



Gaode Equipment CO., LTD.

No.9, Building 14, Yard No.4, Fengqing Road, Jinshui District, Zhengzhou, Henan China

Small aggregate concrete pump



1. Description:

Concrete pump is used to convey ready concrete through a pipeline. This is widely used in building construction. HBT series small aggregate concrete pumps have successfully widely used in the pumping concrete at small projects.

2. Application:

- 1) Conveying floor heating lightweight foamed cement, mortar, fine aggregate concrete.
- 2) Conveying refractory and insulation materials.
- 3) Conveying greening soil in ecological environment construction.
- 4) Conveying all kinds of engineering construction in the plain concrete, fiber concrete.
- 5) Pressure grouting of foundation pile.

3. Features:

1. Use S-valve to switch the direction, for fine stone concrete conveying.
2. Good sealing S-valve, installed with floating wear resistant ring.
3. High-quality wear resistant alloy components for long service-life.
4. High delivery pressure for demand of high-rise and long distance projects.
5. Double-loop open circuit hydraulic system, ensure fast direction switching speed and high efficiency.



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- Air cooling system, without dependence of external water supply.
- With re-pumping function to smooth construction of better accessibility.
- Automatic lubrication system for long service-life.
- PLC system to ensure best electrical control performance.
- Equipped with wired remote controller, easy to operate

4. Technical data

Model No.	GXHBT-15S	GXHBT-15SA	GXHBT-20SD	GXHBT-20SG
Max. theoretical concrete output(m ³ /h)	15	15	20	20
Max. theoretical concrete pumping pressure(Mpa)	6	8	10	11
Theoretical vertical conveying height(m)	80	110	140	160
Theoretical level transmission distance(m)	300	400	500	600
Max. Aggregate particles(mm)	30	30	30	30
Slump (cm)	12-23	12-23	12-23	12-23
Concrete tube conveying diameter(mm)	100A/80A	100A/80A	100A/80A	100A/80A
Transporting cylinder number (pieces)	2	2	2	2
Concrete cylinder diameter*route	Φ140×700	Φ140×700	Φ140×700	Φ140×1000
Hydraulic oil tank volume(L)	180	180	180	240
Filling height(mm)	1100	1100	1100	1100
Hopper volume(m ³)	0.3	0.3	0.3	0.35
Rated electric power (kw)	30	30	30	37
Overall dimension (L×W×H)(mm)	4000*1350*1550	4000*1350*1550	4000×1350×1550	4650×1500×1650
Total weight(kg)	1950	2200	2200	2800



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Model No./Concrete pump	GXHBT-25S	GXHBT-25SG	GXHBT-30S	GXHBT-35S
Max. theoretical concrete output(m ³ /h)	25	16/25	20/30	23/35
Max. theoretical concrete pumping pressure(Mpa)	8	14/9	11/6.8	11/6.8
Theoretical vertical conveying height(m)	110	200	160	160
Theoretical level transmission distance(m)	400	750	600	600
Max. Aggregate particles(mm)	30	30	30	30
Slump (cm)	12-23	12-23	12-23	12-23
Concrete tube conveying diameter(mm)	100A/80A	100A/80A	100A/80A	100A/80A
Transporting cylinder number (pieces)	2	2	2	2
Concrete cylinder diameter*route	Φ140×1000	Φ140×1000	Φ140×1000	Φ140×1000
Hydraulic oil tank volume(L)	220	240	240	240
Filling height(mm)	1100	1100	1100	1100
Hopper volume(m ³)	0.35	0.35	0.35	0.35
Rated electric power (kw)	37	37	37	45
Overall dimension (L×W×H)(mm)	4650*1500*1650	4650*1500*1650	4650*1500*1650	4650*1500*1650
Total weight(kg)	2500	2900	2800	2880



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Model No./Diesel Concrete pump	GXHBT-20SR
Max. theoretical concrete output (m ³ /h)	13/20
Max. theoretical concrete pumping pressure (Mpa)	11/6.8
Theoretical vertical conveying height (m)	160
Theoretical level transmission distance (m)	600
Max. Aggregate particles (mm)	30
Slump (cm)	12-23
Concrete tube conveying diameter (mm)	100A/80A
Transporting cylinder number (pieces)	2
Concrete cylinder diameter*route	Φ140×1000
Hydraulic oil tank volume (L)	350
Hopper volume (m ³)	0.35
Filling height (mm)	1100
Diesel engine power (kw)	46
Overall dimension (L×W×H) (mm)	5000×1700×2100
Total weight (kg)	3000





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