

# Wheel Loader

**Model: CDM810**

The rated payload of CDM810 wheel loader is 1.0 ton. It is an engineering equipment suitable to work in small jobsites such as small farm, house garden, wastes stockpile and so on for loading the loose material, transporting in short distance, leveling and towing. We manufacture 1.0 ton wheel loader.

**Features of CDM810 Wheel Loader:**

1. 26KW popular engine in China provides enough power
2. ZH-12 easily operated transmission with 3 speeds forward and 1 speed reverse
3. Hydraulic steering system makes the turning easier
4. Single pump distribution system is featured with simple structure and energy-saving
5. New style cabin delivers nice appearance, good visibility and comfortable operation
6. Articulated frames provide small turning radius
7. Dumping clearance of CDM810 wheel loader is 2700mm

**Specifications of Wheel Loader CDM810**

Bucket capacity(m3 )	0.5
Rated payload(kg)	1000
Lifting time of arm (s)	4.5
Total hydraulic cycle time(s)	8.5
Transportation dimension (L×W×H)	5200×1600×2650
Max. breakout force(KN)	40
Max. dumping height(mm)	2700
Dumping reach(mm)	950
Operating weight (kg)	3200

**Engine of Wheel Loader**

Model	ZN485Q
Type	Vertical, water-cooled, 4-stroke, direct injection
Rated power(Kw)/RPM(rpm)	26/2200
Max. torque(N.m)/RPM(rpm)	118-120/1760~1800
Max. torque(N.m)/RPM(rpm)	240
Total displacement (L)	2.156
Fuel	light diesel oil

**Clutch**

Type	Single piece, dry type
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**Transmission**

Type	Spur gear sliding gear shifting
Gears	Three speed forward and one speed reverse, mechanical shifting
Speed ratio	
Forward	3.4 km/h
Forward	7.6 km/h
forward	16.7 km/h
Reverse	5.0 km/h

**Axle & Tyre****Axle**

Model	Floating axle shaft type
Reduction ratio	37/6 Wheel hub reduction
Tyre specification	8.25-16

**Brake system**

Service brake type	Brakes on four wheels, inner expanding, and hydraulic type
Parking brake type	Flexible shaft controlled shoe brake

**Implement hydraulic system**

Displacement of Implement pump(L/min)	32
System working pressure(Mpa)	16

**Steering system**

Model	Full hydraulic steering system
Structure type	Single pump diffluent connects with implement pump
System working pressure(Mpa)	10
Min. turning radius	
Outside of bucket(mm)	4500

**Oil tank capacity**

Fuel tank capacity	77L
Hydraulic oil tank capacity	72L

**Note:** The specification is subject to change for the modification without notice.