



# LONKING

Efficiency Rules the Future

## LG833N WHEEL LOADER

Powerful Weichai DEUTZ Engine  
Lonking Transmission  
Lonking Axles  
Mechanical Flexible Shaft Control  
ROPS&FOPS Cabin  
Equipped with Various Attachments  
Convenient Maintenance



### OVERALL DATA

Bucket Capacity (m³)	1.7
Rated Payload(kg)	3000
Operating Weight(kg)	10500
Traction Force(kN)	97±3
Breakout Force(kN)	95±3
L×W×H(mm)	7450×2450×3180

### Travel Speeds (km/h)

	I	II	III	IV
Forward	7.0	12.0	24.0	36.0
Reverse	8.5	28		

### ENGINE WEICHA DEUTZ WP6G125E22

Rated Power(kW-hp/rpm)	92 (125)/2200
Peak Torque(Nm/rpm)	500/1400-1600
Starting Voltage(V)	24

### DRIVE TRAIN

Torque Converter	Single-stage, Single-turbine, 3-element
Torque Ratio	3.2
Transmission	Countershaft Powershift Transmission
Gear	4F/2R
Pressure of Transmission(MPa)	1.1~1.5
Main Reducer	Spiral bevel, 1-stage Reduction
Final Reducer	Planetary Reduction
Tire	17.5-25 L-3 12PR TT

### BRAKE SYSTEM

Service Brake	Single Circuit Caliper,Dry Brake
Setting Pressure (MPa)	0.70-0.78
Parking Brake	Flexible Shaft Controlled Caliper
Emergency Brake	Flexible Shaft Controlled Caliper

### STANDARD OPTIONAL

WEICHA DEUTZ Engine	Coal Bucket (M) -2.5m³
Lonking Transmission 4F/2R	Enlarged Bucket (N) -2.3m³
Lonking Axle	High Dumping(G)
Standard Bucket-1.7m³	Wood Fork(J)
Mechanical Flexible Shaft Control	Quick Change-4 in 1 Bucket-1.5m³
ROPS&FOPS Cabin	Fork
Heating Radiator	Grasping Pitchfork

### STEERING SYSTEM

Type	Hydraulic Load Sensing System
Cylinders-bore×Stroke(mm)	2-80×315
Steering Pump	Gear Pump
System Pressure(MPa)	14
Flow Rate(L/min/rpm)	176/2200
Steering Angle	±35°

### HYDRAULIC SYSTEM

Lift Cylinders-bore×Stroke(mm)	2-125×784
Tilt Cylinder-bore×Stroke(mm)	1-140×553
Model of Implement Pump	Gear Pump
Flow Rate(L/min/rpm)	176/2200
System Pressure(MPa)	16
Pilot Control System Pressure (MPa)	-
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)	173
Crankshaft(L)	17
Transmission(L)	36
Front Axle(L) /Rear Axle(L)	18.5/18.5

### AC SYSTEM(OPTIONAL)

Heating Capacity(W)	5000 (±10%)
Cooling Capacity(W)	4200 (±10%)

Quick Connector (H)
High Dumping Coal Bucket (T)-2.5m³
Side Dump Bucket(C)-1.35m³
Snow Blade
Radial Tire TT/TL
Air Conditioner/Fan Heater

For more information on Lonking products,  
please visit [www.lonkinggroup.com](http://www.lonkinggroup.com)



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



■ RATED POWER:	92kW/2200 rpm
■ BUCKET CAPACITY:	1.7m³
■ RATED PAYLOAD:	3000kg
■ OPERATING WEIGHT:	10500 kg

## LONKING HOLDINGS LIMITED

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