



XC938

WHEEL LOADER



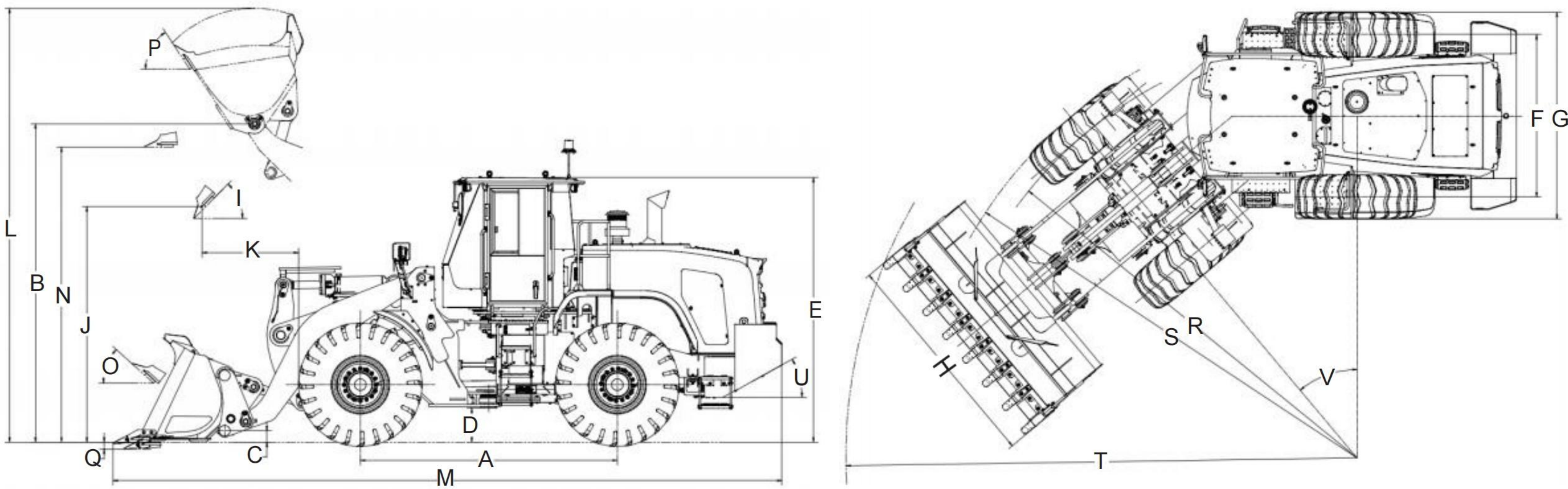
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Working Weight 10400kg / Rated Bucket Capacity 1.8m³ / Rated Power 92kW

Technical Specifications



Dimensions & Specifications		Parameters
A	Wheelbase	2900 mm
B	Pin Height at Maximum Lift Position	3839 mm
C	Pin Height with Bucket Leveled	260 mm
D	Ground Clearance	365 mm
E	Cab Top Height	3220 mm
F	Track Width	1850 mm
G	Overall Tire Width	2295 mm
H	Bucket Width	2482 mm
I	Dump Angle	45 °
J	Dump Height at Max Lift & 45° Dumping	2930 mm
K	Reach at Max Lift & 45° Dumping	950 mm
L	Maximum Lift Height	4761 mm
M	Overall Machine Length	7330 mm
N	Bucket Level Height at Maximum Lift	3579 mm
O	Rollback Angle in Transport Position	47 °
P	Rollback Angle at Maximum Height	52 °
Q	Digging Depth Below Ground	35 mm
R	Turning Radius (Center of Tires)	5100 mm
S	Turning Radius (Outer Side of Tires)	5250 mm
T	Turning Radius (Outer Edge of Bucket)	5850 mm
U	Departure Angle	28 °
V	Steering Angle	38 °

Category	Type		Parameter
Overall Machine Parameters	Operating Weight		10400 kg
	Rated Bucket Capacity		1.8 m³
	Rated Load Capacity		3500 kg
	Maximum Breakout Force		130 kN
	Tipping Load	Straight Position	8085 kg
		Full Steering Position	7040 kg
Engine	Manufacturer & Model		WP6G125E22
	Type	Inline 6-cylinder, air-to-air intercooled, electronically controlled high-pressure common rail	
	Rated Power		92 kW@ 2200 r/min
	Peak Torque		510 N .m@1400-1600 r/min
	Emission Standard		Tier-2
	Displacement		6.75 L
Transmission System	Gearbox	Model	2BS315
		Type	Planetary Gearbox
	Travel Speed	Forward	12/38 km/h
		Reverse	16 km/h
	Braking Distance		≤11 m
	Tire Size		17.5-25-12PR
	Minimum Ground Clearance		365 mm
Drive Axle	Drive Type		Four-wheel Drive
	Front Axle Mounting Type		Fixed Type
	Rear Axle Mounting Type		Center Oscillating, 12°Oscillation Angle onBoth Sides
	Wheel Reduction Type		Wheel-side Planetary Reduction
	Differential Type		Standard Differential
Working Hydraulic System	Type		Fixed Displacement
	Pump Type		Gear Pump
	Rated Flow		198 L/min
	Control Valve Type		Pilot Two-section Multi-way Valve
	System Pressure		20.5 MPa
	Hydraulic Cylinder Parameters	Lift Cylinder Quantity&Size	2-110×810 mm
		Bucket Tilt Cylinder Quantity &Size	1-140×530 mm
Steering Hydraulic System	Type		Flow-amplified Load Sensing Steering System
	Pump Type		Gear Pump
	Rated Flow		198 L/min
	Quantity of Hydraulic Cylinders		2
	System Pressure		16 MPa
	Maximum Steering Angle		38 °