

SHANTUI

L98K-C5

Wheel Loader



Engine model

CUMMINS QSM11

Total power

298 kW /2,100 rpm

Operating weight

34,500 kg

Bucket capacity

5.6 m³

VALUE THAT WORKS

L98K-C5 TECHNICAL PARAMETERS

ENGINE

Emission standard	Stage III
Brand	CUMMINS
Model	QSM11
Rated power	298kW/2100rpm
Max. torque	1898N·m/1400rpm
Displacement	10.8L
No. of cylinders	6
Exhaust mode	Turbocharging

PERFORMANCE OF LOADER

Rated load	21500kg
Max. breakout force	258kN
Unloading angle	45°
Unloading height	3410mm
Unloading distance	1350mm
Height of boom pin shaft	4695mm
Digging depth	100mm
Bucket capacity	5.6m ³
Operating weight	34500kg

TRANSMISSION SYSTEM

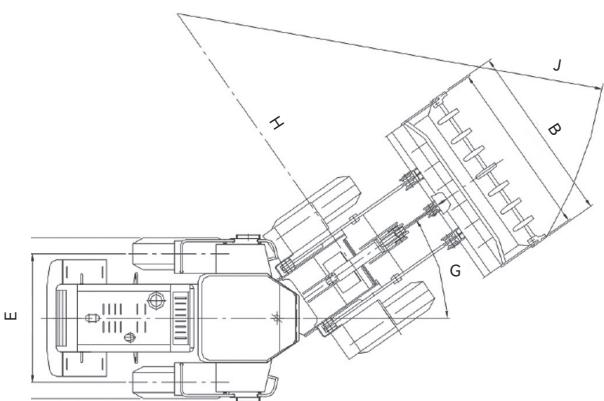
Transmission type	Electronically controlled fixed shaft
Torque converter	3-element
Max. travel speed (forward)	37.25km/h
Max. travel speed (backward)	26.12km/h
Forward gear	4
Reverse gear	3

DRIVE AXLE

Type of front axle differential lock	Hydraulically controlled differential lock
Type of rear axle differential lock	-
Swing angle of rear axle	±12°

STEERING SYSTEM

Type of steering system	Traffic amplification
Steering system pressure	21 Mpa



BRAKE SYSTEM

Service brake type	Dual-circuit full hydraulic wet brake
Service brake mode	-
Parking brake type	Hydraulic caliper disc brake
Parking brake mode	-
TIRE	

TIRE

Tire model	29.5-25-L3 vacuum bias tire 34 layers in the front / 28 layers in the rear
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HYDRAULIC SYSTEM

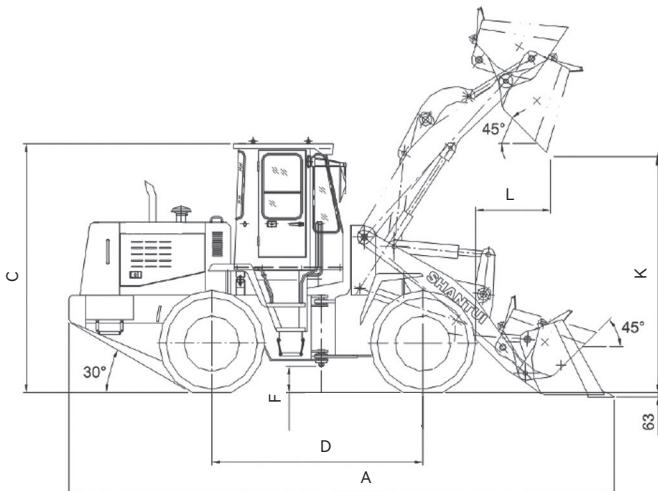
Type of working pump	Variable displacement pumps
System pressure	26MPa
Boom lifting time	5.7S
Total cycle time	10.7S

OIL CAPACITY

Fuel tank	500L
Hydraulic oil tank	290L
Engine oil	24L
Drive axle (single side)	65L
Transmission	42L
Antifreeze	45L

OVERALL DIMENSIONS

A Vehicle length	9900mm
B Vehicle width	3570mm
C Vehicle height	3890mm
D Wheelbase	3800mm
E Wheel track	2420mm
F Min. ground clearance	428mm
G Steering angle	±40°
H Turning radius (outer side of front tire)	6830mm
I Turning radius (front tire center)	6430mm
J Turning radius (outer edge of bucket)	7774mm



* THE SPECIFICATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE. THE PICTURES MAY INCLUDE OPTIONAL CONFIGURATION. THE ACTUAL COLOR & APPEARANCE OF THE PRODUCT MAY DIFFER FROM WHAT IS SHOWN.



SHANTUI CONSTRUCTION MACHINERY CO., LTD.

ADD: NO. 58, G327 HIGHWAY, HI-TECH ZONE, JINING CITY, SHANDONG, CHINA

TEL: +86-537-2909369 FAX: +86-537-2311219

EMAIL: trade@shantui.com WEB: www.shantui.com

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