



## RB842 WHEEL LOADER



### SPECIFICATIONS

ITEM	DATA
Bucket Capacity	2.3m <sup>3</sup>
Rated Payload	4000kg
Operating Weight	13000±300kg
Traction Force	120±3kN
Breakout Force	115±3kN
LxWxH	7270x2800x3300mm



### MAIN DATA

ITEM	
WEICHAH Engine	Flexible Shaft Controlled Caliper Brake
LONKING Transmission	ROPS&FOPS Cabin
Mechanical Powershift Control	Mechanical Instrument Panel
LONKING Axles (Dry type)	Air Conditioner
Joystick Working Control (Single-lever)	



## TRANSMISSION SYSTEM

ITEM	DATA
Transmission Type	Planetary Powershift
Shift Type	Mechanical Powershift Control
Pressure of Transmission	1.1-1.5MPa
Torque Converter Type	Single-stage,Duo-turbine,4-element
Axles	Rigid (Front)&Oscillating (Rear)
Rear Axle Oscillation (°)	±10°
Differential	Conventional
Main Reducer	Spiral Bevel,1-stage Reduction
Final Reducer	Planetary Reduction
Tire	20.5-25 L-3 16PR TT
Travel Speed-Forward	11.5/36 km/h
Travel Speed-Reverse	16 km/h



## BRAKE SYSTEM

ITEM	DATA
Service Brake	Single Circuit Caliper,Dry Brake
Setting Pressure	0.70-0.78MPa
Parking Brake & Emergency Brake	Flexible Shaft Controlled Caliper Brake



## STEERING SYSTEM

ITEM	DATA
Type	Hydraulic Load Sensing System
Steering Pump	138L/min-2200rpm
System Pressure	16MPa
Cylinder Type	Double Acting
Steering Angle	±35°



## HYDRAULIC SYSTEM

ITEM	DATA
Type	Joystick Control (Single-lever)
Working Pump	110L/min-2200rpm
Control Valve	2 Spool
System Pressure	16MPa
Cycle Time (Sec)	11.5

 **ENGINE**

ITEM	DATA
Manufacturer/Model	WEICHAI/WP6G175E22
Rated Power	129kW/2200rpm
Maximum Torque	700N·m/1300-1500rpm
Bore x Stroke (mm)	105x130mm
No. of Cylinders/Displacement	6/6.75L
Air Cleaner	Three Stage Air Cleaner
Alternator	70Amp
Battery	2-24V/105Ah
Starting Motor	24V/6kW

 **REFUELING CAPACITY**

ITEM	DATA	ITEM	DATA
Fuel Tank	240L	Transmission	46L
Hydraulic Tank	220/225(3rd Spool)L	Front Axle / Rear Axle	23L/23L
Crankshaft (L)	17L		

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 **OVERALL DIMENSIONS**

ITEM	DATA
A. Overall Height - Buckle Raised	4898 mm
B. Bucket Pin Height at Max. Lift	3767 mm
C. Dump Clearance at Max. Lift (45°)	2915 mm
D. Reach at Max. Lift and 45° Dump	1110 mm
E. RackBack Angle at Carry	51°
F. RackBack Angle at Ground	45°
G. Digging Depth	40-45mm

## RB842 Wheel Loader Specifications

ITEM	DATA
H. RackBack Angle at Max. Lift	47°
I. Dump Angle at Max. Lift	45°
J. Carry Height	400 mm
K. Ground Clearance	567 mm
L. Center Line of Front Angle to Hitch	1070 mm
M. Wheel Base	7270 mm
N. Overall Length	2950 mm
O. Departure Angle	30°
P. Height to Top of Cab	3300 mm
Q. Overall Width over Bucket	2800 mm
R. Min. Turning Radius over Bucket	7812 mm
S. Min, Turning Radius over Tires	5837 mm
T. Steering Angle - Left/Right	35°
U. Width at Tread Center	2080 mm
V. Overall Width over Tires	2580 mm

