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YJS twin shaft compulsory mixer

Keywords:twin shaft compulsory mixer, dual-axial concrete mixer

YJS twin shaft compulsory mixer is dual-axial concrete mixer used with weigh batching plants and designed in range of nominal capacity 1000L, 1250L, 1500L, 2000L, 2500L, 3000L, 3500L and 4000L or customer requirements dimension sizes.

YJS twin shaft compulsory mixer characteristics

- ◆ Can be working with PLD series concrete mixing station, or used as a single mixer
- ◆ If dual-axial concrete mixer installed with tower hoist, tip handles is necessary to protect safety
- ◆ Pintle or axis are made of steel or stainless steel with high mechanical strength
- ◆ Adopts unique labyrinth sealing technology
- ◆ Mixing paddles working in Mixer trough lining in clockwise direction
- ◆ Applicable standards ASTM international -ASTM C387 standard specifications for packaged, dry combined materials for mortar and concrete
- ◆ Concrete mixer packaging, engine cowl is necessary
- ◆ The metal parts is made of iron which should be hot dip galvanized
- ◆ Compared JS double shaft concrete mixer, YJS twin shaft compulsory mixer is better of mixing efficiency or production yield
- ◆ Compact design, a convenient way to control dumping
- ◆ Shaft-end seal, gear box adopt Italy gearbox

YJS twin shaft compulsory mixer images



concrete mixer



batching plants



concrete trucks



trailer pump



gunite machine



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After dual-axial concrete mixer manufacturing process, we should do some tests or examinations in accordance the specifications or customers requirements.

During shipping or pre-delivery, the concrete mixer manufacturers should do

- ◆ Ensure that mixing drum is rotating concentrically and that the mixing vat is horizontal
- ◆ Correct oil level in gearbox. All grease points charged. Gear teeth greased
- ◆ Spare parts shall be observed
- ◆ Drive coupling alignments, pan and star meshing of pan rack and drive gear
- ◆ Do no load test. Mixing star blades is correctly rotating.

Installation YJS twin shaft compulsory mixer, we should note

1. Refer to written statements and site instructions
2. Mixer to be mounted on supports of adequate strength and rigidity to prevent undue vibration when mixing and securely bolted
3. Dual-axial concrete mixer frame to be level on structure
4. Check the mixing pan and mixing star blades is correct

YJS twin shaft compulsory mixer structure is similar to JS double shaft concrete mixer, the application is similar to planetary concrete mixers and JS twin shaft mixer which can be used in batching plants or as a single mixer.

YJS twin shaft compulsory mixer spare parts



Gear box

Belt and coupling

Mixing blades

During manufacturing concrete materials, Maximum batch loads quoted be exceeded nor should the mixer be stopped or re-started when there is a mix in pan.

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After manufacturing concrete materials, we should clean the mixing tank. And after cleaning process of the mixer there is no residual water to affect the next batch.

YJS twin shaft compulsory mixer

Model	YJS1000	YJS1250	YJS1500	YJS2000	YJS2500	YJS3000	YJS3500	YJS4000
Discharging Volume (L)	1000	1250	1500	2000	2500	3000	3500	4000
Charging Volume (L)	1500	1750	2250	3000	3750	4500	5300	6000
Max. Aggregate (mm)	80/100	80/100	80/100	80/100	80/100	80/120	80/100	80/150
time (s)	≤60	≤60	≤60	≤60	≤60	≤60	≤60	≤60
Motor power (kw)	18.5×2	22×2	30×2	37×2	45×2	55×2	55×2	75×2
Dimension (mm)	2810×3200×1920	3020×2000×1920	3230×2000×1920	3460×2320×2140	3670×2320×2140	3880×2600×2200	4100×2600×2200	4670×2600×2200
Weight (kg)	5200	5500	5800	7500	8500	9200	9600	12200

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