height: 3800 mm
- Total Power: 110KW
- Total Weight: 60Ton
- Total Dimensions: 38500× 12000× 19400 mm

■ Description of mini concrete mixing plant:

[Mini concrete mixing plant](#) is developed by our company on the basis of adopting the world's sophisticated technologies, this concrete mixing 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 HZS90 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.

■ Technical Data of Bona HZS90 Concrete Batching Plant:

Model	HZS90 (Fixed concrete batching plant)
Capacity	90m ³ /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	YJS1500 Concrete Mixer, 1 unit
Discharging volume	1500L
Charging volume	2250L
Mixing cycle	60s
Max. mixing size	100/80mm
Aggregate batching machine Model & Quantity	PLD2400, 1 unit
Storage bins quantity	4 sorts
Aggregate scale hopper	2400L
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%

Control system Type & Quantity	Computer auto-control, 1 set
PLC brand	SIEMENS/OMRON
Control panel board	Buttons, lights, meters, etc
Electric components	Relays, contactors, etc
Control cabin Size & Quantity	≈9m², 1 unit
Air conditioner	1 unit
Printer brand	OKI/PANASONIC/EPSON
Computer with control software	1 unit
Industrial monitor system	Optional parts
Uninterrupted Power Supply (U.P.S)	Optional parts
High-pressure air system Quantity	1 set
Air compressor	0.8MPa
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	273mm
Cement silo capacity	60t/80t/100t
Outer plant pack except belt & aggregate bins	Optional parts