



HZS120TC10
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



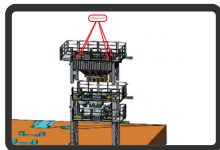
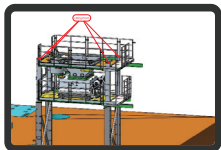
Adaptive learning, ensuring high accuracy

- ◆ 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	HZS120TC10
Theoretical productivity (m ³ /h)	120
Motor power (kW)	2×37
Nominal capacity of mixer (L)	2000
Max. aggregate size (mm)	80
Silo capacity (t)	4×200
Aggregate capacity (m ³)	4×17
Category of aggregate	4
Discharging height (m)	3.8
Rated power (kW)	235
Aggregate metering accuracy	(900~5000)±2%
Cement metering accuracy	(200~1200)±1%
Fly-ash metering accuracy	(200~800)±1%
Water metering accuracy	(100~400)±1%
Additive metering accuracy	(30~50)±1%
Feeding mode	Skip
Reference weight (t)	83

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.