

We offer multiple boom forms, including Z, R, ZR, RZ, etc. Customers can choose based on the construction site

"Z"Shape folding



"R"Shape folding



"ZR"Shape folding



"RZ"Shape folding



Provide global truck chassis customization service



5 Comprehensive upgrade



PRACTICAL

One button start, the engine can be remotely started and stopped through remote control, easy to operate. optimized pipeline design, reduce elbow quantity, comprehensively prevent pipe blockage.



SAFETY

Hydraulic oil level auto detection and cooling technology
Automatically detect the hydraulic oil level and oil temperature, provide real-time protection for oil pressure system.
Intelligent safety technology
All welding lines on concrete pump truck have passed 100% non-destructive testing.



EFFICIENCY

High pressure proximity switch (limit sensor) commutation technology
Reduce commutation time by 10% and increase pumping efficiency by 20%.
Advanced boom technology
Flexible and efficient concrete placing, without dead corners
Large capacity pumping



ENERGY SAVING

Adaptive variable power technology
Using fifth-generation technology, the fuel consumption is 0.3-0.4L/m³ (engine speed related to oil pump displacement, and oil pump power remaining constant).
According to load changes, fully utilize engine power for greater energy efficiency. Reduce fuel consumption by 7-10% based on the use of second-generation technology.
Economic pumping control to achieve low fuel consumption application.



INTELLIGENCE

Fault self diagnosis expert system
New control technology quickly figure out the faulty area, reducing troubleshooting time by over 50%.
Electric control system
Adopt intelligent electric control system with simple structure to reduce electrical failures.
Redundancy protection
Once electronic control travel switch show abnormal, the pump is controlled through program control

Boom system

Based on finite element analysis, dynamic analysis calculations and experiments, supported by accurate data. The material is made of high-strength alloy steel plate, and all materials and welds have undergone 100% non-destructive testing to ensure a reasonable and reliable boom structure. The boom frame speed is infinitely adjustable with pressure compensation and a load sensitive proportional control system, allowing the boom frame to run freely and with excellent operational performance.

Hydraulic system of boom and support legs

Adopting the world's top supplier German brand Hawei multi way valve, it has the characteristics of closed core load sensitive Loadsense technology and multi boom linkage diversion system, composite action and fast response, providing customers with precise and sensitive directional operation, as well as efficient fuel economy.

HBC remote control

The wireless remote control adopts the well-known German brand HBC to achieve stepless speed adjustment of the boom.

Hopper

The latest whole stamping hopper has been optimized for its internal flow line, with a 20% increase in suction efficiency, no material sticking, and easy cleaning.

Hydraulic rubber hose joints

The hydraulic hose joint adopts Eaton products to ensure the safety and no leakage of the hydraulic system.

Electric hydraulic system

Electric signals transmit signals to make operations more accurate, increase the speed of cylinder reversing, reduce reversing impact, and accelerate the instantaneous action of the large oil cylinder reversing. This can fill the concrete cylinder, make the material continuous, and ensure uniform discharge. Simultaneously equipped with secondary protection function - program pumping.

IFM Electric control system

Using the German IFM controller, fault self detection is achieved, and the display shows alarm prompts, quickly resolving faults.

Transfer case Main oil pump

Adopting imported STIEBEL transfer case. The main oil pump adopts German Rexroth to ensure smooth and reliable operation of the system, Equipped with overpressure overflow function, effectively protecting the main pump and diesel engine.



25-4Z

Max Reach Vertical (M)	24.1
Max Reach Horizontal (M)	21.2
Max Reach Depth (M)	13.8
Theoretical Pumping Pressure (Mpa)	7.2
Theoretical Output (m³/h)	80
Theoretical Pumping Times (times/min)	22



38-5RZ

Max Reach Vertical (M)	37.9
Max Reach Horizontal (M)	34
Max Reach Depth (M)	25.7
Theoretical Pumping Pressure (Mpa)	8
Theoretical Output (m³/h)	110
Theoretical Pumping Times (times/min)	26



30-4Z

Max Reach Vertical (M)	29.2
Max Reach Horizontal (M)	25.6
Max Reach Depth (M)	17.3
Theoretical Pumping Pressure (Mpa)	8
Theoretical Output (m³/h)	110
Theoretical Pumping Times (times/min)	29



43-5RZ

Max Reach Vertical (M)	42.8
Max Reach Horizontal (M)	38.8
Max Reach Depth (M)	29.3
Theoretical Pumping Pressure (Mpa)	6.2
Theoretical Output (m³/h)	134
Theoretical Pumping Times (times/min)	26



32-4Z

Max Reach Vertical (M)	31.2
Max Reach Horizontal (M)	27.6
Max Reach Depth (M)	18.6
Theoretical Pumping Pressure (Mpa)	8
Theoretical Output (m³/h)	110
Theoretical Pumping Times (times/min)	29



50-6RZ

Max Reach Vertical (M)	49.2
Max Reach Horizontal (M)	43.9
Max Reach Depth (M)	34.6
Theoretical Pumping Pressure (Mpa)	7.9/11.7
Theoretical Output (m³/h)	169/134
Theoretical Pumping Times (times/min)	36/24



36-5Z

Max Reach Vertical (M)	35.2
Max Reach Horizontal (M)	31.2
Max Reach Depth (M)	23.9
Theoretical Pumping Pressure (Mpa)	9
Theoretical Output (m³/h)	110
Theoretical Pumping Times (times/min)	26



52-6RZ

Max Reach Vertical (M)	51.3
Max Reach Horizontal (M)	47.5
Max Reach Depth (M)	36.8
Theoretical Pumping Pressure (Mpa)	9.1
Theoretical Output (m³/h)	165
Theoretical Pumping Times (times/min)	27



56-6RZ

Max Reach Vertical (M)	56
Max Reach Horizontal (M)	51
Max Reach Depth (M)	39.6
Theoretical Pumping Pressure (Mpa)	9.1
Theoretical Output (m³/h)	180
Theoretical Pumping Times (times/min)	27



58-6RZ

Max Reach Vertical (M)	57.1
Max Reach Horizontal (M)	51.8
Max Reach Depth (M)	41.8
Theoretical Pumping Pressure (Mpa)	9.1
Theoretical Output (m³/h)	180
Theoretical Pumping Times (times/min)	27



62-6RZ

Max Reach Vertical (M)	61.5
Max Reach Horizontal (M)	56.5
Max Reach Depth (M)	45.7
Theoretical Pumping Pressure (Mpa)	9.1
Theoretical Output (m³/h)	180
Theoretical Pumping Times (times/min)	27



70-6RZ

Max Reach Vertical (M)	69.4
Max Reach Horizontal (M)	64
Max Reach Depth (M)	51.2
Theoretical Pumping Pressure (Mpa)	8.2/12
Theoretical Output (m³/h)	200/120
Theoretical Pumping Times (times/min)	30/21



24-4Z

Mixing pump truck

Max Reach Vertical (M)	24
Max Reach Horizontal (M)	20
Max Reach Depth (M)	12.3
Theoretical Pumping Pressure (Mpa)	7.2
Theoretical Output (m³/h)	58
Theoretical Pumping Times (times/min)	31



30-4Z

Mixing pump truck

Max Reach Vertical (M)	29.2
Max Reach Horizontal (M)	25.6
Max Reach Depth (M)	17.3
Theoretical Pumping Pressure (Mpa)	7.9
Theoretical Output (m³/h)	28
Theoretical Pumping Times (times/min)	31



33-4Z

Mixing pump truck

Max Reach Vertical (M)	32.2
Max Reach Horizontal (M)	2.2
Max Reach Depth (M)	28.2
Theoretical Pumping Pressure (Mpa)	7.2
Theoretical Output (m³/h)	58
Theoretical Pumping Times (times/min)	31



80m pump truck accepts global customization

80M

pump truck

Max Reach Vertical (M)	79.1
Max Reach Horizontal (M)	73.4
Max Reach Depth (M)	58.6
Theoretical Pumping Pressure (Mpa)	8.3/12
Theoretical Output (m³/h)	200/120
Theoretical Pumping Times (times/min)	26/19



Engineering case



Engineering case

