

# LONKING

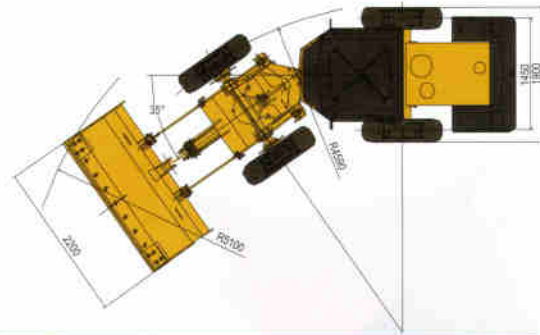
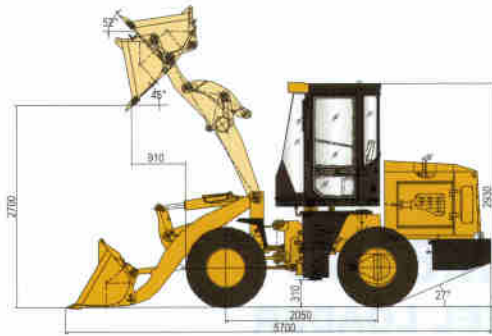


## **CDM818D** **WHEEL LOADER**

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

### **Features:**

- YTO 63kW diesel engine, powerful, energy saving and environment friendly.
- Hydraulic transmission and torque converter making power transmission more reliable, operation more flexible.
- Full hydraulic steering making operation more flexible, convenient and reliable.
- Equipped with A/C as optional.
- Implement with computer optimization design, high strength and well reliability.
- Bucket with the special function of automatic leveling, shorten working hours, increase working efficiency and reduce fault rate.
- Easy and convenient to replace quick change device, various optional attachments, multiple optional functions.
- New appearance, beautiful and elegant.
- New seal cab making operating environment more comfortable.



**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	
<b>Travel Speeds (km/h)</b>		
	I	II
Forward	8	21
Reverse	8	21

<b>ENGINE</b>	<b>YTO YT4B3-24</b>	
Rated Power (kW·hp)/rpm	63·(86)/2400	
Rated Torque (Nm/rpm)	275/1680-1800	
Starting Voltage (V)	24	

<b>DRIVE TRAIN</b>		
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	

<b>BRAKE SYSTEM</b>		
Service Brake	Air Drive, Four Wheel Brake (Dry)	
Setting Pressure (MPa)	0.78	
Parking & Emergency Brake	Flexible Shaft Controlled Caliper	

<b>STANDARD</b>	<b>OPTIONAL</b>	
Hydraulic Transmission	Log Grapple (J)	Fork
Dry Brake Drive Axle	Light-duty Grapple (ZZ)	Enlarged Bucket (N)
Standard Bucket	High Dumping(G)	Air Conditioner
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)			
<b>Raise (Loaded)</b>	<b>Dump</b>	<b>Lower (Empty)</b>	<b>Total</b>
<b>4.9</b>	<b>0.8</b>	<b>3.7</b>	<b>9.4</b>

**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**

<b>OPTIONAL</b>	
Heating Capacity (W)	4500 (±10%)
Cooling Capacity (W)	3200 (±10%)