



Product Name :
Twin Shaft Compulsory Concrete Mixer

Product Code :
EQUP-UE-MXE0003



Description :

Twin Shaft Compulsory Concrete Mixer

Technical Specification :

Twin shaft compulsory concrete mixer consists of feeding device, mixing device, water supply device, unloading device, oil supply device and electrical control system.

Mixing system

The Mixing system consists of a motor, a belt conveyor, a gearbox, an open gear, a mixing tank, a mixing device, a lubricating device, and so on.

The electric motor drives the secondary gear transmission and the speed reducer through a belt pulley, and the two output shafts pass through two pairs of open gears, which respectively drive the agitator shafts of the two horizontal devices to reversely rotate at a constant speed to achieve even mixing.

Feeding system

The feeding system consists of a captive institution, a feeding track, a hopper, and so on

The brake motor of the hoisting machine drives the reel to rotate through the reducer, and the steel wire rope pulls the hauling bucket along the pulley and climbs along the track of the loading rack. When climbing to a certain height, a pair of rollers on the discharge door enter the horizontal ramp of the loading rack and the bucket door automatically open, the material is automatically opened, and the material is put into the mixing tank through the feed hopper. In order to ensure that the hopper is accurately in place, a limit switch is installed on the loading track to raise the limit and safety protection of the hopper.

Water supply system

The water supply system consists of a water pump, a motor, a cleaning device, and a water spray device.

The water pump can be injected into the mixing bowl when the water pump is started, and the two valves can regulate the flow of water. The total amount of water supply is controlled by the time relay. When the button is rotated to the "Time Control" position, the pump will run and stop automatically for the set time. When the button

is turned to the "Manual" position, the water supply can be continued.

Discharging system

Discharging mechanism is divided into three types: manual operation discharging, electric discharging and hydraulic discharging. In order to ensure the opening and closing position of the discharge door, a positioning device is provided. By adjusting the position of the sealing plate, the discharge door can be sealed.

Electrical System

The electrical control circuit is provided with an automatic switch and an AC contactor. It has the functions of short circuit protection, overload protection, and phase failure protection. The control buttons are arranged on the distribution box door and are equipped with a door lock. The outside of the button is provided with a protective cover.

Rated discharging volume: 500L 750L 1000 L

Rated feeding volume: 800L 1200L 1600 L

Rated productivity: ?25m³/h ?37.5m³/h ?50m³/h

Power of mixing motor: 18.5KW 30KW 37kW

Power of winch motor: 5.5KW 7.5kW 10kW

Power of water pump motor: 0.75kW 1.1kW 2.2kW

Discharging height: 1500mm 1600mm 1800mm

Dimension

Working state: 2600×3050×2100mm 3320×2400×2600mm 9700×3695×8460mm

Transportation state: 3870×3050×5250mm 3320×2400×4900mm 4400×2230×2700mm

Customized size and specification as per your drawing or sample. We Twin Shaft Compulsory Concrete Mixer suppliers UAE Dubai, can make the Twin Shaft Compulsory Concrete Mixer as per your request, specification, size and bulk quality Dubai.

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