Corporate Overview

Henan Oriental Construction Machinery Co., Ltd. is a state-designated manufacturer and exporter of Road and Building construction machineries since 1996. We are the manufacturer, supplier & exporter of semi-automatic and full-automatic dry mortar mixing plants, large and medium size of concrete mixing plants, all kinds of concrete mixers and cement silos.

Oriental's Development Technology

Oriental pays more attention to the international technical communication and cooperation, adopts advanced technology and craftworks of USA, Germany, Australia and so on, and establishes the advanced production line and inspection base. The company owns an independent research centre to innovate and develop new products.

Oriental's Team Power

Oriental owns a service team that has rich experience and skillful technique. According to customers' demand, we supply the services in a flexible way not only the traditional services but also the Internet on-line services. We try our best to carve out market and provide services all the time.

Oriental's Creation

What customers demand is what we are trying to create, and what customers are satisfied with is what we are pursuing. In the last two decades, staff in Oriental continuously creates, oversteps ourselves and insist on "development is firm principle the brand with product quality and promoting the brand with service", staff of Oriental are making great efforts to do the biggest contribution for international mechanical industry.

Oriental's Customers

Our products are well known to international market such as Russia, Uzbekistan, Cyprus, Algeria, Cameroon, Macedonia, Malaysia, Australia, Yemen, Oman etc.

Management

Keep meticulous and social-committed, Pursue preeminence for the long run! Customers are our pilot, service is our heart. What customers demand is what we are trying to create, and what makes customers satisfied is what we are pursuing all the time. In many years, staff in Oriental continuously create, oversteps ourselves and work hard to provide the customers with the high-quality products, creating the brand with product quality and promoting the brand with services. Honor creates success, innovation creates prosperity. On the basis of technique innovation, guided by the enterprise culture and purpose to serve society, uniting as one, staff in Oriental are not afraid of hardships to make dedication to top-grade brand and making great efforts to do the biggest contribution to China national industry with all strength.
Service

We keep the service idea of "create more value to customers", treating our customers with all our hearts, and meantime lawfully running it.

Our customers distribute in over 120 countries in Asia, Europe, Middle east, Oceania and America. We apply our professional knowledge and full global service capability to ensure the best results for our customer’s business.

Pre-sale services
Act as a good adviser and assistant of clients; enable them to get rich and generous returns on their investments;
- Select equipment model;
- SDesign and manufacture products according to clients’ special requirement;
- Train technical personnel for clients.

Services during the sale
Respect clients; devote ourselves to improving the total value of clients.
- Pre-check and accept products ahead of delivery;
- help clients to draft solution;

After-sales service
Provide considerate services to minimize clients’ worries.
- Assist clients to prepare for the first construction scheme;
- Install and debug the equipment;
- Train the first-line operators on site;
- Examine the equipment regularly;
- Take initiative to eliminate the troubles rapidly at site;
- Distribute the guarantee fittings door-to-door;
- provide perfect service;
- Provide technical exchanging;
- Provide maintenance for big iteme.
- Highly inspecting equipments in every working procedure, quality comes first;
- Fast & Safe Delivery;
- Assisting our clients for foundation construction of equipments;
- Dispatching engineers to install and debug equipments;
- Training the first-line operators on site;
- Regularly visit clients to solve production problems;
- Providing life long maintenance service;
- Providing technical exchanging;
Environmental Protection, Energy Conservation, Reliability, High Efficiency

- Drying system featuring high efficiency and energy conservation
- Precise measurement and intelligent, humanized operations
- High-quality parts, lower cost to use

Dry Mortar Production Line

Drying Mortar Production Line

Environmental Protection, Energy Conservation, Reliability, High Efficiency

- Drying system featuring high efficiency and energy conservation
- Precise measurement and intelligent, humanized operations
- High-quality parts, lower cost to use

Tower Dry Mortar Production System

- Three-dimensionally adjustable and multi-functional structure
- The steam dryer adopts the advanced pressurized drying system, which is composed of different compressors with different volumes. The three-dimensionally adjustable structure can make full use of the dryer room, reduce the height, and improve the drying efficiency, effectively reducing the energy consumption.
- C vero: The core water content in the mordant is reduced to 6%. The system can fully meet the requirements of various drying processes and the environmental protection requirements.
- The system can be widely applied to the production process of various building material products, effectively improving the output efficiency.
- The system can be widely applied to the production process of various building material products, effectively improving the output efficiency.

Pulverized Coal-fired Boiler

- The pulverized coal-fired boiler can effectively reduce nitrogen oxide emissions and atmospheric pollution.
- The energy consumption is significantly reduced, and the overall environmental impact is minimized.

Proper and reliable maintenance system

- The properly maintained system can significantly reduce the total cost of the drying process and improve the overall efficiency.
- The maintenance system can effectively ensure the normal operation of the drying system and improve the overall efficiency.

At the conceptual design stage, the reliability factor is fully considered when selecting the dryer body, selecting the proper drying medium, and selecting the appropriate dryer body design. The choice of dryer body design is a critical factor that affects the overall performance of the drying system.

Environmental-friendly drying collection systems

- The drying system can effectively reduce the adverse environmental impact and improve the overall efficiency.
- The dryer body selection is a critical factor that affects the overall performance of the drying system.

Dry Mortar Production Line

Environmental Protection, Energy Conservation, Reliability, High Efficiency

- Drying system featuring high efficiency and energy conservation
- Precise measurement and intelligent, humanized operations
- High-quality parts, lower cost to use

Dry Mortar Production Line

Environmental Protection, Energy Conservation, Reliability, High Efficiency

- Drying system featuring high efficiency and energy conservation
- Precise measurement and intelligent, humanized operations
- High-quality parts, lower cost to use

Environmental Protection, Energy Conservation, Reliability, High Efficiency

- Drying system featuring high efficiency and energy conservation
- Precise measurement and intelligent, humanized operations
- High-quality parts, lower cost to use

Dry Mortar Production Line

Environmental Protection, Energy Conservation, Reliability, High Efficiency

- Drying system featuring high efficiency and energy conservation
- Precise measurement and intelligent, humanized operations
- High-quality parts, lower cost to use

Environmental Protection, Energy Conservation, Reliability, High Efficiency

- Drying system featuring high efficiency and energy conservation
- Precise measurement and intelligent, humanized operations
- High-quality parts, lower cost to use

Environmental Protection, Energy Conservation, Reliability, High Efficiency

- Drying system featuring high efficiency and energy conservation
- Precise measurement and intelligent, humanized operations
- High-quality parts, lower cost to use

Environmental Protection, Energy Conservation, Reliability, High Efficiency

- Drying system featuring high efficiency and energy conservation
- Precise measurement and intelligent, humanized operations
- High-quality parts, lower cost to use
Concrete Mixer

Twin Shaft Forced Concrete Mixer (JS Series)

JS series concrete mixer is double horizontal spindle forced mixer. It can work alone, or be combined with PLD series batching plant to work as simplified concrete mixing plant, or supply the main machine for the mixing plant. It can be applied in large, medium-sized, and small component factories and roads, bridges, water conservancy, ports, etc. industrial or civil constructions. It can be used to mix the dry concrete, plastic concrete, fluidity concrete, lightweight aggregate concrete and various mortars. It is a high efficient machine with extensive applications.

- Special drum prolongs the service life of the steel wire rope.
- Precise mechanical parts.
- High-quality wear-resistant alloy casting parts and advanced production technology ensure the clearance of the mixing blades and the inner plate well-distributed.
- The test run with dry aggregate supplies sufficient reasons for customers to choose Fangyuan.
- Concrete intensity test proves the excellent performance of the mixing equipment.

<table>
<thead>
<tr>
<th>Model</th>
<th>YJ51000</th>
<th>YJ51550</th>
<th>YJ52000</th>
<th>YJ53000</th>
<th>YJ54000</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charging Volume (L)</td>
<td>1500</td>
<td>2250</td>
<td>3000</td>
<td>4500</td>
<td>6000</td>
</tr>
<tr>
<td>Discharging Volume (L)</td>
<td>1000</td>
<td>1500</td>
<td>2000</td>
<td>3000</td>
<td>4000</td>
</tr>
<tr>
<td>Theoretic Productivity (m³/h)</td>
<td>60</td>
<td>90</td>
<td>120</td>
<td>150</td>
<td>200</td>
</tr>
<tr>
<td>Max. Aggregate Size (mm)</td>
<td>60~80</td>
<td>60~80</td>
<td>80~100</td>
<td>80~120</td>
<td>80~150</td>
</tr>
<tr>
<td>Mixing Motor (KW)</td>
<td>2×10.5</td>
<td>2×10</td>
<td>2×13</td>
<td>2×15</td>
<td>2×17</td>
</tr>
<tr>
<td>Dimension (mm)</td>
<td>2810×2900×1800</td>
<td>3220×2900×1800</td>
<td>3550×2220×2140</td>
<td>3800×2900×2240</td>
<td>4070×2900×2240</td>
</tr>
<tr>
<td>Total Weight (Kg)</td>
<td>5905</td>
<td>5820</td>
<td>7500</td>
<td>9200</td>
<td>12200</td>
</tr>
</tbody>
</table>

Note: Any change of technical data will not inform additionally.

Drum Type Concrete Mixer (JZC Series)

<table>
<thead>
<tr>
<th>Model</th>
<th>JZC350</th>
<th>JZC350B</th>
<th>JZC350Y</th>
<th>JZC500Y</th>
<th>JZC500B</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drum total volume(fresh)</td>
<td>2210</td>
<td>2600</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Charging Capacity (L)</td>
<td>560</td>
<td>750</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Discharging Capacity (L)</td>
<td>360</td>
<td>500</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Production Capacity (m³/h)</td>
<td>10~14</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Motor power(kw/mixing+hoisting)</td>
<td>7.5</td>
<td>10.2</td>
<td>10.2</td>
<td>10.2+0.12</td>
<td></td>
</tr>
<tr>
<td>Bucket lifting system</td>
<td>Wire rope hoisting tipping</td>
<td>Wire rope hoisting sliding</td>
<td>Hydraulic tipping</td>
<td>Hydraulic tipping</td>
<td>Wire rope hoisting sliding</td>
</tr>
<tr>
<td>Steel thickness of drum(mm)</td>
<td>5</td>
<td>8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Total weight (Kg)</td>
<td>1420</td>
<td>1550</td>
<td>1510</td>
<td>1970</td>
<td>2100</td>
</tr>
<tr>
<td>Dimensions (mm)</td>
<td>2760×2140×3000</td>
<td>2900×2140×3000</td>
<td>3100×2140×3000</td>
<td>3750×2240×3000</td>
<td>5230×2300×5450</td>
</tr>
</tbody>
</table>

Note: Any change of technical data will not inform additionally.
Cement Silo

About Oriental

Henan Oriental Construction Machinery Co., Ltd., is a state-designated manufacturer and exporter of Road and Building construction machinery since 1989. We are the manufacturer, supplier & exporter of semi-automatic and full-automatic dry mortar mixing plants, large and medium size of concrete mixing plants, all kinds of concrete mixers and cement silos.

Welded Cement Silo & Bolted Type Cement Silo

Applications of Cement Silo

Cement silo is suitable for bulk cement and dry fly ash, featured by rain and dampness resistand and easy to use etc. Cement silo is cylinder and supporting the superior parts has dust removing device to avoid leakage of dust, and the inferior part is equipped with each breaker to avoid power caking and make discharging smooth.

Manufactured Technology of Cement Silo

The parts of the cement silos are manufactured by special laser cutting and drilling technologies and they are implemented special surface cleaning procedure. The parts of the cement silos also are manufactured in sensitive production facilities with special equipments and they are painted with prime coating and final coating. The parts which are hung on automatic conveyor line, are painted in special painting cabinets. Then the parts of the cement silos are packed specially for suitable for transportation.

Bolted Type Cement Silo For Export Market

We are the leading manufacturer of cement silos since 1989, highly capacity in manufacturing of cement silos. Bolted type cement silos which are manufactured in different capacities, provide great advantages especially in transportation. For example, 2 units 100 tons bolted type cement silos can be transported by only 1 set 40HQ.

Technical Parameters of Cement Silo

<table>
<thead>
<tr>
<th>Model</th>
<th>Tanker Diameter</th>
<th>Tanker Total Height</th>
<th>Matched mixer</th>
<th>Matched screw conveyor</th>
</tr>
</thead>
<tbody>
<tr>
<td>20Ton</td>
<td>2.2m</td>
<td>5.7m</td>
<td>JDC350</td>
<td>LSY163</td>
</tr>
<tr>
<td>30Ton</td>
<td>2.4m</td>
<td>7m</td>
<td>JDC350</td>
<td>LSY163</td>
</tr>
<tr>
<td>40Ton</td>
<td>2.5m</td>
<td>7.6m</td>
<td>JDC350</td>
<td>LSY163</td>
</tr>
<tr>
<td>50Ton</td>
<td>3m</td>
<td>7.6m</td>
<td>JS500</td>
<td>LSY1100</td>
</tr>
<tr>
<td>60Ton</td>
<td>3m</td>
<td>11m</td>
<td>JS750</td>
<td>LSY100</td>
</tr>
<tr>
<td>100Ton</td>
<td>3m</td>
<td>12.9m</td>
<td>JS1000</td>
<td>LSY220</td>
</tr>
<tr>
<td>150Ton</td>
<td>3m</td>
<td>16.5m</td>
<td>JS1000</td>
<td>LSY220</td>
</tr>
<tr>
<td>200Ton</td>
<td>4.5m</td>
<td>19m</td>
<td>JS1500</td>
<td>LSY220</td>
</tr>
<tr>
<td>300Ton</td>
<td>4.5m</td>
<td>21.3m</td>
<td>JS2000</td>
<td>LSY220</td>
</tr>
</tbody>
</table>

Note: Any change of technical data will not inform additionally.

Henan Oriental Construction Machinery Co., Ltd.
Email: info@china-cement-silo.com
Add: WanShan South Road, South Bus Station, Zheng Zhou City, HeNan Province, China
PLD Series Concrete Batching Machine

PLD 4800 Series Concrete Batching Machine

Introduction of PLD Concrete Batching Machine

PLD series concrete batching machine is a kind of equipment with automatically batching material on the front deck and using mixer together. It can automatically finishing the batching procedures of 2~5 kinds of materials (second grade concrete) such as sand, stone, cement according to user's requirement. These serial products adopt electronic weighing, computer control, digital display, wired remote control operation, and have such advantages as accurate weighing, high precision batching, quick speed, strong control function and convenient operation. After this serial concrete batching machine with relative concrete mixer, different types and specification combined concrete making station can be formed.

Features of PLD Concrete Batching Machine

1. The concrete batching machine, with 2~6 aggregate hoppers, can be assembled as per individual requirements. There are independent weighing hoppers and belt conveyer under the aggregate hoppers that could be designed as steel structure type, underground and half underground type. The aggregates can be fed into the aggregate hoppers by loader or belt conveyer;

2. Discharging system adopts pneumatic fan-shaped door, making block and leak proof discharging quick, energy saved and environment protected. During hopper can realize quick or slow discharging;

3. Each and every aggregate is weighed individually or accumulatively, and the elevate weighing accuracy is guaranteed. The accuracy of aggregate proportional is realized through computer control system, while automatically refines the aggregate if there is shortage of weight, saves if there is over-weight.

Working Principle of PLD Concrete Batching Machine

Temperature sensor : 

Supply the exact temperature of aggregate, applicable to some area such as high-temperature, freezing and area with special requirement for temperature measure.

Water sensor/aggregate sensor : 

Supply the exact water ratio of aggregate during batching, the corresponding water ratio is reduced and the batching precision is improved.

Pneumatic device : 

The outlet of the pipe is ready in advance, feeding the aggregate through pneumatic pipe, applicable to freezing area.

Range of control : 

Able to direct aggregate, applicable to rainfall area, filtration machine, supply you with eligible aggregate materials to improve the quality materials.

We can design and make the batching system of aggregate according to the user's circumstance/field and special requirement.

<table>
<thead>
<tr>
<th>Model</th>
<th>PLD1800</th>
<th>PLD2400</th>
<th>PLD3200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight batching capacity (t)</td>
<td>1920</td>
<td>2050</td>
<td>3250</td>
</tr>
<tr>
<td>Storage hopper capacity (m³)</td>
<td>2.5~12</td>
<td>2~2</td>
<td>2~2</td>
</tr>
<tr>
<td>Probability (x25%)</td>
<td>30</td>
<td>40</td>
<td>60</td>
</tr>
<tr>
<td>Batching precision</td>
<td>±2%</td>
<td>±2%</td>
<td>±2%</td>
</tr>
<tr>
<td>Max. weighing capacity (kg)</td>
<td>2900</td>
<td>2900</td>
<td>3000</td>
</tr>
<tr>
<td>Number of wall thickness</td>
<td>2/3</td>
<td>2/3</td>
<td>3/4</td>
</tr>
<tr>
<td>Feed leading height (mm)</td>
<td>1050</td>
<td>2430</td>
<td>2500</td>
</tr>
<tr>
<td>Feeding belt speed (mm/s)</td>
<td>1.25</td>
<td>1.25</td>
<td>1.25</td>
</tr>
<tr>
<td>Avance (m)</td>
<td>3~12</td>
<td>3~12</td>
<td>3~12</td>
</tr>
<tr>
<td>Gross weighing</td>
<td>4020</td>
<td>4020</td>
<td>6000</td>
</tr>
<tr>
<td>Overall dimension (mm)</td>
<td>1900x1400x(2300, 4000)</td>
<td>1400x1800x1800</td>
<td>1800x3000</td>
</tr>
<tr>
<td>Price (US$)</td>
<td>23980</td>
<td>27987</td>
<td>42530</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Model</th>
<th>PLD3200</th>
<th>PLD3200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight batching capacity (t)</td>
<td>1800</td>
<td>2400</td>
</tr>
<tr>
<td>Storage hopper capacity (m³)</td>
<td>3600</td>
<td>3600</td>
</tr>
<tr>
<td>Probability (x25%)</td>
<td>75</td>
<td>115, 150</td>
</tr>
<tr>
<td>Batching precision</td>
<td>±2%</td>
<td>±2%</td>
</tr>
<tr>
<td>Max. weighing capacity (kg)</td>
<td>2900</td>
<td>4000</td>
</tr>
<tr>
<td>Number of wall thickness</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Feed leading height (mm)</td>
<td>3500</td>
<td>3200</td>
</tr>
<tr>
<td>Feeding belt speed (mm/s)</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Power (kw)</td>
<td>17.5</td>
<td>11</td>
</tr>
<tr>
<td>Gross weight (kg)</td>
<td>8600</td>
<td>10200</td>
</tr>
<tr>
<td>Dimension (mm)</td>
<td>9600x3400x3800</td>
<td>9600x3400x3800</td>
</tr>
</tbody>
</table>

Note: Any change of technical data will not inform additionally.
Henan Oriental Construction Machinery Co., Ltd.

Add: WanShan South Road, South Bus Station, Zheng Zhou City, HeNan Province, China
Email: info@drymortarmixer.com    Service Email: service@drymortarmixer.com
Tel: 0086-371-68763311 0086-371-68763366
Fax: 0086-371-68763366
Post Code: 450053

Global Website: www.drymortarmixer.com    Global Cement Silo Website: www.china-cement-silo.com