



XC948 PRO

WHEEL LOADER

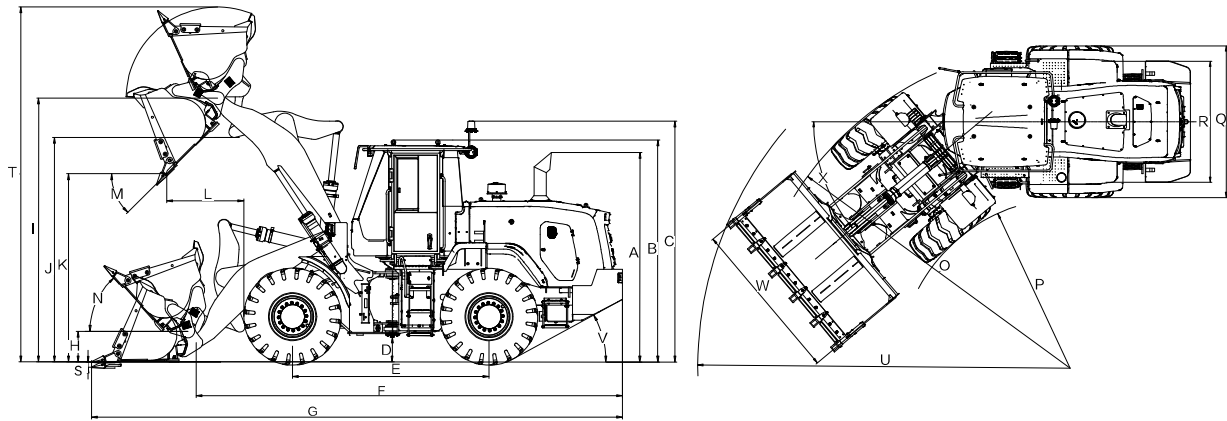


● Operating Weight (lb): 37479

● Bucket Capacity (yd³): 3.1

● Rated Power (hp): 199.8

- The heavy-duty design of the front and rear frames further enhances reliability, extending the average service life by 20%. With integrated energy efficiency technologies, the machine utilizes a ZF full automatic transmission and is equipped with XCMG self-developed reinforced wet-type drive axle, achieving optimal powertrain matching and significantly improving fuel utilization.
- Powered by the CUMMINS EFI, turbocharged, and air-to-air inter-cooled engine, our loader features electric start/shutdown and meets T4F emission standards. The two-stage air filter can be adapted to high-dust working conditions.
- XCMG FOPS&ROPS micro-pressurized cab offers ample space and effective sealing. Connected to the frame with silicone oil shock absorbers, it significantly reduces cab vibration.



Technical Specifications

Item contents	Unit	Parameters
Overall Parameter		
Operating Weight	lb	37479
Bucket Capacity	yd ³	3.1
Rated Load	lb	9920.8
Max. Breakout Force	KN	125
Tipping Load	lb	≥ 24250.9
	Fully articulated	≥ 19841.6
Engine		
Manufacturer Model	-	CUMMINS , B6.7
Type	-	In-line six-cylinder/air-to-air intercooler/electronic common rail high-pressure injection
Rated Power	hp/rpm	199.8 /2200
Max. Torque	lbf-ft/rpm	730.2 /1300
Emission Stage	-	U.S.EPA Tier 4 Final
Displacement	gal	1.77
Hydraulic System		
Type	-	Variable hydraulic system
Pump	-	Variable displacement piston pump
Rated Flow	gal/min	71.85
Control Valve	-	Third electrical controlled function multiway valve
System Pressure	psi	3335.9
Total Cycle Time	s	≤ 11.5
Steering System		
Type	-	Coaxial flow amplifier steering system
Pump	-	Variable displacement piston pump
Rated Flow	gal/min	18.5
System Pressure	psi	2610.7
Hydraulic Cylinder	-	2
Steering Angle	°	40
Driveline		
Transmission	-	Full automatic electric control transmission
Travel Speed	Forward	mph 4.4/8.1/14.9/22.4
	Reverse	mph 4.4/8.1/14.9
Brake Distance	ft	32.8
Tyre	-	20.5R25

Item contents	Unit	Parameters
Axle		
Type	-	Wet axles
Front Axle	-	Fixed
Reduction Gear	-	Planetary final drive in wheel hubs
Brake		
Service Brake	-	Four-wheel full hydraulic wet brake
Parking Brake	-	Spring applied / Hydraulic release
Referenced Filling Capacity		
Diesel	gal	58.12
AdBlue	gal	6.47
Axle	gal	10.6+10.6
Engine oil	gal	5.28
Transmission oil	gal	9.51
Dimensions		
A Height to top of exhaust	in	126.57 126.57
B Height to top of cab	in	134.21 134.21
C Height to top of warning Light	in	145.51 145.51
D Ground clearance	in	15 15
E Wheelbase	in	120.08 120.08
F Overall Length (without bucket)	in	257.48 269.96
G Transportation length (bucket laid flat on the ground)	in	320.47 332.95
H Height to hinge pin, bucket laid flat	in	18.5 22.83
I Height to hinge pin, fully raised	in	159.45 171.65
J Lift arm clearance at Max lifting	in	135.63 144.88
K Dumping height	in	113.7 125.79
L Dumping reach	in	46.38 47.24
M Dumping angle	°	45 45
N Rollback angle at carry	°	43 42
N Rollback angle at full lift	°	48 49
O Turning radius: outside of tyres	in	216.85 216.85
P Turning radius: inside of tyres	in	114.17 114.17
Q Width over tyres	in	101.57 101.57
R Wheel track	in	81.1 81.1
S Digging depth	in	3.15 4.72
T Max lifting height	in	214.45 226.77
U Turning radius: over bucket	in	248.03 254.61
V Departure angle	°	28 28
W Bucket width	in	101.18 101.18
X Steering angle	°	40 40

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