

LPS-7A Wet Shotcrete Machine

Description:

LPS-7A wet shotcrete machine 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 wet shotcrete machine 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.

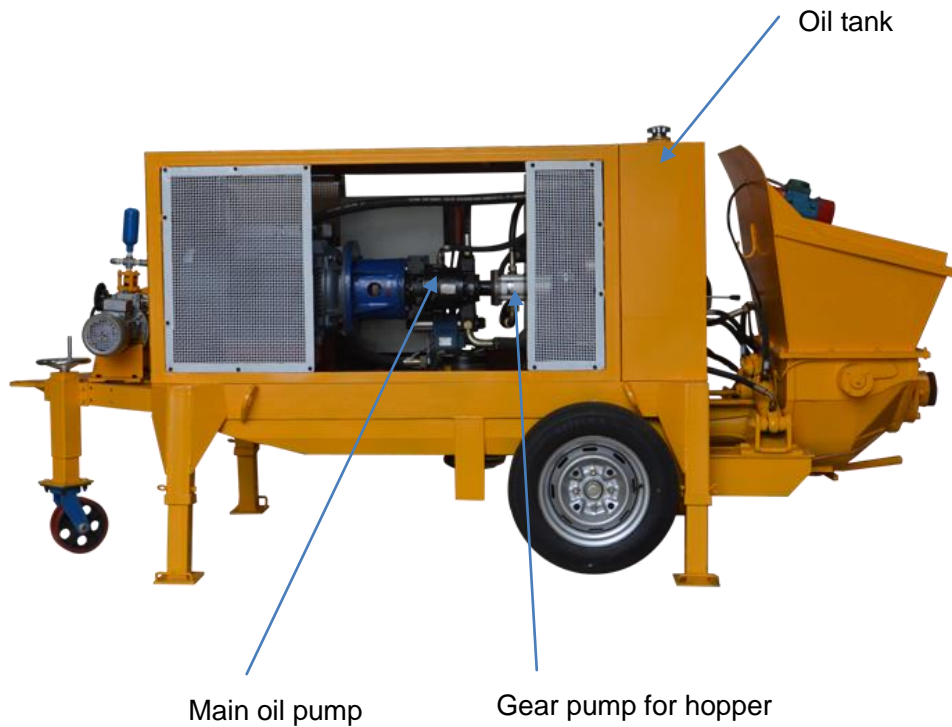
Technical data sheet:

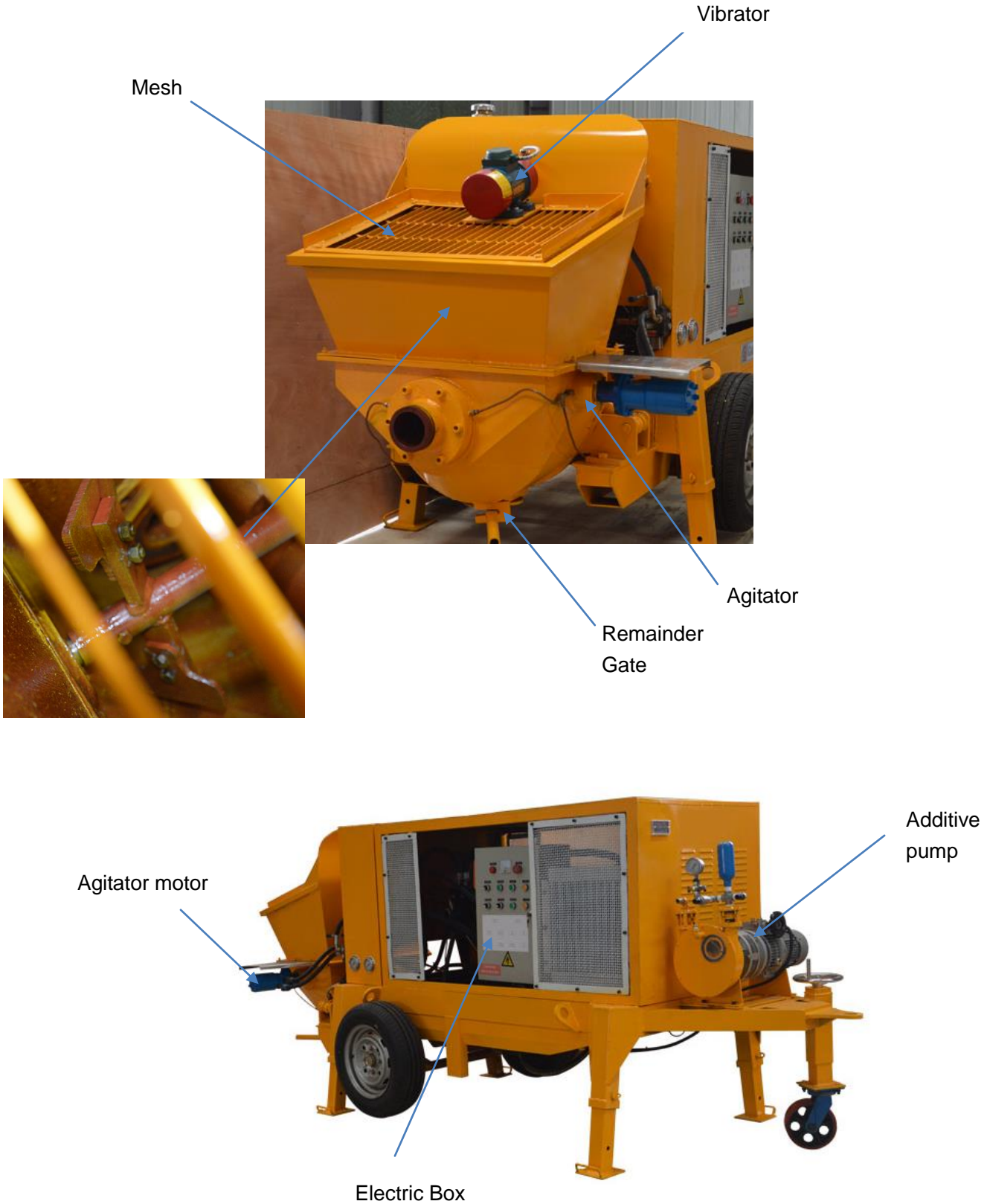
| LPS-7A wet shotcrete machine | | | |
|------------------------------|---------|-------------------|--|
| Item | spec | unit | Remarks |
| output | 5-8 | m ³ /h | |
| Max. pressure | 8 | MPa | |
| Distribution valve type | S valve | | With accumulator |
| Stroke x cylinder ID | 550×120 | mm | |
| Hopper 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 |

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

| | | | |
|--------------------------------|----------------|--------|-----------|
| 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:







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



Additive pump
stepless speed
handle



Auto-lubrication
pump



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



Hydraulic Valve of Agitator Forwarder and



Wireless remote control



PLC



Shotcrete spray nozzle



High pressure clamp