
FOTON FORLAND Small Concrete Mixer Truck

THE FOTON FORLAND CHASSIS SMALL CEMENT MIXER TRUCK

Introduction to the concrete mixer truck:concrete truck mixer, concrete mixing transporter is also called commercial concrete truck, composed of automobile chassis and concrete mixing transportation dedicated device. Is used to transport ready-mixed concrete used in special trucks; Because of its appearance, also often referred to as field snail. Truck is equipped with drum type mixing drum to carry concrete, in the process of transportation will always keep stirring drum rotation, to ensure the delivery of concrete will not condensation.

Cement Transit Mixer Working Principle is that by taking power device to take out car chassis power, and drive hydraulic system of the variable pump, the mechanical energy into hydraulic energy to quantitative motor, motor and drive reducer, driven by speed reducer mixing plant, for mixing concrete.

Driving Cab: the long flat driving cab, not only shorten the length of the car and wheelbase, still can reduce car servicing quality, improve the mobility, and provides a wide field of vision for the driver and the internal structure of the atmosphere, to facilitate driving flexibility and operability.



Gearbox:

Apply by 9 level gearbox with vice transmission, two intermediate gear at work for shaft gear and the radial force equal to the size, in the opposite direction, offset each other, make the main shaft torque under only, not under bending moment, to improve the spindle and force of the bearing, and greatly improves the transmission reliability and durability, the use of the serration gearbox, deputy box drive gear shaft neck with two grooves, built-in type O rubber ring, and bearing form elastic support, improve the performance of second hinge axis. Method and transmission quality is durable, has been widely recognized.

The tyres: the original 9.00-9.00 vacuum nylon tires, 9.00 R20.00 vacuum steel wire tyre options

Cleaning system: cleaning system is the main purpose of cleaning the mixing barrel, is also sometimes used to transport on the way to dry mixing drum. Cleaning system and cooling effect to the hydraulic system.

Hydraulic system: It is the most critical part of the whole process of loading and unloading, took the power of the engine power, into hydraulic energy (displacement and pressure), then through the output of the motor as the mechanical energy (rotational speed and torque), for mixing drum rotation.



Mixing System:

Taken the stirring device is mainly composed of mixing drum and auxiliary support components. Mixing drum of concrete loaded containers, rotates the concrete along the blade spiral direction, constantly in the process of ascension and turning by mixing and stirring. In the process of feeding and transport, mixing barrel forward, concrete, moving along the blade into the discharge, the mixing tube inversion, the concrete to discharge along the blade. Blade is the core component in mixing

plant, serious wear and tear or damage can lead to concrete mixing unevenly. In addition, the angle of the blade if the design is not reasonable, still can make concrete segregation.

Reducer:

To transform the hydraulic system in the motor output speed slow down, to the mixing drum.

The Cooling System:

Cooling system uses high temperature circulating oil to the hydraulic pump, hydraulic motor in the working process of the heat through the heat sink and fan out, avoid high temperature caused damage of hydraulic system and work properly.

Drum Body:

Tanks using national standard 4.4 mm on the local high quality carbon steel plate, and adopts world advanced manufacturing equipment, pressure volume one-time roll pressure molding manufacturing process, mechanical horizontal seam, computer control automatic molding head, inside and outside the full welded butt, no burrs, no bubble, no sawtooth, more beautiful and easy, overall stronger, combined with the forming solid, permanent deformation. The tank body with high strength, center of gravity, the vehicle carrying smooth security etc. Try using infrared scanning after molding leak detection of tank, shot peening pretreatment process, realize the rust removing rust, paint metallic paint coating, high imitation cars more fashionable appearance, anti rust time longer.



Standard Configuration:

- 1.The optional configuration: steel wire tire, imported hydraulic parts, hydraulic motor, variable plunger pumps, reducer, cooler.
2. Imported four items: imported four items means the mixer hydraulic motor, variable plunger pumps, reducer, cooler.

Product link : <https://www.mitnikmachine.com/?p=1272>