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7-9CBM concrete truck mixers

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7-9CBM concrete truck mixers are truck mounted concrete mixers used to keep cement or concrete in a liquid state while the truck is traveling, which consisting of drive system, mixer system, transmission system, concrete pumps and gearbox etc.

7-9CBM concrete truck mixers images



The characteristics of truck-mounted concrete mixers

- ◆ Mixer system working with concrete transport trucks, used for mixing and transporting concrete
- ◆ High-grade components: adopt drive train and hydraulic system
- ◆ Different mixer truck parts are made from different steel, such as mixing blades are made from Wuhan steel or Baoshan steel material in different thickness.
- ◆ Can be designed with 2-axle or 3-axle front discharge concrete mixers
- ◆ Rear parts include that ladder with spacious access platform allowing work to be carried out safely
- ◆ High travel ability, can be used in rough terrain
- ◆ Mixing drum is made from steel with high mechanical strength

concrete mixer



batching plants



concrete trucks



trailer pump



gunite machine



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- ◆ Gearbox includes flange bolts, breather vent, mounting bolts and sight gauge, and which should be observed daily for leaks or loose bolts before working
- ◆ Adopts hydraulic motor mounting and should be sealed, the output flange also should be sealed
- ◆ Trucks agitator is designed according to agitator speed and driven by motor or fuel
- ◆ Concrete slump is designed in accordance with truck height or specifications
- ◆ Multi types of chassis matched, such as ISUZU/SINOTRUK/NISSAN/HINO/FOTON etc.

7-9CBM concrete truck mixers structures



7-9CBM concrete truck mixers benefits

- ◆ Logarithmic spiral blades adopts special mold cold press molding, to improve the speed of concrete feeding and conveying, and connectivity way is welding process
- ◆ Hydraulic system adopts popular brand in the world and imported by Italy, Germany, America to provide high performance and high properties
- ◆ The upper mixing drum capacity is designed in 7m³, 8m³, 9m³, also manufacture large volume
- ◆ Long service life and more humanization design, such as large power tail-lamp at rear part, for night working and safety
- ◆ High strength drum drive gearbox, drum drive system hydrostatic transmission

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7-9CBM truck-mounted concrete mixers main specifications

Model	7m3	8m3	9m3
Overall size (mm)	7800(L)x2480(W)x3650 (H)	8620(L)x2490(W)x3850 (H)	9130(L)x2500(W)x3850 (H)
Tank body dimension(mm)	3859xΦ2112	4720xΦ2300	4990xΦ2330
Mixing volume(m ³)	7	8	9
Feeding speed (m ³ /min)	≥2	≥3	≥3
Unloading speed (m ³ /min)	≥1.5	≥2	≥2
Discharge residue rate	≤0.5%	≤0.5%	≤0.5%
High pressure oil pump	High-Tech, China	ABK pump,Italy	ABK pump,Italy
Hydraulic motor	High-Tech, China	ABK motor,Italy	ABK motor,Italy
Reducer	High-Tech, China	PMB6.5sP	PMB6.5sP, Italy
Water supply system	Air pressure 180L water tank, homemade sprinkler	Water supply by air pressure (450L water tank), homemade sprinkler	
Air-condition	0.4MPa	SINOTRUK special air condition	
Chassis (4*2)			
Model	BJ1162VJPHD-F1	ZZ1256M3246F	ZZ1257M3847C
Wheel base (mm)	4200	3225+1350	3625+1350
Tread f/r (mm)	1950/1860	1939/1800	2022/1830
Max. Speed (km/h)	80	70	90
Steering system	Recirculating ball steering, power steering	Imported ZF8098 hydraulic power steering	
Transmission	Manual	Manual	Manual
Brake system	Air-pressure braking system	Dual circuit air-pressure braking system	
Engine (Euro-IV)			
Model	YC6J190-33	WD615.93	WD615.95E
Max. Power (hp)	190	290	336
Engine type	L6, Water-cooled, 4-strokes supercharged inter-cooling diesel engine	L6, Water-cooled, 4-strokes supercharged inter-cooling diesel engine	
Fuel type	Diesel oil	Diesel oil	Diesel oil

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