

## Hydraulic mortar pump



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### Introduction

YSB series hydraulic mortar pumps have different output. The output is from 2 CBM to 20CBM. The technical performance and quality is on the leading level.

### Application

1. Convey heating, heat insulation, light weight foam cement mortar.
2. Convey light-weight foam cement, mortar for ground heating, heat insulation.
3. Convey and injection of fireproof and heat preservation materials.
4. Press grouting and filling for all kinds of engineering and construction
5. Press grouting of pile foundation.

### Features

## Hydraulic mortar pump

1. This series of mortar pump has high pumping pressure;
2. Less mechanical wear;
3. Convenient and flexible movement;
4. Easy to operate and maintain.

### Data sheet

Model No./ mortar pump	YSB-2A	YSB-2B	YSB-2S
Max. theoretical concrete output (m <sup>3</sup> /h)	2	2	2
Max. theoretical concrete pumping pressure (Mpa)	8	5.5	5.5
Max. Aggregate particles (mm)	8	8	8
Cement-sand Ratio	≥1:3	≥1:3	≥1:3
Water Cement Ratio	0.4~0.6	0.4~0.6	0.4~0.6
Conveying Pipe Inner Diameter	Φ70	Φ70	Φ70
Material Cylinder Bore * Stroke	Φ100*400	Φ100*400	Φ100*400
Conveying Cylinder Quantity (piece)	1	1	1
Oil Cylinder Bore * Stroke (mm)	Φ80*400	Φ63*400	Φ63*400
Hydraulic System Max. Working Pressure (Mpa)	13	14	14
Hydraulic oil tank volume (L)	90	90	90
Filling height (mm)	750	750	750
Hopper capacity (L)	65	65	65
Motor power (kw)	11	7.5	7.5
Overall dimension (L×W×H)(mm)	3500*1250*1200	3500*1250*1200	3500*1250*1200
Total weight (kg)	600	550	550

## Hydraulic mortar pump

Model No./mortar pump	YSB-3	YSB-4	YSB-5
Max. theoretical concrete output (m <sup>3</sup> /h)	3	4	5
Max. theoretical concrete pumping pressure (Mpa)	5	4	5
Max. Aggregate particles (mm)	8	8	8
Cement-sand Ratio	≥1:3	≥1:3	≥1:3
Water Cement Ratio	0.4~0.6	0.4~0.6	0.4~0.6
Conveying Pipe Inner Diameter	Φ70	Φ70	Φ70
Material Cylinder Bore * Stroke	Φ100*400	Φ125*400	Φ100*500
Conveying Cylinder Quantity (piece)	1	1	2
Oil Cylinder Bore * Stroke (mm)	Φ63*400	Φ80*400	Φ63*400
Hydraulic System Max. Working Pressure (Mpa)	13	13	13
Hydraulic oil tank volume (L)	90	100	170
Filling height (mm)	750	-	-
Hopper capacity (L)	65	-	-
Motor power (kw)	7.5	11	11
Overall dimension (LxWxH)(mm)	3500*1250*1200	3500*1250*1200	3580*1250*1200
Total weight (kg)	550	680	900

Model No./ mortar pump	YSB-6	YSB-10	YSB-20
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## Hydraulic mortar pump

Max. theoretical concrete output (m <sup>3</sup> /h)	6	10	20
Max. theoretical concrete pumping pressure (Mpa)	4	6	6
Max. Aggregate particles (mm)	8	8	8
Cement-sand Ratio	≥1:3	≥1:3	≥1:3
Water Cement Ratio	0.4~0.6	0.4~0.6	0.4~0.6
Conveying Pipe Inner Diameter	Φ70	Φ70	Φ70
Material Cylinder Bore * Stroke	Φ125*500	Φ140*500	Φ140*1000
Conveying Cylinder Quantity (piece)	1	2	2
Oil Cylinder Bore * Stroke (mm)	Φ63*500	Φ80*500	Φ80*1000
System Max. Working Pressure (Mpa)	16	18	18
Hydraulic oil tank volume (L)	120	200	200
Filling height (mm)	-	-	-
Hopper capacity (L)	-	-	-
Motor power (kw)	15	18.5	30
Overall dimension (L×W×H) (mm)	3500*1300*1550	3100*1250*1300	3100*1250*1300
Total weight (kg)	750	1200	1900