

CONCRETE PUMPING MAINTENANCE TIME

For the concrete pump, regular inspection and maintenance can prevent the machine from failure and ensure its normal operation.

The maintenance of the concrete pump can extend the service life of the equipment, and the cheapest repair is maintenance.

Concrete pumping maintenance time

How often should the concrete pump truck be maintained? Following maintenance table for review.

No.	Parts	Maintenance Item	Time					
			Day	50H	100H	250H	500H	1000H
1	All safety features	Check and inspect the concrete pump functional.	●					
2	Water Tank	Fill up with clean water.	●					
3	Light	Check the light information.	●					
4	All fasteners	Check and tighten according to the Fastener Torque Chart.	●					
5	Grease	All grease place.	●					
6	whole concrete pumping	After the concrete pouring, thoroughly remove the hopper, vibrator, main oil cylinder, s-pipe valve and external residual concrete.	●					

7		Check the water tank water quality, replace and fill up with clean water.	●					
8		Clean off the concrete from all parts, and inspect the wear information.	●					
9	Hopper	Check Vibrator Fasteners	●					
10		Check the bearing, fixing and sealing at both ends of the agitator shaft.		■				
11		Check agitator blade fasteners.		●				
12		Cleaning and checking the safety function of limit switches.	●					
13	Wear plate and Cutting rings	Check and adjust the gap space.		■	●			●
14		Check for wear information.	●					
15	S Valve	Check the swing shaft end seal.	●	■	●			
16		Check Swing Rocker Bolt Torque.		■			●	
17		Check oil cylinder seals.	●					
18	Grease	Cleaning and fill up grease.	●					
19	Lubrication	Check lube oil pump function, grease tank oil level.	●					
20	Oil cylinder	Check piston bolts and clamps.		■	●			
21		Judging the wear of the piston according to the water quality of the water tank.	●					

22		Judging the sealing condition of the hydraulic cylinder according to the water quality of the water tank.	●					
23		Check the wear of delivery cylinder.					●	
24		Check hydraulic cylinder electromagnetic sensor function	■					
25	Delivery pipeline	Check the clamp seal information.	●					
26		Check the dlivery pipe and elbow thickness, and turn 120 degree.		●				
No.	Parts	Maintenance Item	Time					
			Day	50H	100H	250H	500H	1000H
27		Clean off the concrete from all parts, and inspect the wear information.	●					
28	Sleeve	Fill up with grease		●				
29	Turret system	Clean and inspect the wear of gear ring.		●				
30		Fill up with grease at gear rings.		●				
31		Check the gear fasterning bolts.				■	●	
32		Check the support system.						
33	Hydraulic	Check the oil pipes and joints if it is leakage.	●					
34		Check hydraulic cylinder, hydraulic motor seal.	●					
35		Check the hydraulic cylinder and hydraulic motor fasteners.		●				
36		Check the boom valve control.	■	●				

37		Check the pumping system control.	▪	●				
38	Filter	Check the negative pressure gauge.	●					
39		Clean the filter.				●		
40		Change the filter.				●		
41	Hydraulic system	Check hydraulic tank level	●					
42		Drain condensate.		●				
43		Clean the radiator		●				
44		Change the hydraulic oil.			●			
45	Water pump	Check the grease level.	●					
46		Clean and inspect the water filter.		●				
47		Check the gauge pressure.	▪ ●					
48		Change the grease.			●			
49	Remote control	Check remote control, plug, socket.	●					
50		Check the battery.	●					