

LIUGONG

HBT6013132E TRAILER PUMP

CONCRETE MACHINERY



**A MACHINE
YOU CAN
TRUST**



TOUGH WORLD. TOUGH EQUIPMENT.

HIGH PERFORMANCE PUMPING



**A TEAM
YOU CAN
TRUST**

No matter what the site conditions, our trailer pumps deliver stable, reliable pumping power combined with easy operation and maintenance, getting your concrete precisely where you need it, when you need it.

We have earned a global reputation for designing the toughest machines and our trailer pumps share this design DNA. They are designed, built and supported by a team you can trust to put your performance first.



**WE PUT
YOU FIRST**

Our customers tell us that they want trailer pumps that are easy to use, easy to maintain and easy to operate. With optimized safety and stability, and with proven reliability and quality to work in the most demanding conditions, you can trust our trailer pumps to deliver all this and more.



100% SAFETY COMPLIANT

You can choose LiuGong with confidence. Our trailer pumps are quiet, clean and conform to the latest environmental legislation standards for emissions.

The pump has the ability to use engine Tier 2 or Tier 3 depending on the customer's request.

LET'S PROVE IT



**CONSTANT PRESSURE
SYSTEM GIVES 10%
MORE EFFICIENCY**



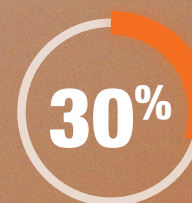
**ULTRA-LOW PRESSURE
LOSS SYSTEM MEANS
INCREASED FUEL AND
OIL EFFICIENCY**



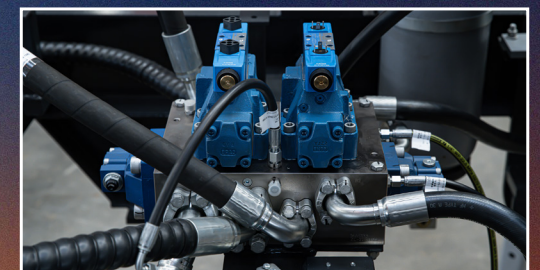
**QUALITY CORE
COMPONENTS FOR
INCREASED UPTIME**



**DUAL OPERATION MODE
INCLUDES WIRELESS
REMOTE**



**30% LONGER SERVICE
LIFE FROM RUBBER
CLOTH PISTON**



TAKE A CLOSER LOOK.



POWER AND PERFORMANCE

You can trust our trailer pumps to produce constant power with maximum efficiency; high performance that is designed into every machine from the start.

1 At the heart of our machines is the world renowned Dongfeng Cummins engine and Deutz Engine providing high powered extreme pumping capacity with a high pressure regulation point.

2 Our trailer pumps feature constant pressure pump distribution systems, by design. This means volumetric efficiency is increased by 10% and low fuel consumption is the result.



EASY TO MAINTAIN

Our aim is to make maintenance as fast and easy as possible to reduce unproductive downtime to a minimum.

3 Our advanced 'S' valve system features an efficiently designed structure, excellent sealing and easy wearable parts replacement.

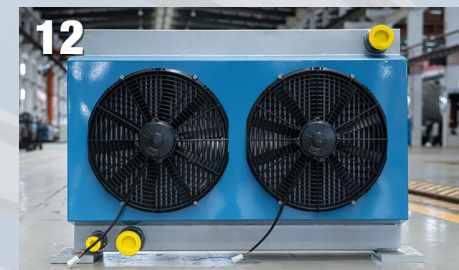
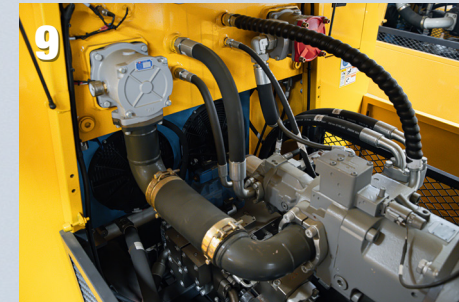
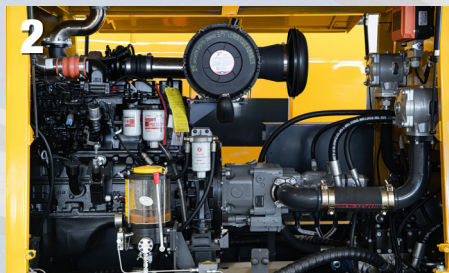
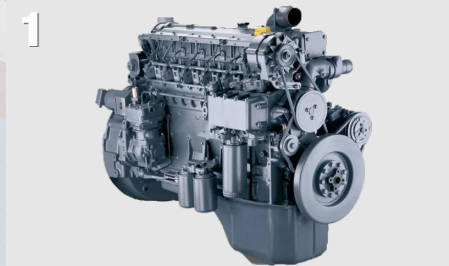
4 Wear resistant plates and cutting rings mean increased service life and reduced maintenance costs.

5 Our rubber cloth piston gives a service life more than 30% longer than a conventional piston.

6 Our pump cylinder is thickened and chrome plated for wear resistance and long service life.

7 Fully enclosed automatic lubricating oil replenishing technology means a clean lubrication system and long-lasting moving components.

8 Maintenance of the pumping unit is further reduced by the addition of an automatic greasing system featuring an electric pump and grease tank.



STABILITY AND RELIABILITY

You can trust your LiuGong trailer pump to deliver total reliability and optimum stability right through to the completion of the job.

9 No matter what type of concrete, our ultra-low pressure loss hydraulic system works with a high efficiency rock valve pumping system and a power matching control system to save both fuel and oil.

10 Our hydraulic system features core components from trusted international brands such as Rexroth and Danfoss, meaning that reliability, long service life and low maintenance cost is built in.

11 A unique controller for the high configuration electrical system increases reliability and longevity.

12 A specially designed main oil recovery system gives you excellent shock absorption, stable oil recovery pressure and efficient protection of the radiator.

13 Even in the toughest site conditions our inbuilt design features keep the hydraulic system free from dust and contamination. A low oil temperature fan cooler and large diameter high and low pressure switching valve add up to enhanced reliability with no oil leakage.



EASY TO USE

At LiuGong, we put the operator first and our user-centred approach to design helps you to do more, safely and efficiently.

14 Our control panels have user-friendly layouts and feature a display which indicates the main usage parameters in order to check maintenance scheduling.

15 A LiuGong trailer pump features two operation modes for enhanced control and convenience: Control Panel Mode Operation and Wireless Remote Control Operation



WE ARE
 HERE FOR
 YOU.

LiuGong is a global, forward thinking, customer focused solutions provider. We've come a long way in the last 60 years, but at heart, we are a people business. You can trust our sales teams and product experts to work with you to help you find the best equipment, maintenance support and financial solution to perfectly match your operational needs.


TALK TO US TODAY.



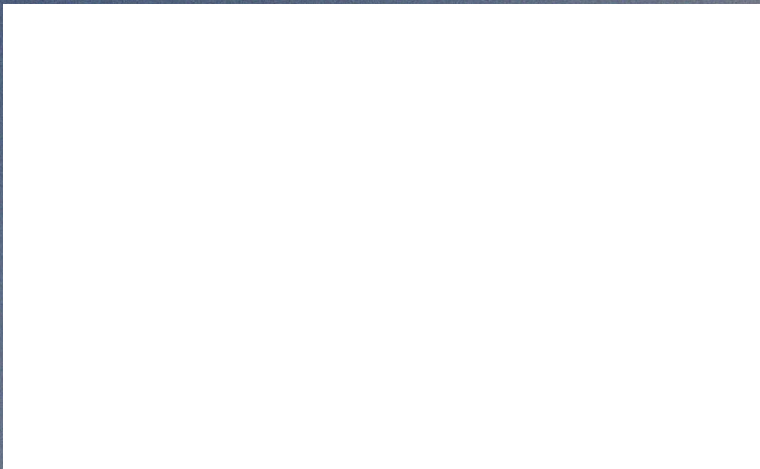
SPECIFICATIONS

PUMP SPECIFICATION	
Concrete Output (L/H pressure)	60/38 m³/h
Concrete pressure (L/H pressure)	8.4/13.5 MPa
Strokes (L/H pressure)	23/15 min ⁻¹
Concrete cylinder bore	200 mm
Stroke length	1,400 mm
Hopper charge height	≤1,450 mm
Hopper capacity	0.7 m³
Concrete valve type	S tube
Hydraulic system type	Open Loop
System pressure	32 MPa
Hydraulic reservoir	500 L

MODEL	
L1	5,940 mm
W1	2,215 mm
H1	2,530 mm
Weight	5,700 kg

CONFIGURATIONS	
Main hydraulic pump	DANFOSS/ REXROTH
Electro-hydraulic valve	REXROTH/ EATON-VICKERS
Multi-way valve	PAIKSAN
Seals	PARKER
Hydraulic hose	MANULI
Control module	IFM
Radio remote controller	Techwell
Proximity switch	IFM

LIFE SPAN FOR WEAR PARTS	
(The data below is based on the concrete pumping quantity, only for reference)	
Parts name	Life-span(m³)
Concrete cylinder	80,000
Concrete piston seals	30,000
Concrete piston guide ring	60,000
S tube	100000
Wear plate	30,000-40,000
Wear ring	15,000-20,000
O seal	30000
Guide tape	60,000
Dustproof	60,000
Pipeline	15,000-20,000



LG-PB-HBT6013132E-072022-ENG

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