



Container Concrete Batching Plant

The container concrete batching plant (also known as a containerized concrete mixing plant) is an innovative, modular concrete production equipment designed for modern construction needs. Formatted to standard sea container dimensions (20ft or 40ft), it offers the perfect balance of high productivity, extremely low transportation costs, and fast mobilization. Fully enclosed for dust and noise reduction, it is the ideal choice for urban construction, hydroelectric projects, and remote sites with strict environmental requirements.



Key Features & Advantages

- **Standard Containerized Design (Minimal Shipping Cost):** All main modules—mixer, weighing system, and control room—are built into ISO standard container frames. This eliminates the need for break-bulk shipping, drastically reducing maritime freight costs across the world.
- **Plug-and-Play Quick Installation:** The modular plug-in design requires minimal foundation work. Once on-site, the plant can be assembled, wired, and ready for production in just 3 to 7 days, significantly shortening your project preparation period.
- **Ultimate Eco-Friendly Performance:** The fully enclosed container structure provides exceptional insulation against noise and dust emissions. Supported by a high-efficiency pulse dust collector, it totally meets strict environmental protection standards for urban and residential projects.
- **Compact Footprint (Space-Saving):** The vertical integration of components means this container batching plant requires significantly less land area compared to traditional stationary concrete plants.
- **Intelligent PLC Control System:** Equipped with an advanced dual-computer synchronized control system, it ensures precise weighing, automatic fault diagnosis, and simple operation, preventing material waste.

Technical Specifications

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Model	[CHZS-60]	[CHZS-90]	[CHZS-120]
Theoretical Capacity	60 m ³ /h	90 m ³ /h	120 m ³ /h
Mixer Model	JS1000	JS1500	JS2000
Batcher	PLD1600	PLD2400	PLD3200
Discharge Height	3.8m / 4.1m (Adjustable)	3.8m / 4.1m (Adjustable)	3.8m / 4.1m (Adjustable)
Total Power	~ 90 kW	~ 130 kW	~ 180 kW
Enclosure Type	20ft / 40ft Container	Standard Container	Standard Container

Wide Applications of Containerized Concrete Plants

Due to its modularity and enclosed nature, container concrete mixing plants are widely exported and used in:

- Urban Infrastructure: Where noise and dust pollution must be strictly controlled.
- Remote & Temporary Projects: Road construction, bridge building, and wind power projects where quick relocation is necessary.
- Precast Concrete Factories: Perfect for supplying high-quality concrete for PC (Precast Concrete) components indoors or outdoors.
- Extreme Weather Areas: The container shell protects the internal components from heavy rain, snow, and strong winds.

Why Choose HAOMEI Machinery?

As a leading concrete machinery manufacturer and exporter, Haomei Machinery has delivered reliable concrete batching plants to over 50 countries.

- CE & ISO Certified: Manufacturing processes comply with strict international standards.
- Customization Available: We modify hopper sizes, silo capacities, and control interfaces based on your local requirements.
- 24/7 Global Support: Localized after-sales service, spare parts availability, and online installation guidance.

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