



OVERALL DATA

Bucket Capacity (m ³)	0.95
Rated Payload (kg)	1600
Operating Weight (kg)	5500
Traction Force (kN)	50
Breakout Force (kN)	48
L×W×H (mm)	5700×1950×2930

Travel Speeds (km/h)	I		II	
	Forward	8	21	8
Reverse	8	21	8	21

ENGINE

	YTO	YT4A2-24
Rated Power (kW·hp)/rpm	55	(75)/2400
Rated Torque (Nm/rpm)	235	1680-1800
Starting Voltage (V)	24	

DRIVE TRAIN

Torque Converter	Single-stage, Single-turbine, 3-element
Torque Ratio	3.7
Transmission	Fixed Shaft Hydraulic Shift Spur Gear
Gear	2F/2R
Pressure of Transmission (MPa)	1.2-1.5
Main Reducer	Spiral Bevel Gear Single-stage Reduction
Final Reducer	Planetary Reduction
Tire	16/70-20

BRAKE SYSTEM

Service Brake	Air Drive, Four Wheel Brake (Dry)
Setting Pressure (MPa)	0.78
Parking & Emergency Brake	Flexible Shaft Controlled Caliper

STANDARD	OPTIONAL
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Hydraulic Transmission	Log Grapple (J)
Dry Brake Drive Axle	Light-duty Grapple (ZZ)
Standard Bucket	High Dumping(G)
Mechanical Flexible Shaft Control	Quick Connector (H)

STEERING SYSTEM

Type	Hydraulic Load Sensor System
Cylinders-bore x Stroke (mm)	2-63X280
Steering Pump	Shared with Working Pump
System Pressure (MPa)	14
Steering Angle	±35°

HYDRAULIC SYSTEM

Lift Cylinders-bore x Stroke (mm)	2-90X589
Tilt Cylinder-bore x Stroke(mm)	1-100X387
Working Pump	Gear Pump
Flow Rate (L/min/rpm)	120/2400
System Pressure (MPa)	16
Hydraulic Cycle Time, Rated Load in Bucket (In Second)	

Raise (Loaded)	Dump	Lower (Empty)	Total
4.9	0.8	3.7	9.4

ELECTRICAL SYSTEM

System Voltage (V)	24
Battery (2 in Series) (Ah)	180
Lamp Voltage (V)	24

SERVICE REFILL CAPACITY

Fuel Tank (L)	110
Hydraulic Tank (L)	110
Transmission (L)	22.5
Front Axle (L) / Rear Axle (L)	12.5/12.5

AC SYSTEM

	OPTIONAL
Heating Capacity (W)	4500 (±10%)
Cooling Capacity (W)	3200 (±10%)

Fork
Enlarged Bucket (N)
Air Conditioner
Pilot Control

For more information on Lonking products,
Please contact our local agent:



Lonking 龙工

Efficiency Rules the Future

CDM816D WHEEL LOADER

Powerful YTO Engine
Hydraulic Transmission & Torque Converter
Pilot Control & AC as Optional
Variety with Attachment
Convenient Maintenance



■ RATED POWER:	55kW/2400rpm
■ BUCKET CAPACITY:	0.95m ³
■ RATED PAYLOAD:	1600kg
■ OPERATING WEIGHT:	5500kg

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Specifications and design are subject to change without prior notice.
Machines shown may not include optional accessories.