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JW concrete pan mixer

Keywords:vertical forced concrete mixer,concrete pan mixer

JW concrete pan mixer is vertical forced concrete mixer or ring pan mixer according to its shape and installation direction. And the concrete pan mixer can be divided into normal ring-pan mixer, ring-pan mixer with mechanical mono-agitator and ring-pan mixer with mechanical double-agitator.

JW concrete pan mixer structures

- ◆ Mixer arms installed inside mixer, playing a role of driven by the mixing paddles
- ◆ Inside agitator and outside agitator or high speed agitator blade revolves through the mix at different speeds to prevent cement balling, and agitator is driven by oil
- ◆ Scraper or paddles can avoid the concrete materials covered inside the concrete mixers
- ◆ Combined gearbox application is similarly to planetary concrete mixers
- ◆ Outer mixer tools include outside agitator, discharge door, other accessories

JW vertical forced concrete mixer images



JW concrete pan mixer characteristics

- ◆ Consistency measurement inside mixer, Rotating in clockwise direction
- ◆ A homogeneous mix is accomplished in 60 to 90s
- ◆ Can be designed with aggregate hopper with tower hoist or right pictures, and the former widely used in concrete mixing plants as mixing system
- ◆ A self-sealing door and easy maintenance make this a great choice in cement mixers
- ◆ Starts under a full load, then rotates the materials in counter-rotating stars

concrete mixer



batching plants



concrete trucks



trailer pump



gunite machine



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- ◆ And the left image show that operators platform with guard rails and ladder
- ◆ Adopts hydraulic mixer gate
- ◆ Totally enclosed main bearing
- ◆ High efficiency, homogeneous mixture, high-shear, multi-velocity agitation
- ◆ Telescoping adjustable legs

Some advantages of JW vertical forced concrete mixer

1. Compact design, mixer arms easy adjustable
2. High yield, low maintenance, can reduce raw materials
3. Suitable for any types of concrete, refractories, precast shapes, concrete mixtures up to 1/2
4. High mixing speed, shorter discharging time and high mixing efficiency
5. Anti-wear resistance mixing arms or blades
6. Reduced built-up through consequently avoidance of unnecessary edges
7. Deliver optimum mixing in the shortest possible time
8. Ring channel, the blades are designed similarly to planetary concrete mixer

JW1000 rotating pan mixer is our main pan mixers, and the pan type concrete mixer also can be designed in range of rated capacity 350L, 500L, 750L, 1500L and 2000L etc. And the application of this type mixer is as well as twin shaft mixer and planetary mixer. They are all compulsory mixers.

JW1000 rotating concrete pan mixer main technical data:

Model	JW1000
Capacity(L)	1000
Discharge capacity(L)	700-800
Production rate(m ³ /h)	≤13
Mixing blade	5*1
Mixing motor(kW)	18.5
Mixing speed(r/min)	29
Weight(Ton)	3.1

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