



Overall Data

Bucket Capacity (m ³)	1.8		
Rated Payload(kg)	3500		
Operating Weight(kg)	11620±300		
Traction Force(kN)	97±3		
Breakout Force(kN)	100±3		
Travel speeds (km/h):			
	I	II	III
Forward	6.5	12.0	32.0
Reverse	6.8	12.5	33.5

EngineWP6G140E22

Rated Power(kW/rpm)	105/2200
Peak Torque(Nm/rpm)	560/1400-1600
Starting Voltage(V)	24

Drive Train

Torque Converter	Single-stage, Single-turbine, 3-elements
Torque Ratio	3.45
Transmission	Counter Shaft,Constant Mesh,Power-shift Transmission
Gear	3F/3R
Pressure of Transmission(MPa)	1.5~1.7
Main Reducer	Spiral bevel, 1-stage Reduction
Final Reducer	Planetary Reduction
Tire	17.5-25 L-3 12PRTT

Brake System

Service Brake	Single Circuit Caliper, Dry Brake
Setting Pressure (MPa)	0.78
Parking Brake	Flexible Shaft Controlled Caliper

StandardOptional

Lonking Transmission	High Dump (G)
Lonking Axle	Coal Bucket (M)
Pilot Control	High Dump&Coal Bucket (T)
Standard Bucket	

Steering System

Type	Hydraulic Load Sensing
Cylinders-Bore×Stroke(mm)	2-80×315
Steering Pump	Gear Pump
System Pressure(MPa)	15
Steering Angle	±35°

Hydraulic System

Lift Cylinders-Bore×Stroke(mm)	2-125×784
Tilt Cylinder-Bore×Stroke(mm)	1-140×553
Model of Working Pump	Gear Pump
Flow Rate(L/min/rpm)	246/2200
System Pressure(MPa)	16
Pilot Control System Pressure(MPa)	2.5
Hydraulic Cycle Time, Rated Load In Bucket(In Second):	

Raise(Loaded)	Dump	Lower(Empty)	Total
5.5	1.3	3.7	10.5

Electrical System

System Voltage(V)	24
Battery (2 in series)(Ah)	105
Lamp Voltage(V)	24

Service Refill Capacity

Fuel Tank(L)	200
Hydraulic Tank(L)	200
Crankshaft(L)	17
Transmission(L)	36
Front Axle(L) /Rear Axle(L)	18.5/18.5

Air Conditioning System

Heating Capacity(W)	5900 (±10%)
Cooling Capacity(W)	4800 (±10%)

Lonking
Efficiency Rules the Future

CDM835D
WHEEL LOADER

Powerful Weichai Engine
Pilot Control System
Automatic Leveling
Convenient Maintenance



CDM
Load Right
Load More
Series
**40,000 UNITS SOLD
WORLDWIDE IN 2010**

- RATED POWER: 105 kw/2200rpm
- BUCKET CAPACITY: 1.8m³
- RATED PAYLOAD: 3500kg
- OPERATING WEIGHT: 11620kg

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Machines shown may not include optional accessories.