



**HZS90G**  
**CONCRETE BATCHING PLANT**

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## 4 CORE SUPERIORITY

### High-performance mixer, high-efficiency mixing

- ◆ Core patented shaft end sealing technology, automatic compensation, reliable sealing, easy maintenance with lower cost
- ◆ Interrupted spiral arrangement of stirrer, large axial circulation, small radial circulation, central vortex stirring, three-way mixing and boiling type mixing, increasing efficiency by 20%
- ◆ Optimal L/D ratio design, equipped with curved large opening discharge door, short discharge time, 3s less mixing time.



### SYMC controller, safe and reliable

- ◆ Multi-language operation interface
- ◆ Distributed network architecture or the entire control system with full digital transmission
- ◆ The upper computer and lower computer communicate through Ethernet, with a speed of 100000kbps



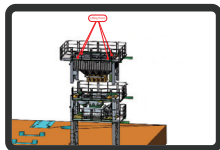
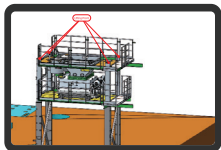
### Adaptive learning, ensuring high accuracy

- ◆ Multi-gear and multi-speed aggregates, adaptive adjustment of each weighing mode and control curve
- ◆ Self-learning algorithm for weighing parameters, with automatic correction of dropout
- ◆ Self-learning water retaining advance, combined with jittering water retaining technology



### Modular design, fast installation and disassembly

- ◆ Pre-installation of all electrical elements and pipelines, reducing the installation workload on site
- ◆ The main building is designed according to the standard container size, optimizing the maintenance space under the condition of occupying the least packing space.



## COMPACTED SKIP BATCHING PLANT

### Covering less space

Covering less space, less civil work cost

### Easy to install

Comparing to inclined belt batching plant, skip batching plant is much faster to install

### High extensibility

It can be used as commercial batching plant and project batching plant

## TECHNICAL SPECIFICATIONS

Model	HZS90G
Theoretical productivity (m <sup>3</sup> /h)	90
Motor power (kW)	2×30
Nominal capacity of mixer (L)	1500
Max. aggregate size (mm)	80
Silo capacity (t)	2×100
Aggregate capacity (m <sup>3</sup> )	3×10
Category of aggregate	3
Discharging height (m)	3.8
Rated power (kW)	135
Aggregate metering accuracy	(900~3000)±2%
Cement metering accuracy	(200~1200)±1%
Fly-ash metering accuracy	/
Water metering accuracy	(100~400)±1%
Additive metering accuracy	(15~50)±1%
Feeding mode	Skip
Reference weight (t)	43.5

Remarks:

When assessing the dynamic accuracy of concrete materials, the batching amount shall be between 30% and 100% of full measuring range of corresponding batch weigher in accordance with national standards.