
DONGFENG 6m³/8m³/10m³/12m³/14m³ Concrete Transit Mixer

THE DONGFENG CHASSIS

CONCRETE TRANSIT MIXER FOR SALE

According to the concrete mixer truck concrete shipment by water content have a wet type, dry type and a half dry mixing transportation car. Wet material is used most of domestic type concrete mixer truck, it can be produced by mixing plant (station) of shipment or by the mixing ratio of concrete aggregate (sand and gravel), cement and water, in the course of carriage, wet material slowly stir constantly, prevent concrete initial setting and segregation during the transit. However, from production to the pouring of concrete time generally can't more than 1.5 h, so as to avoid concrete condensation. So, in the case of more long-distance transport, need to use dry and semi-dry material mixing truck to transport.



Introduction to the concrete truck mixer structure:

1. Mixing barrel is a major part of the concrete truck, mainly by the cylinder, sealing tube, blade and mix of leaf. Hopper type of sealing pipe can ensure smooth feeding, curved surface of the blade is helpful to low slump concrete discharging performance of the blade on the hole, can reduce the concrete on the adhesion, is conducive to improve the quality of ready-mixed concrete. Above the mixing barrel is installed in support, the front two roller support, mixing barrel with manhole, easy to maintenance.

2. The transmission system

Driving system consists of the original car engine force method, namely through the chassis after the engine output power, to pass through the universal coupling power transfer to the variable plunger pump, hydraulic pump of high pressure oil driving quantitative piston motor, hydraulic motor will power and is passed on to the reducer drive forward or reverse rotation mixing barrel, realize feeding

stirring, mixing and discharging, the output of the reducer flange can be in the range of $+ 6^{\circ}$ deflection, can compensate the mixing drum axis shift, to ensure that the mixing drum drive is not affected by distortion in the process of the car.

3.The hydraulic system

Hydraulic system is mainly composed of hydraulic pump, hydraulic motor, oil filter, fuel tank, high-pressure tubing, low pressure oil pipe, such as tubing and filter components. Hydraulic pump is equipped with manual servo controller, can adjust the flow and flow of hydraulic oil, to control the steering and speed of the mixing tube. Mixing drum positive & negative can stepless speed regulation.



4. The control system

According to customer requirements can be divided into bar system controlling or soft shaft controlling. Truss manipulate distributed on both sides of the rear, on both sides of the rear are bar system control system, flipping control handle, the truss will lead to the regulating handle of hydraulic pump and the engine accelerator, to regulate the flow of hydraulic oil and direction, to control the

feeding and discharging of the mixing drum; Distribution of remote control with soft shaft in the rear left, easy and flexible, easy to manipulate.

5.The frame, roller and in and out of the device.

6. In and out of the device

In and out of the device have in frame by vice frame, front and back parts. Mounted on the auxiliary frame connected to the chassis frame, its under the hopper, discharge chute, before and after discharging chute, the regulating handle, etc. Discharging chute can be in a horizontal direction under 180 °, can adjust the height, in the vertical direction to adapt to the different conditions, it also has a locking device, can and should be fixed while the vehicle is locked, to ensure driving safety.

7. Water supply system

When using air pressure water supply, water supply system composed of gas reservoir, pressure reducing valve, check valve, air switch, of water tank and pipe accessories, used to flush the mixing drum blade mouth, feeding port, and discharging chute, and is equipped with a hose and water cannons to flush the body. When using water pump of water supply, water supply system by water pump, buzzer, of water tank and pipe accessories.



Product link : <https://www.mitnikmachine.com/?p=1274>