



# LONKING

Efficiency Rules the Future

### OVERALL DATA

Bucket Capacity (m <sup>3</sup> )	1.05
Rated Payload (kg)	1800
Operating Weight (kg)	5600
Traction Force (kN)	53
Breakout Force (kN)	52
L×W×H (mm)	5700×2200×2930

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

### ENGINE

ENGINE	YTO YT4B3-24
Rated Power (kW·hp)/rpm	63·(86)/2400
Rated Torque (Nm/rpm)	275/1680-1800
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)	2-63×280
Steering Pump	Shared With Working Pump
System Pressure (MPa)	14
Steering Angle	±35°

### HYDRAULIC SYSTEM

Lift Cylinders-bore x Stroke (mm)	2-90×589
Tilt Cylinder-bore x Stroke(mm)	1-100×387
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)	80
Hydraulic Tank (L)	80
Transmission (L)	18
Front Axle (L) / Rear Axle (L)	12/12

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

Fork
Enlarged Bucket (N)
Air Conditioner

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



# CDM818D

## WHEEL LOADER

Powerful YTO Engine  
Hydraulic Transmission & Torque Converter  
Optimized Structure Design  
Variety with Attachment  
Convenient Maintenance



■ RATED POWER:	63kW/2400rpm
■ BUCKET CAPACITY:	1.05m <sup>3</sup>
■ RATED PAYLOAD:	1800kg
■ OPERATING WEIGHT:	5600kg

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