

Bona HZS150 Concrete Batching Plant

- **Capacity: 150m³/h**
- **Max Aggregate Size: 60/80 mm**
- **Discharging Height: 4200 mm**
- **Total Power: 228KW**
- **Total Weight: 100Ton**
- **Total Dimensions: 45000× 17000× 20000 mm**

■ Description of Bona HZS150 Concrete Batching Plant:

HZS series of concrete mixing plant is developed by our company on the basis of adopting the world's sophisticated technologies, this [diesel concrete mixer](#) 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 HZS150 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, [twin shaft concrete mixer](#) 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 HZS150 Concrete Batching Plant:**

Capacity: 150 m³/h

Mixing Time: 60S

Max Aggregate Size: 60/80 mm

Discharging Height: 4200 mm

Total Power: 228 KW

Total Weight: 100Ton

Total Dimensions: 45000×17000×20000 mm.

1. MIXING SYSTEM

Twin Shaft Concrete Mixer: JS3000

Volume: 4800L

Capacity: 3000L

Mixing Blade: 2×10 pcs

Mixing Speed: 21.85 r/min

Mixer Motor: 2×55kw

Weight: 11450kg

Dimensions: 4220×2620×1910mm

2. AGGREGATE SYSTEM

2.1 Aggregate batcher: PLD4800

Volume: 4×15m³

Capacity: 288 m³/h

Power: 15kw

Weight: 15000 kg

Dimension: 15520×3900×5059mm

2.2 Aggregate belt conveyor: 1 unit

Belt width: 1000 mm

Belt speed: 2 m/s

Power of Motor: 37 kw

3. CEMENT SYSTEM (OPTIONAL)

3.1 Cement silo: 4 units

Capacity: $100t \times 4 = 400t$

Silo Diameter: $\Phi 3000$

3.2 Cement Screw Feeder: 4 units

Diameter: $\Phi 273mm$

Length: 15m

4. ADDITIVE SYSTEM (OPTIONAL)

Additive silo Capacity: 1m³

Pneumatic Valve: $\Phi 50$ mm

Pump: 2 \times 3kw

5. WATER SYSTEM

Motor Power: 7.5 kw

Butterfly Valve: $\Phi 150$ mm

Capacity: 150m³/h

6. AIR SYSTEM

Air Compressor: 1unit

Power: 11 kw

Pressure: 1.0 Mpa

Air flow: 1.2m³/min

7. WEIGHING SYSTEM

7.1 Aggregate Weighing: 1 unit

Weighing Capacity: 5000kg

Precision: $\pm 1\%$

7.2 Cement Weighing: 1 unit

Weighing Capacity: 1500kg

Precision: $\pm 1\%$

7.3 Water Weighing: 1 unit

Weighing Capacity: 800 kg

Precision: $\pm 1\%$

7.4 Additive Weighing: 1 unit

Weighing Capacity: 50 kg

Precision: $\pm 1\%$

8. CONTROL SYSTEM

PLC command and control operation .

Main electrical components : SCHNEIDER or SIMENSE

17' ' colorful computer

Manuel and Auto Control is freely changeable .