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JD single shaft compulsory mixer

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JD single shaft compulsory mixer is forced type concrete mixer manufactured by professional concrete mixer manufacturer, supplier and exporter in China - Dasion Machinery company. We provide JDC series and JDY series single shaft mixer.

The characteristics of JD single shaft compulsory mixer

- ◆ Forced type concrete mixer is heavy-duty type
- ◆ Double spiral has worldwide approval under different operating conditions
- ◆ The concrete mixer is designed with a mixing volume of 350L and 500L
- ◆ Minimal running costs
- ◆ Driven by proven squirrel-cage geared motors, and used with belt and chain drivers, improve the mixer shaft bearing and sealing
- ◆ A lubricant pump driven by electric motor provides the mixer shaft bearing with lubricant. Gear teeth grease. Correct oil level in gearbox. All grease points charged
- ◆ Lower noise profile chain and electric motors
- ◆ The mixer gate is operated pneumatically.
- ◆ Compact design, steel blades installed in the linear
- ◆ According to EN 1088:2008 standards, the concrete mixer designed with interlocking system
- ◆ A mixer cleaning system, ease of maintenance

JD single shaft compulsory mixer images



concrete mixer



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concrete trucks



trailer pump



gunite machine



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JD single shaft compulsory mixer includes JDC concrete mixers and JDY concrete mixers. The former adopts gear-box driven for concrete discharging, the later adopts hydraulic system for concrete discharge. And this types mixer can be designed with wheels, used as portable concrete mixer.

JDC series single shaft concrete mixer main technical data

Item parameter model		JDC350	JDC500
Discharging capacity (L)		350	500
feeding capacity (L)		560	800
Maximum aggregate sizes(pebble/gravel)(mm)		80/60	80/60
Mixing time(s)		30	30
Working circle time(h)		50	70
Production rate(m3/h)		17.5	25-30
Mixing blades rotating-speed(r/min)		27.6	27.6
Speed of hopper lifting(m/min)		19	19
Motor	Mixing motor	Y160L-4B5	Y160L-4B5
	Power (kW)	15	18.5
	Hoist motor	YEJ112M-4	YEJ112M-4
	Power (kW)	4.5	5.5
	Pump motor	50DW18-8A	50DW18-8A
	Power(kW)	0.75	0.75
	Discharge capacity(m3/h)	18	18
	Discharge motor	Y100L2-4	YEJ112M-4
	Power(kW)	3	3
Water supply mode		Time relay	Time relay
Total weight(kg)		3700	4000
Dimension(mm)		2400*2650*3200	2800*2800*3300

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Compared to twin shaft compulsory mixer, single shaft compulsory mixer is designed with cylinder mixing pan and used for all types of concrete in the building, highway, roadway etc.

Mixing blades are made from steel with high mechanical properties and mixing action is both fast and thorough, resulting in a mixing time.

JDY forced type concrete mixer main technical specifications

Model	JDY350(hydraulic)	JDY500(hydraulic)
Discharging volume (L)	350	500
Charging volume(L)	560	800
Capacity(m3/h)	18-21	25-30
Max.aggregate size(mm)	60/40	80/60
Mixing blades rotating-speed(r/min)	28	24
Motors power(kW)	19.55	24.75
Mixing time(s)	30	30
Dimension (mm)	2600*2600*3100	2820*2900*3260
Dragging speed(km/h)	20	18
Total weight(kg)	3700	4000

Forced type concrete mixer includes single shaft mixer, twin shaft mixer, planetary mixer and pan mixer.

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