

CONCRETE BATCHING PLANT

"HiSuccess International" concrete batching plant starts a new era for concrete batching plant, which can make fully-automatic production line with different grades.

Our master products include HIM-HZS-50, HIM-HZS-75, HIM-HZS-90, HIM-HZS-120, HIM-HZS-150, etc. HiSuccess can supply different capacities of concrete batching plants. According to customers' requirements, we also can supply one-body and double-body plants. Medium and large concrete batching plants are controlled by industrial microcomputer.

Our plant is equipped with additive and agent supplying systems, to improve concrete quality and save production cost. Cement silo equipped with continuous feeding indicator, makes the production process accurat and economical.

This series of concrete batching plants, according to customers' requirements, can adopt JS, or JDY mixers.



The Characters of Our Machine:

1. Concrete mixer, equipped with dust-collector inside, is canned to guarantee plant pro-environment and clean.
2. Every silo can independently measure to guarantee the productivity and accuracy.
3. Cement silo is equipped with dust-collector, up to environmental standards.
4. Independent ash powder and liquid measure system.
5. Rational air circuit layout, equipped with large separator for gas, water, oil to guarantee pneumatic organs operate accurately.
6. Independent control room; enough working space, air conditioner. The control system is completely installed in the room, easy for update and maintenance.
7. The JS series mixers can dramatically shorten the process and perfect the concrete quality.
8. The excellent design makes convenience for the concrete plant to be mounted, dismantled and transported.

Main Parameters

ITEM	HIM-HZS50	HIM-HZS75	HIM-HZS90	HIM-HZS120	HIM-HZS150
Capacity, m³/h	50	75	90	120	150
Mixer	JS1000	JS1500	JS1500	JS2000	JS3000
Power, kw	110	160	200	215	290
Weight, mt	22	60	65	85	85
Area (L X W), m²	20 x 15	25 x 16	50 x 15	52 x 16	55 x 18

Remark: JS-Two shaft compulsory mixer
JDY- Single shaft compulsory mixer

DRY MORTAR PRODUCTION LINE



In contrast to job-site mortars, dry mortar is also called pre-mixed mortar, which is produced in the factory with dedicated facilities on batching and blending of ingredients in highly-controlled process. It can be used directly just by adding water in job site.

It has advantages of consistent quality, controlled inventory, saving time and labour costs. By adding different chemical additives, it has fine properties of bond, thermal and acoustic insulation, crack-resistance, workability, water-retention, wear-proof, anti-corrosion, etc.

Dry mortar can match different kinds of new construction materials by improving formulation. These good properties not only improve building's quality and life greatly, but also decrease the usage of mortar in a large degree. The demand for dry mortar has increased rapidly due to its outstanding merit comparing with the mortar made in job-site.

Type of Dry Mortar:

1. Bonding mortar: masonry mortar, wall and floor tile adhesive mortar, anchorage mortar etc.
2. Decoration mortar: decorative plaster, inner and outer wall putty, colorful decoration mortar etc.
3. Protection mortar: water-proof mortar, anti-corrosion mortar, self-leveling mortar, wear resistance mortar, thermal insulation mortar, sound insulation mortar, repair mortar, mildewproof mortar, shielding mortar etc.

Raw Materials:

1. Binders: cement, hydrated lime, anhydrite, gypsum.
2. Filler: silica sand, quartz sand, limestone, dolomite, expanded perlite etc.
3. Mineral admixture: ground granulated blast furnace slag, pulverized fuel ash, pozzolana, fine silica powder etc.
4. Water-retention and thickening material.
5. Chemical additives: cellulose esters, superplasticizers, air entraining agents, accelerating agents, retarding agents, defoaming agents, hydrophobic agents, and etc.

Main Configuration:

Raw material storage silo, sand dryer, bucket elevator, spiral conveyor, weighing system, mixer, end product silo, bagging system, dedusting system, computer control system, air compressor, air-phase balance system , steel structure, end products storage silos

MODE	CAPACITY	AREA	HEIGHT	REMARK
Simple	1-15t/h	40m²	5-10m	Manual batching and packing
Basic	5-15t/h	40-60m²	6-10m	Manual batching, automatic packing
Semi-automatic Serial	5-15t/h	40-80m²	8-12m	Automatic batching of coarse material, manual batching of additive, automatic packing
Semi-automatic Tower	5-50t/h	40-100m²	10-25m	Automatic batching of coarse material, manual batching of additive, automatic packing
Fully Automatic Tower	5-50t/h	60-500m²	10-25m	Automatic batching of all raw material and packing