

LPS-7A capacity adjustable mini concrete pump

Description:

LPS-7A capacity adjustable mini concrete pump use hydraulic pumping S valve structure, two oil cylinders Reciprocating motion alternately to pump concrete from conveying pipe to nozzle, Add compress air to wet shotcrete machine outlet and add A percentage of the accelerator at nozzle, concrete slurry be sprayed to surface directly.

LPS-7A output could be adjusted continuously: main oil pump is variable displacement plunger pump, spraying volume could be adjusted freely. Accelerating adding quantity could be adjusted continuously: according to concrete spraying volume adjust step-less.

Leadcrete equipped self-lubrication system for the wet shotcrete machine to automatic lubrication for main sealing parts, thus could lengthen wearing parts working life greatly.



Application:

LPS-7A mini concrete pump used for wet concrete spraying in mine, tunnel, culvert, metro, hydropower engineering, underground construction, slope protection etc. or for filling, grouting pumping concrete mortar etc.



郑州佰利得机器制造有限公司

Lead Equipment Co., Ltd.

地址 ADD: 郑州市中原区西流湖街道办事处铁炉村西四环东 邮编 P.C.:450042
 .Xisihuan Ring-Road East, Tielu,Xiliu lake sub-district, Zhongyuan District, Zhengzhou,
 网址 (Web) :<http://www.leadcrete.com> 邮箱 E-Mail: sales@leadcrete.com
 电话 TEL.:+86-371-63902781 传真 FAX:+86-371-63526676

Feature:

- Use S valve reversing, good sealing performance, longer working life;
- Equipped floating wearing ring on S valve, could self-compensating wearing;
- High outlet pressure, could meet the demands of concrete pumping for high building;
- Hydraulic system adopt air-cooler, easy operate, don't need water;
- With reverse function, reduce pipe plugged;
- Main oil pump is variable displacement plunger pump, spraying volume could be adjusted freely;
- Equipped self-lubrication system to automatic lubrication for main sealing parts, lengthen wearing parts working life;
- PLC control, With wireless remote control, easy to operate;
- With guide pulley, easy to move, location;
- Accelerating adding quantity could be adjusted continuously.

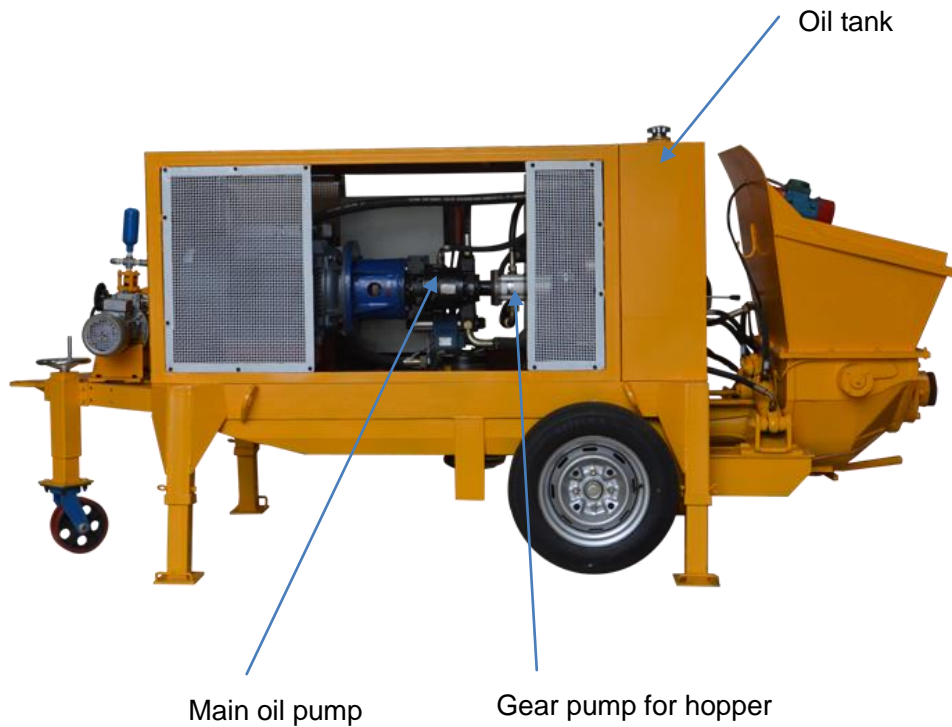
Technical data sheet:

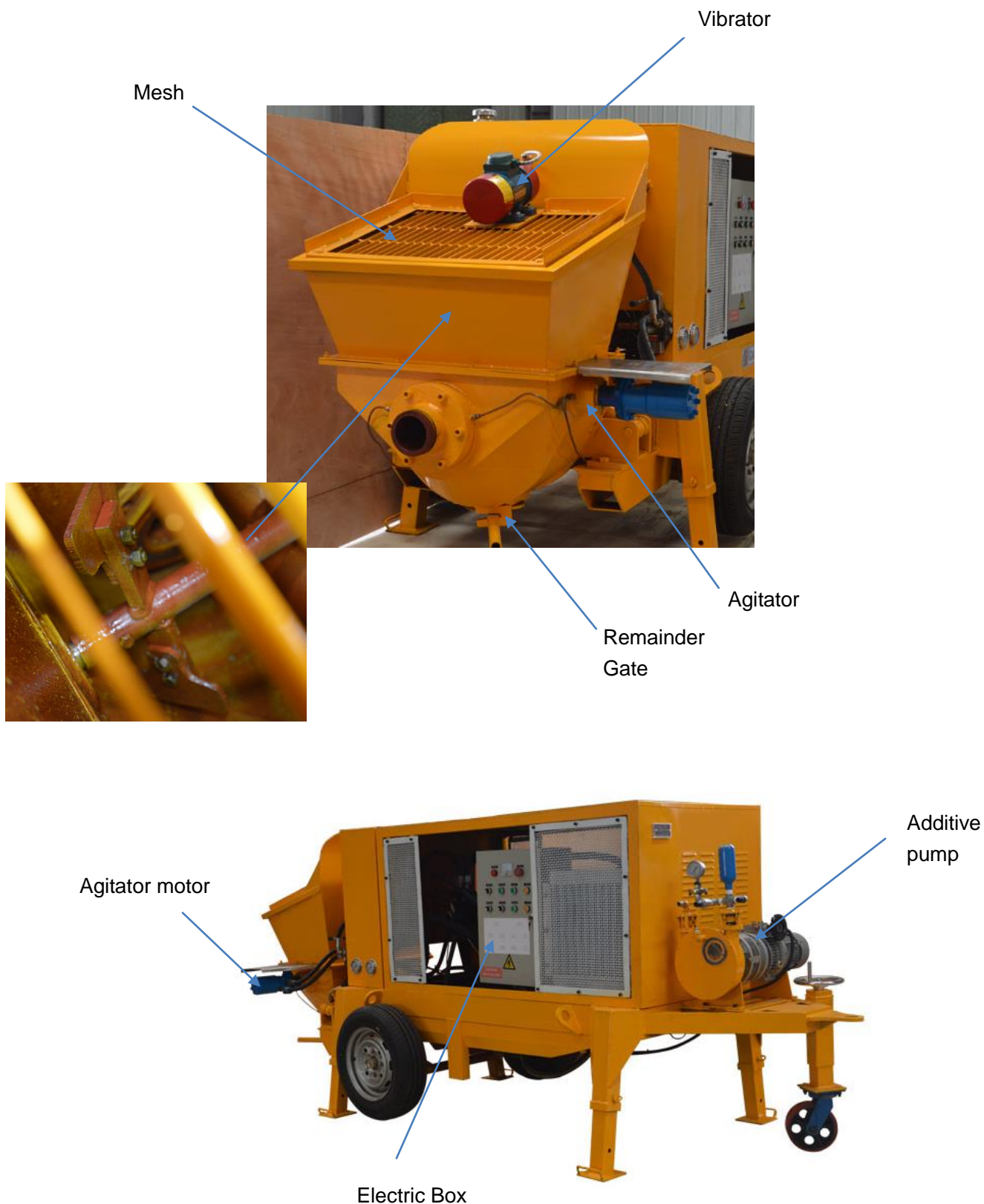
LPS-7A capacity adjustable mini concrete pump			
Item	spec	unit	Remarks
output	5-8	m3/h	
Max. pressure	8	MPa	
Distribution valve type	S valve		With accumulator
Stroke x cylinder ID	550x120	mm	
Hopper volume	210	L	With mixer and vibrator
Power	22	Kw	
rotation	1450	r/min	
Main oil pump	30-50	cc/Rev	constant power control, Manual variable
Hydraulic oil tank volume	160	L	
Air pressure	0.7	Mpa	shotcrete

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Air consumption	6	m3/min	shotcrete
Acceptable max. aggregate size	20	mm	
Suitable concrete slump	8-15	cm	
Accelerate flow	70-320	L/min	LH15-200
Dimension	3500x1360x1530	mm	
Weight	1515	Kg	

Detailed parts:







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Additive pump
stepless speed
handle



Auto-lubrication
pump



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Hydraulic Valve of Agitator Forwarder and



Wireless remote control



Shotcrete spray nozzle

High pressure clamp