



## Main performance and parts specifications · Standard equipment

Item	Specifications	Item	Specifications
Overall working weight	16600kg	Max.speed	38km/h
Rated bucket capacity	3m <sup>3</sup>	<b>Front and rear axles</b>	
Rated load	5.0t	Main transmission type	Spiral gear, first stage decelerate
Max.tractive force	≥ 150kN	Final decelerate type	First stage, planetary gear decelerate
Max.breakout force	≥ 180kN	<b>Tyre</b>	
Max.gradeability	30°	Type Specification	23.5 – 25
Max.dumping height	3120mm	Front type pressure	0.39 ± 0.01 MPa
Dumping distance	1130mm	Rear tyre pressure	0.33 ± 0.01 MPa
Overall dimension(L×W×H)	8079 × 3024 × 3382mm	<b>Steering system</b>	
<b>Engine</b>		Type	Articulated load–sensing hydraulic steering system
Model	C6121ZG50	Steering angle	38° each side
Type	Inline, water cooling, dry cylinder, direct injection	Min.turning radius	Outside of bucket 6746mm Outside of rear wheel 6036mm
Number of cylinder-bore/stroke	6– Φ 120.65x152.4mm	<b>Hydraulic system</b>	
Max.torque	843N.m	System working pressure	17.5 MPa
Rated power	162kW	Boom lifting time	≤ 6.4s
Rated speed	2200r/min	Total time	≤ 11.3s
Min.fuel-consume ratio	≤ 210 g/kW.h	<b>Brake system</b>	
<b>Transmission system</b>		Service brake	Air over hydraulic disc brake on 4 wheels
Torque converter	Single phase, 3 elements, single turbo	Parking brake	Electric–Pneumatic Internal Expanding Shoe Brake
Torque ratio	2.55	<b>Fill capacity</b>	
Transmission	Fixed shaft power shift	Fuel	300L
Gear shift	4 forward, 3 reverse	Hydraulic oil	210L

The above parameters can be modified without separate notification, the illustrations might not be the standard equipments of the model.