



Automatic Tractor Mounted Concrete Pump Cement Line Pump Self Loading

Our Product Introduction

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Basic Information

- Place of Origin: Hunan
- Brand Name: Sunny
- Model Number: HBT80
- Minimum Order Quantity: 1 set
- Price: USD5000-7000 PER SET
- Packaging Details: FULL CONTAINER
- Delivery Time: 20-35DAYS
- Payment Terms: L/C, D/P, T/T, Western Union
- Supply Ability: 500 SET PER MONTH



Product Specification

- Application: Concrete Pump, Trailer Pump
- Warranty: 3 Years
- Model: HBT80
- Highlight: tractor mounted concrete pump,
tractor concrete pump, cement line pump



Product Description

HBT80 concrete pump Automatic Concrete Pump Tractor Mounted Cement Self Loading Concrete Pumps

Product Description

HBT series concrete pumps are excellent modernized concrete machinery developed with aid of advanced technology. They are high tech concrete machine which are incorporated with international advanced technology and experiences in designing to replace the traditional way to lift the concrete by labor force. they adopt the diesel engine drive and motor drive S valve pump and gate valve pump with excellent technical performance, high standard configuration and high reliability.

The concrete mixing pump consists of several key components:

Mixing System: The mixing system of the concrete mixing pump includes a mixing drum or a twin-shaft paddle mixer. It is responsible for blending aggregates, cement, water, and additives to produce a homogeneous concrete mixture. The mixing system ensures that the concrete is thoroughly mixed and ready for pumping.

Pumping System: The pumping system of the concrete mixing pump features a hydraulic piston or a rotary pump. It is designed to transport the mixed concrete from the mixing drum to the desired location. The pumping system provides the necessary pressure to push the concrete through the delivery pipeline efficiently.

Hopper and S-valve: The concrete mixing pump incorporates a hopper that receives the concrete mixture from the mixing drum. It also includes an S-valve, which controls the flow of concrete and prevents backflow during the pumping process. The S-valve ensures precise and reliable concrete delivery.

Diesel or Electric Engine: The concrete mixing pump is typically powered by either a diesel engine or an electric motor. The engine provides the necessary power for the mixing and pumping operations. Diesel-powered units offer greater mobility and are suitable for remote or off-grid construction sites, while electric-powered units are more environmentally friendly and suitable for urban areas with access to electricity.

Control System: The control system of the concrete mixing pump allows for easy operation and monitoring of the mixing and pumping processes. It enables operators to adjust the mixing and pumping parameters, control the flow of concrete, and monitor the performance of the equipment.



Parameters	Unit	HBT30.6.3 5S	HBT40.8.4 5S	HBT50.10.5 5S	HBT60.13.9 0S	HBT80.16.11 0S
Type of Power Machine	/	Electric/Diesel engine	Electric/Diesel engine	Electric/Diesel engine	Electric/Diesel engine	Electric/Diesel engine
Pumping Volume(Max)	m ³ /h	30	35	52	66	75
Outlet Pressure	Mpa	6	8	10	13	13
Hydraulic System Type	/	Open	Open	Open	Open	Open
High/Low Switch	/	Rotary Valve	Rotary Valve	Rotary Valve	Rotary Valve	Rotary Valve
Rater Power	kw	35	45	55	90	90
Distribution Valve Type	/	S Valve	S Valve	S Valve	S Valve	S Valve

Concrete Cylinder Diameter*Stroke	mm	Φ125*600	Φ140*1000	Φ200*1000	Φ200*1650	Φ200*1800
Hopper Capacity*Feeding Height	L*m m	350*1000	350*1100	600*1400	600*1400	600*1400
Max.Aggregate Size	mm	Pebble:20; Crushed Stone:20	Pebble:20; Crushed Stone:20	Pebble:50; Crushed Stone:40	Pebble:50; Crushed Stone:40	Pebble:50; Crushed Stone:40
Total Weight	kg	2300	2500	4500	6000	6100
Dimension(L*W*H)	mm	3800*1500*1600	4500*1500*1650	5100*1700*2000	6400*2100*2200	6400*2100*2200

Product Features:

1. Agitation by the entire shaft axis design, embolization motor, strictly ensures the coaxial.
2. Double-loop open circuit hydraulic system, ensure fast direction switching speed and high efficiency
3. The distribution valve adopts the advanced S pipe valve system which consists of hard alloy eyeglass plates, cutting rings and rubber springs.
4. It has good sealing performance; the structure is simple and reliable, and convenient replacement of the wearing parts;
5. The pump is assembled through streamlined production with strictly control on the process to make sure its high quality.



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