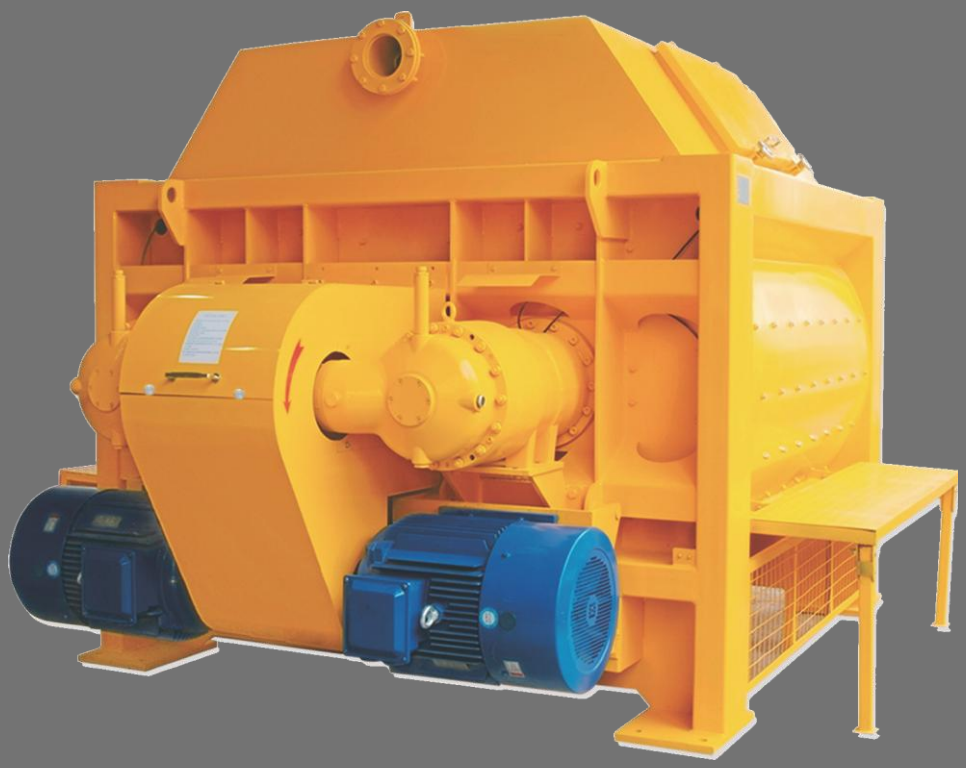
Concrete Mixer Catalog

HIYA MECHANICAL EQIUPMENTS

Professional Construction machinery & Accessories Supplier

- Mix machinery
- Mixing station control system
- Concrete transport truck
- Mixing station design and accessories



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Henan Hiya Mechanical Equipment Co., Ltd.
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✧ JS500/JS750/JS1000/JS1500 Skip Type Concrete Mixer

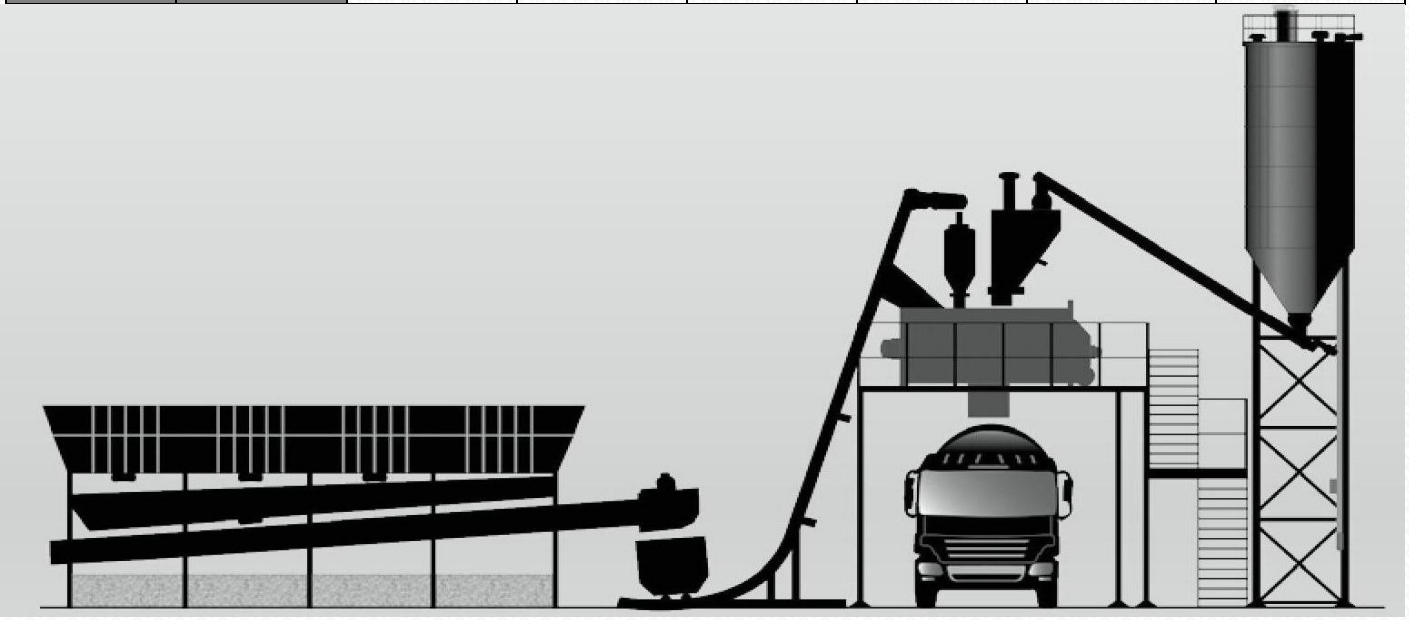
Skip hopper type concrete mixer applicable to small and medium-sized building site, road construction project etc.

Application Features>>

1. It can a single use, and also can be more than one group composed of concrete mixing plan.
2. Small scale, less investment.
3. The structure is simple, sturdy and durable, low maintenance and repair cost.
4. Simple control system, on the education of workers operating requirements is not high, but Intelligent control level is also not high.

Technical Parameters >>

Type		JS500	JS750	JS1000	JS1000B	JS1000C	JS1500
Charging Capacity		800L	1200L	1600L	1600L	1600L	2400L
Rated Capacity		500L	750L	1000L	1000L	1000L	1500L
Capacity of Production		25m³/h	45m³/h	60m³/h	60m³/h	60m³/h	90m³/h
Max. Feeding Size		≤50mm	≤60mm	≤80mm	≤80mm	≤80mm	≤80mm
Working Cycle		72s	72s	60s	60s	30s	60s
Mixing Axle Speed		31r/min	29.3r/min	19.5r/min	19.5r/min	25r/min	19.5r/min
Hoist		YEZ132S-4 5.5kw	YEZ132M-4 7.5kw	YEZ160L-4 15kw	YEZ160L-4 15kw	YEZ160L-4 15kw	YEZ180M-4 18.5kw
Transmission System		YE3-180M-4 18.5kw	YE3-200L-4 30kw	YE3-250M-4 37KW	YE3-180M-4 2×18.5kw	YE3-180M-4 2×18.5kw	YE3-180L-4 2×22kw
Water Supplied Device		BL12-16-1.1 1.1kw	BL12-16-1.1 1.5kw	80JDB-45 3kw	80JDB-45 3kw	80JDB-45 3kw	80JDB-45 3kw
Total Weight		3200kg	5000kg	7800kg	7700kg	7500kg	11130kg
Dimensions	Transport State	3000×2530 ×2680	3400×2600 ×2500	3800×2400 ×2600	3000×2530 ×2680	3000×2320× 2680	4720×2400× 3000
	Working State	3000×2530 ×2680	3400×2600 ×5500	3800×2400 ×8600	3000×2530 ×2680	3000×2530× 2680	9530×3400× 10860



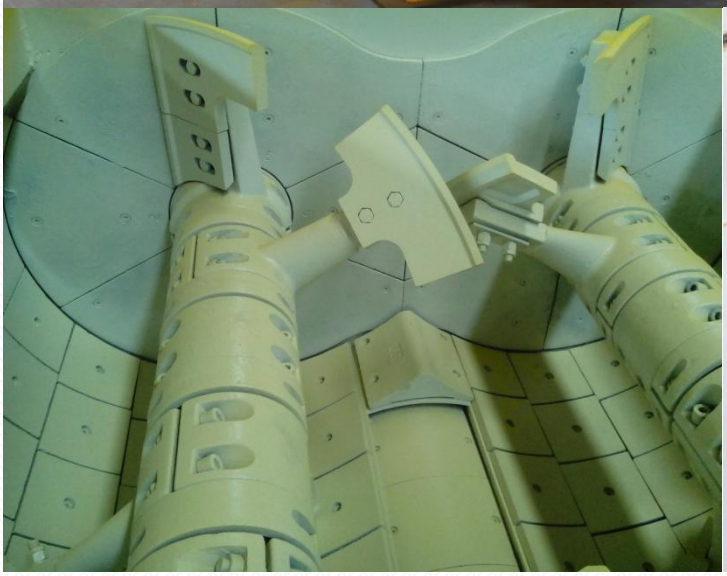
✧ KTSA Series Double Horizontal Shaft Concrete Mixer

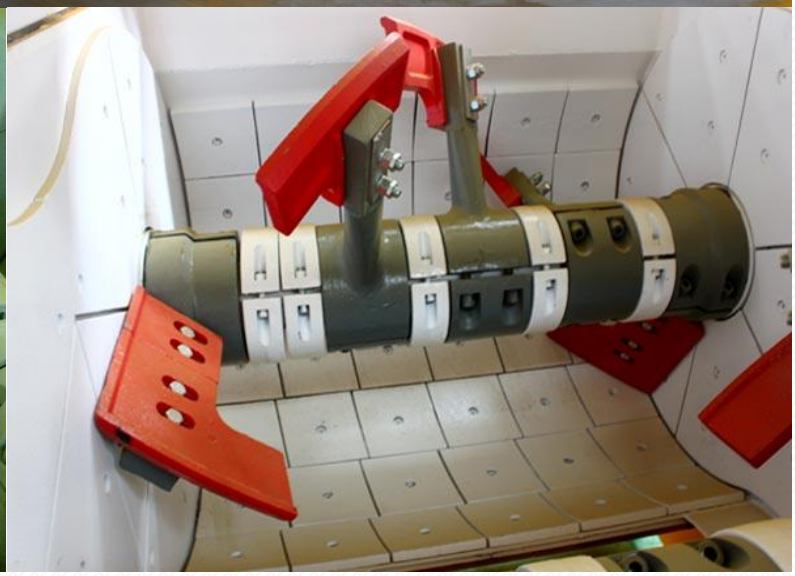
KTSA series double horizontal shaft concrete mixer is applicable to various commercial concrete mixing plants, and high-speed rail and expressway mixing plants. The main parts including reduction gears, bearing, sealing element and V-belt are imported from Europe, prolong the service life, reduce the failure rate and make the stirring process safer and more reliable.

The mixer uses the shovel-shaped agitating vane, and optimized design of vane thickness, the interval between vane and lining plate, the vane curve and layout, and the agitating performance is significantly improved. KTSA series double horizontal shaft concrete mixer can be used to replace sicoma MAO/MSO series concrete mixer.

Technical Parameters >>

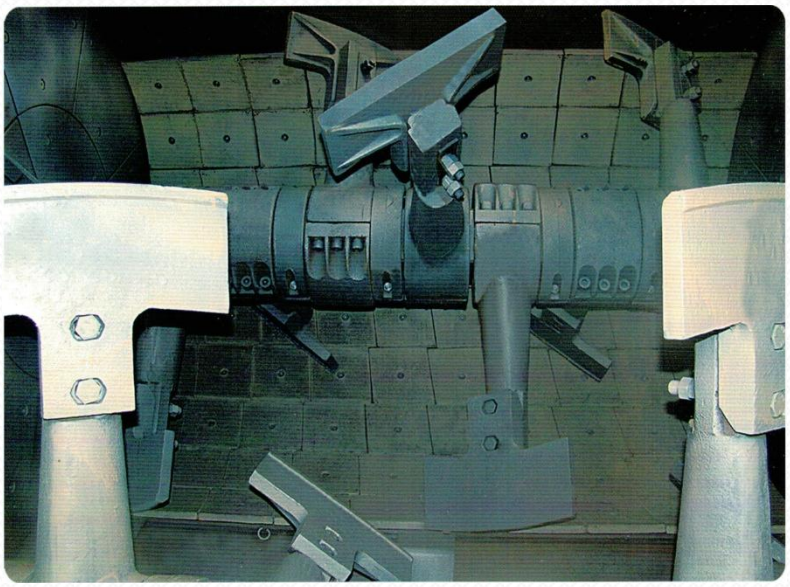
型 号 Model	KTSA1000	KTSA1250	KTSA1500	KTSA2000	KTSA2500	KTSA3000	KTSA3500	KTSA4000	KTSA4500
进料容量(L) Charging Volume	1500	1750	2250	3000	3750	4500	5300	6000	6750
出料容量(L) Discharging Volume	1000	1250	1500	2000	2500	3000	3500	4000	4500
最大粒径(mm) Max of Aggregate	80/100	80/100	80/100	80/100	80/100	80/120	80/120	80/150	80/150
重量(t) Weight	5.20	5.50	5.80	7.50	8.50	9.20	9.60	12.20	12.50
电机功率(KW) Motor Power	18.5x2	22x2	30x2	37x2	45x2	55x2	55x2	75x2	75x2
外型尺寸(mm) Dimension	2810x2000 X1920	3020X2000 X1920	3230X2000 X1920	3460X2320 X2140	3670X2320 X2140	3880X2600 X2200	4100X2600 X2200	4670X2600 X2200	4890X2600 X2200
搅拌时间(s) Mix time	≤30	≤30	≤30	≤30	≤30	≤30	≤30	≤30	≤30





✧ KTSW Dam Work Series Twin Shaft Compulsory Concrete Mixer

KTSW Dam-Work Concrete Mixer is applicable to stirring the large skeletal grain and dry hard water conservancy concrete. The stirring arm of the water conservancy concrete mixer is perpendicular (90°). The thick stirring arm, agitating vane and lining plate bring high strength and good abrasion performance.



Technical Parameters >>

型 号Model	KTSW1500/1000	KTSW1750/1250	KTSW2250/1500	KTSW3000/2000	KTSW3750/2500	KTSW4500/3000	KTSW5300/3500	KTSW6000/4000	KTSW6750/4500
进料容量(L) Charging Volume	1500	1750	2250	3000	3750	4500	5300	6000	6750
出料容量(L) Discharging Volume	1000	1250	1500	2000	2500	3000	3500	4000	4500
实际产量（L）Actual Output	700	850	1000	1500	1750	2000	2500	3000	3300
最大粒径(mm) Max of Aggregate	80/100	80/100	180	180	80/100	180	80/120	180	80/150
重量(t) Weight	5.20	5.50	5.8	7.6	8.50	9.4	9.60	12	12.50
电机功率(KW) Motor Power	18.5x2	22x2	30X2	37X2	45x2	55X2	55x2	75X2	75x2
外型尺寸(mm) Dimension	2810x2000 X1920	3020X2000 X1920	3230X2000 X1920	3460X2320 X2140	3670X2320 X2140	3880X2600 X2240	4100X2600 X2200	4670X2600 X2240	4890X2600 X2200

✧ KTSL Spiral Belt Type Concrete Mixer

The spiral belt type concrete mixer uses spiral belt type agitation technology, and the agitating vane is arranged like a spiral belt, realizing fierce and abundant agitation, and uniform agitation in a shorter time. The mixing speed increases by over 20% and saves over 10% of power compared with the conventional shovel-shaped mixer.

The technical parameters is same with KTSA series double horizontal shaft concrete mixer, but improved mixing arm type and use spiral layout, strong and enough in mixing activity, short in mixing time.

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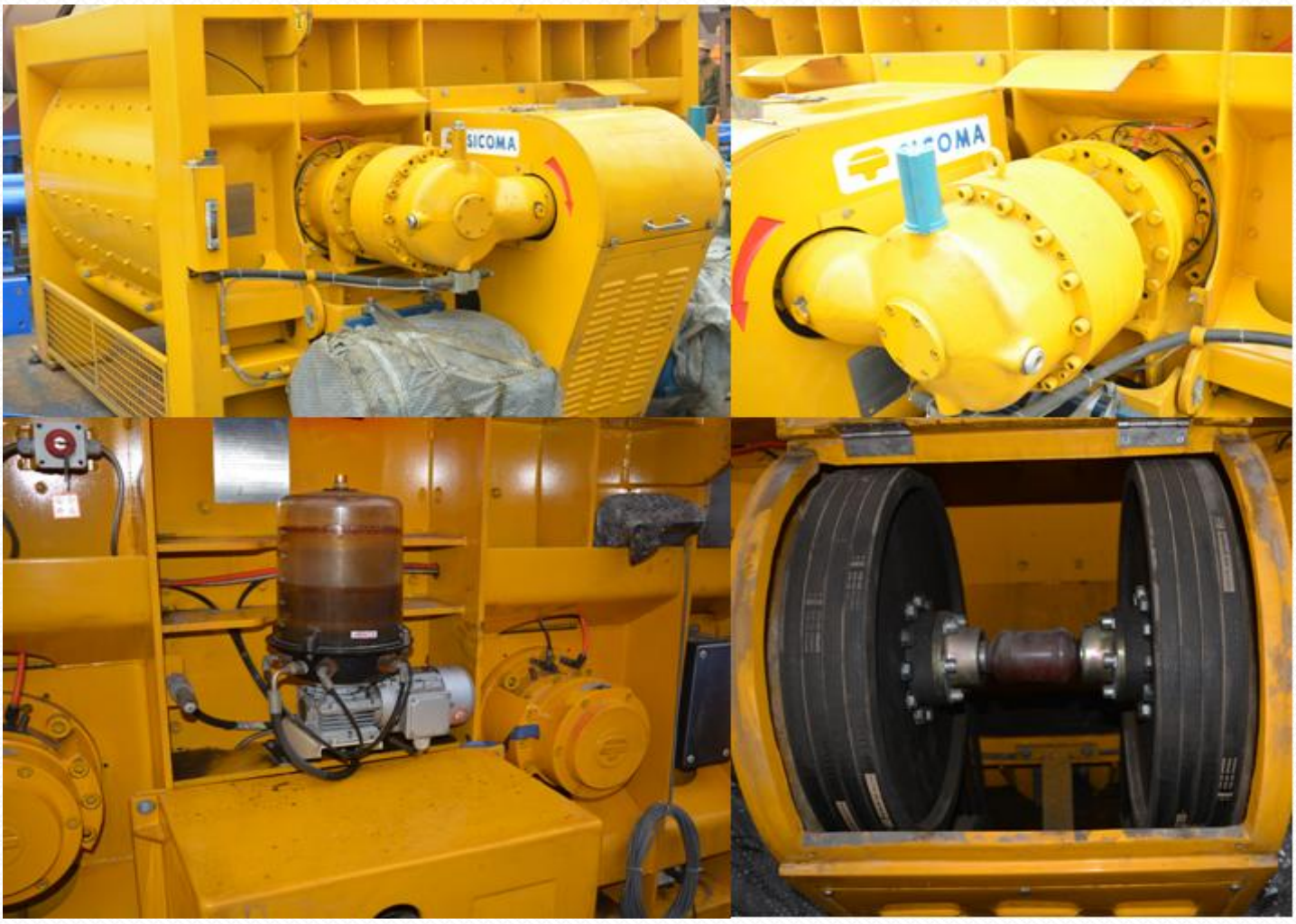
✧ SICOMA MAO/MSO Series Twin Shaft Compulsory Concrete Mixer

SICOMA concrete twin shaft mixer is widely used for mixing commercial concrete, premixed concrete, and precast concrete, etc. The SICOMA concrete mixers is made in Sicoma zhuhai factory, It is the Sicoma Italy largest production base of the mixer.

Technical Parameters >>

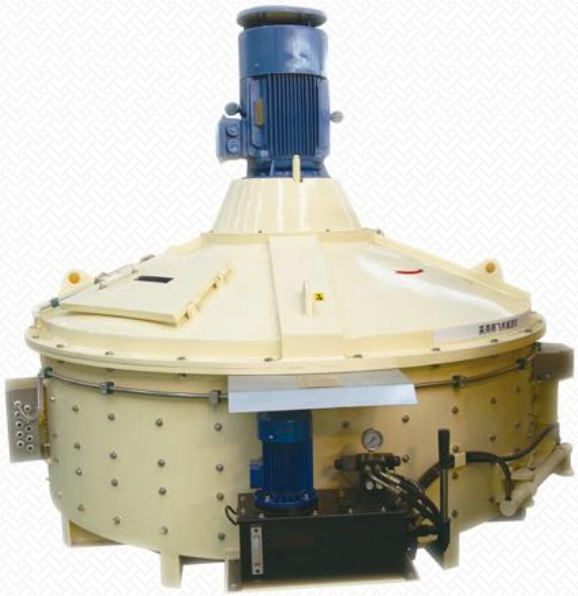
Model	Charging Capacity	Rated Capacity	Mixing blade	Transmission System	Weight(T)	Dimensions(mm)
MEO1250/750	1250 L	750 L	10	2×18.5 kw	4.3	2665×1976×1955
MSO1500/1000	1500 L	1000 L	12	2×18.5 kw	5.05	2875×2000×1955
MSO1750/1250	1750 L	1250 L	12	2×22 kw	5.13	2875×2000×1955
MAO2250/1500	2250L	1500 L	12	2×30 kw	6.5	2740×2320×2122
MAO3000/2000	3000 L	2000 L	16	2×37 kw	7.5	3275×2320×2252
MAO3750/2500	3750L	2500L	16	2×45 kw	8.4	3481×2320×2252
MAO4500/3000	4500 L	3000 L	18	2×55 kw	9.2	3771×2600×2270
MAO5250/3500	5250L	3500L	18	2×55 kw	9.7	3971×2600×2270
MAO6000/4000	6000 L	4000 L	20	2×75 kw	11.8	4469×2600×2225
MAO6750/4500	6750L	4500 L	22	2×75 kw	12.2	4669×2600×2225
MAO7500/5000	7500 L	5000 L	20	2×90 kw	15	4400×3100×2530
MAO9000/6000	9000 L	6000 L	24	4×55 kw	18	5395×3100×2530



✧ MX Planetary Concrete Mixer

MX Planetary Concrete Mixer is applicable to stirring the dry hard and half-dry hard high grade concrete for tubular pile, sleeper and floor tile. The main parts including reduction gears, bearing and oil seal are imported with original packaging, and are featured by steady and reliable transmission and long service life.

The planetary vane is featured by conventional design and faster mixing speed. The vane and lining plate are made from wear-resistant high-chromium alloy material and have long service life.



Technical Parameters >>

型号	MX500	MX750	MX1000	MX1500	MX2000	MX3000
拌筒容积(L)	750	1120	1500	2250	3000	4500
搅拌容量(L)	500	750	1000	1500	2000	3000
电机功率(KW)Motor Power	18.5	30	37	30X2	30X3	37X3

✧ Other Type of Mixing Equipments

i. MXG Dry-Mortar Mixer
ii. SMJ Continuous Mortar Mixer
iii. HJ Horizontal Dry powder Mixing Drum
iv. QL-2000 Foam Concrete Mixer
v. JZM, JDC, JDC Series Drum Type Small Concrete Mixer

✧ Concrete Truck Mixer

Concrete mixer is a device that homogeneously combines cement, aggregate such as sand or gravel, and water to form concrete. A typical concrete mixer uses a revolving drum to mix the components. For smaller volume works portable concrete mixers are often used so that the concrete can be made at the construction site, giving the workers ample time to use the concrete before it hardens.

Product Features>>

1.The chassis is newly developed. Gearboxes provide multiple shifts. Fuel consumption is reduced while climbing ability is increased.

2.Moreover,oil pump, motor and gear reducer are of famous brands to ensure faster discharge and work safety.

3.The drum body is made of Q345B Mn board with high wear-resistance. The concentricity is high. Feeding is designed easier. The special seals reduce the overflow problem. The seal head is punched. Deform or open welding do not happen.

4.The mixing drum is designed with big volume to ensure bigger storing and mixing space.The drum is slim which lowers the gravity center and ensures better stability.

5.The components are wear-resistant. High strength wear-resistant materials cover the discharge trough and increase the service life. The drum is argon-arc welded. The punched blades are deform resistant. The service life of drum and blades are at least twice as that made of normal materials.

6.Cleaning and watering are easy. Four waterways make the cleaning and watering process more convenient.

7.The discharge residue is small and speed is quick. The blades are designed by 3D curve logarithmic method. The discharge is even with a speed larger than 0.2m3/min. The discharge residue rate is less than 0.1%--that is much lower than the national standard of 2%.

Technical Parameters of the Machine On the Truck>>

Model	JC3 m ³D	JC4 m ³D	JC6 m ³D	JC8 m ³D	JC8 m ³	JC10 m ³	JC12m ³
Overall Dimension (L*W*H)	3983×(1100+943) ×2175mm	4350×(1100+950) ×2350mm	5180×(1135+1046) ×2580 mm	6015×(1150+1100) ×2632mm	6015×(1150+1100) ×2632mm	6744×2372 ×2716mm	7300×2372 ×2750mm
Dimension of bottom machinery (L*W*H)	3200×860 ×120 mm	3600×860 ×120 mm	4430×860 ×140 mm	4900×860 ×160 mm	4900×860 ×140 mm	5580×860 ×140 mm	6100×860 ×140 mm
Nominal mixing capacity of tank	3m³	4m³	6m³	8m³	8m³	10m³	12m³
Geometrical volume of tank	5.5m³	6.8m³	9.6m³	13.4m³	13.4m³	16.4m³	19m³
Coefficient of loading ratio	0.545	0.588	0.625	0.545	0.545	0.61	0.63
Drum rotating speed	0-14rpm	0-14rpm	0-14rpm	0-12.5rpm	0-14rpm	0-14rpm	0-14rpm
Inclinated angle of mixing tank axial line	16°±15′	16°±15′	15°±15′	15°±15′	15°±15′	11°±15′	11°±15′
Inlet height	2072 mm	2250-2350 mm	2446 mm	2552 mm	2552 mm	2716 mm	2750 mm
Inclinated angle of discharge duct	45°						
Dumping direction of discharge duct	180°						
Length of discharge duct	1900(1450+450) mm						
Applicable to transport concrete	40-210mm						
Residual rate	<1%	<1%	<1%	<1%	<1%	<1%	<1%
Water tank capacity	180L	180L	180L	180L	420L	420L	420L