和筑混凝土搅拌站
HEZHU CONCRETE BATCHING PLANT


HEZHU IMPRESSION

和筑印象(天津)集成房屋有限公司
HEZHU IMPRESSION(TIANJIN)INTEGRATED HOUSE CO.,LTD

No. 82, Xi'erdao, Airport Free Trade Zone, Tianjin, China
Service 400 816 1017
E-mail hezhugroup@163.com


Information of the Person in Charge


Due to continuous technological updates, technical specifications are subject to change without prior notice. Machines shown in images may include optional equipment.
Designed and produced by the Marketing Department of Hezhu Impression, March 2026.


HEZHU IMPRESSION

# 和筑混凝土搅拌站
## HEZHU CONCRETE BATCHING PLANT




和而不同 筑质恒远
Diverse in Harmony Enduring in Quality

www.hezhugroup.com.cn

# ENTERPRISE OVERVIEW

Hezhu Impression (Tianjin) Integrated Housing Co., Ltd. is an innovative leader in the integrated development of the construction and energy sectors (abbreviated as "Hezhu Impression"), founded in 2017.

Hezhu Impression's main business centers on the theme of "equipment and construction," covering the R&D, manufacturing, and sales of PC complete equipment, mixing equipment, and related extended products, as well as the R&D, design, construction, and turnkey delivery of prefabricated buildings. Over the years, through deep cultivation of the field, exploration and R&D, and continuous improvement of its layout, Hezhu Impression has developed into a provider of integrated building-energy solutions featuring "four integrations": integrated architectural design, modular equipment and housing, integrated auxiliary material supply, and systematized photovoltaic power stations.

In terms of product supply, to meet market development needs, Hezhu Impression has established production bases in different regions based on local industrial advantages: the Beijing-Tianjin-Hebei core development zone (Tianjin), the Northeast old industrial base (Liaoning), the convenient transportation network region (Shandong), the digitally advanced region (Zhejiang), the core industrial manufacturing region (Hunan), and the Guangdong-Hong Kong-Macao Greater Bay Area, a key national strategic region (Guangdong). These bases cover two major markets—prefabricated building components and photovoltaic power generation systems—to meet the needs of different types of customers and different regional markets.

Hezhu Impression adheres to the philosophy of "technological innovation integrating green development" and shoulders the mission of "Harmony for All, Building the Future," contributing to the creation of a better future in which humanity and nature coexist in harmony.

## Technical Advantages of Hezhu Mixing Plants

The Hezhu mixing equipment is developed and manufactured based on the advantages and advanced technologies of various domestic and international mixing plants and mixing stations. It adopts a modular structural design, making installation and relocation more convenient, and operation safe, comfortable, and reliable. The entire station features "reasonable structure, ease of use, reliable operation, high production efficiency, excellent mixing performance, short mixing time, fast discharging speed, low energy consumption, low noise, and long service life of wear parts." It has a wide range of applications and can mix not only plastic concrete and dry-hard concrete but also lightweight aggregate concrete and various mortars. It is suitable for various large and medium-sized building constructions. The series of products covers: simple stations, engineering stations, commercial concrete stations, environmental protection stations, PC stations, and specialized custom stations.



### PRECISION

**Weighing System**

Each weighing scale is of the direct electronic type, and all sensors used are high-precision sensors. The aggregate supply system adopts a simultaneous weighing method with four weighing hoppers, greatly shortening the batching cycle of the aggregate supply system and significantly improving weighing accuracy. The entire weighing system features a small absolute error value and high weighing accuracy.

### POWERFUL

**Mixing System**

Hezhu concrete mixing plants offer both twin-shaft compulsory mixers and vertical-shaft planetary mixers for customers to choose from. Hezhu mixers deliver strong mixing capability and rapid, uniform mixing, achieving excellent mixing results for dry-hard, plastic, and various mix-ratio concretes. The unique mixing design angle makes the mixing process even more powerful and robust.

### STABLE

**Feeding System**

This system comprises storage devices and conveying devices. The layout of the aggregate storage bins and the main mixer section can be designed and arranged according to customer requirements. Aggregates are conveyed by horizontal belts and inclined belts. Cement silos are available in capacities of 60T, 100T, 200T, 300T, and 500T for customers to choose from. The cement silos adopt imported air-pad flow aids to ensure smooth cement conveying. Cement, fly ash, and powdered admixtures are all conveyed and supplied by low-angle screw conveyors.

### INTELLIGENT

**Control System**

The entire machine adopts the most reliable PLC control plus host computer management mode, featuring three working modes: fully automatic, semi-automatic, and manual. It is simple to operate and easy to master. The complete equipment has full functions and strong anti-interference capability. It supports storage of multiple mix-ratio data, dynamic screen tracking display, and a multi-point monitoring system for real-time understanding of the operating status of each component. A complete printing system can fulfill the printing needs of various reports and data records.

## Hezhu Simple Concrete Mixing Plant

The Hezhu simple concrete mixing plant features "reasonable structure, ease of use, reliable operation, high production efficiency, excellent mixing performance, short mixing time, fast discharging speed, low energy consumption, low noise, and long service life of wear parts." It has a wide range of applications and can mix not only plastic concrete and dry-hard concrete but also lightweight aggregate concrete and various mortars. It is suitable for various large and medium-sized building constructions. The standard model and variant products of the Hezhu simple mixer, together with the standard model and variant products of the corresponding batching machine, can be optimally combined into single-unit or double -unit simple concrete mixing plants. Recommended combination schemes for reference are shown in the table below:




| Model | | HZS30 Model | HZS60 Model | JS1000B | JS1500C |
|---|---|---|---|---|---|
| Item | | Parameters | Parameters | Parameters | Parameters |
| Maximum theoretical productivity | | | 1m³/batch | 1m³/batch | 1.5m³/batch |
| Mixer model | | HJS500 | HJS1000 | HJS1000 | HJS15C |
| Aggregate type | | 3 | 3 | | |
| Discharge height | | 3800mm | 3800mm | 3800mm | 3800mm |
| Maximum aggregate size (pebble/crushed stone) | | 60/40mm | 60/40mm | 60mm | 60/40mm |
| Aggregate | Maximum weighing value | 1200kg | 2200kg | 2200kg | 3500kg |
| | Weighing accuracy | ±2% | ±2% | ±2% | ±2% |
| Cement | Maximum weighing value | 300kg | 600kg | 600kg | 800kg |
| | Weighing accuracy | ±1% | ±1% | ±1% | ±1% |
| Water supply | Maximum weighing value | 150kg | 300kg | 300kg | 400kg |
| | Weighing accuracy | ±1% | ±1% | ±1% | ±1% |
| Admixture | Maximum weighing value | 20kg | 30kg | 30kg | 30kg |
| | Weighing accuracy | ±1% | ±1% | ±1% | ±1% |
| Fly ash | Maximum weighing value | | | | 250kg |
| | Weighing accuracy | | | | ±1% |
| Overall dimensions (L×W×H) mm | | 8820×8100×7300 | 2000×13000×17000 | 10032×4692×11841 | 2100×11850×17836 |
| Total kerb mass | | 13t (excluding cement silo) | 26t (including cement silo) | 13t | 22t (excluding cement silo) |
| Total installed power | | 60KW | 115KW | 112KW | 145KW (three-bin batching) |

## Hezhu Concrete Mixing Plant

The fully enclosed structure of the mixing main body, aggregate conveying system, and dust removal system effectively reduces noise and dust pollution to the environment. The Hezhu mixing plant is the ideal equipment for large and medium-sized building construction, hydropower, highway and port, bridge, airport, large precast product factories, and commercial concrete production plants.



| PROJECT MODEL | | HZS60D PARAMETERS | HZS90 PARAMETERS | HZS120 PARAMETERS |
|---|---|---|---|---|
| Theoretical productivity | | 60m³/h | 90m³/h | 120m³/h |
| Mixer model | | HJS1000 | HJS1500 | HJS2000 |
| Aggregate type | | | 4 | 4 |
| Maximum aggregate size (pebble/crushed stone) | | 60/40mm | 80/40mm | 80/40mm |
| Discharge height | | 3800mm | 3800mm | 3800mm |
| Aggregate | Maximum weighing value | 1100kg | 1800kg | 2200kg |
| | Weighing accuracy | ±2% | ±2% | ±2% |
| Cement | Maximum weighing value | 500kg | 900kg | 1100kg |
| | Weighing accuracy | ±1% | ±1% | ±1% |
| Water supply | Maximum weighing value | 300kg | 400kg | 500kg |
| | Weighing accuracy | ±1% | ±1% | ±1% |
| Admixture | Maximum weighing value | 30kg | 40kg | 40kg |
| | Weighing accuracy | ±1% | ±1% | ±1% |
| Mineral powder | Maximum weighing value | 200kg | 200kg | 300kg |
| | Weighing accuracy | ±1% | ±1 | ±1 |
| Fly ash | Maximum weighing value | | 200kg | 300kg |
| | Weighing accuracy | | ±1% | ±1% |
| Overall dimensions (L×W×H) mm | | | 4200×22000×20000 | 4500×21300×21000 |
| Total kerb mass | | 53t | 90t | 110t |
| Total installed power | | 115kw | 180kw | 200kw |

## Hezhu Concrete Mixing Plant

| PROJECT MODEL | | HZS180 PARAMETERS | HZS240 PARAMETERS |
|---|---|---|---|
| Theoretical productivity | | 180m³/h | 240m³/h |
| Mixer model | | HJS3000 | HJS4000 |
| Aggregate type | | 4 | 4 |
| Maximum aggregate size (pebble/crushed stone) | | 80/40mm | 80/40mm |
| Discharge height | | 3800mm | 3800mm |
| Aggregate | Maximum weighing value | 3600kg | 4800kg |
| | Weighing accuracy | ±2% | ±2% |
| Cement | Maximum weighing value | 1600kg | 2200kg |
| | Weighing accuracy | ±1% | ±1% |
| Water supply | Maximum weighing value | 800kg | 1000kg |
| | Weighing accuracy | ±1% | ±1% |
| Admixture | Maximum weighing value | 60kg | 80kg |
| | Weighing accuracy | ±1% | ±1% |
| Mineral powder | Maximum weighing value | 500kg | 800kg |
| | Weighing accuracy | ±1 | ±1 |
| Fly ash | Maximum weighing value | 500kg | 800kg |
| | Weighing accuracy | ±1% | ±1% |
| Overall dimensions (L×W×H) mm | | 50600×23500×21000 | 54600×28700×22000 |
| Total kerb mass | | 125t | 160t |
| Total installed power | | 300kw | 350kw |



## Hezhu Concrete Mixing Plant




| PROJECT MODEL | | HZS270 PARAMETERS |
|---|---|---|
| Theoretical productivity | | 270m³/h |
| Mixer model | | HJS4500 |
| Aggregate type | | 4 |
| Maximum aggregate size (pebble/crushed stone) | | 80/40mm |
| Discharge height | | 3800mm |
| Aggregate | Maximum weighing value | 5400kg |
| | Weighing accuracy | ±2% |
| Cement | Maximum weighing value | 2700kg |
| | Weighing accuracy | ±1% |
| Water supply | Maximum weighing value | 1200kg |
| | Weighing accuracy | ±1% |
| Admixture | Maximum weighing value | 100kg |
| | Weighing accuracy | ±1% |
| Mineral powder | Maximum weighing value | 1000kg |
| | Weighing accuracy | ±1 |
| Fly ash | Maximum weighing value | 1000kg |
| | Weighing accuracy | ±1% |
| Overall dimensions (L×W×H) mm | | 50800×20000×21300 |
| Total kerb mass | | -- |
| Total installed power | | 360kw |

## Hezhu Concrete Mixing Plant

| PROJECT MODEL | | HZS300 PARAMETERS |
|---|---|---|
| Theoretical productivity | | 300m³/h |
| Mixer model | | HJS5000 |
| Aggregate type | | 4 |
| Maximum aggregate size (pebble/crushed stone) | | 80/40mm |
| Discharge height | | 3800mm |
| Aggregate | Maximum weighing value | 6000kg |
| | Weighing accuracy | ±2% |
| Cement | Maximum weighing value | 3000kg |
| | Weighing accuracy | ±1% |
| Water supply | Maximum weighing value | 1200kg |
| | Weighing accuracy | ±1% |
| Admixture | Maximum weighing value | 100kg |
| | Weighing accuracy | ±1% |
| Mineral powder | Maximum weighing value | 1000kg |
| | Weighing accuracy | ±1 |
| Fly ash | Maximum weighing value | 1000kg |
| | Weighing accuracy | ±1% |
| Overall dimensions (L×W×H) mm | | 61200×34500×21300 |
| Total kerb mass | | -- |
| Total installed power | | 410kw |

