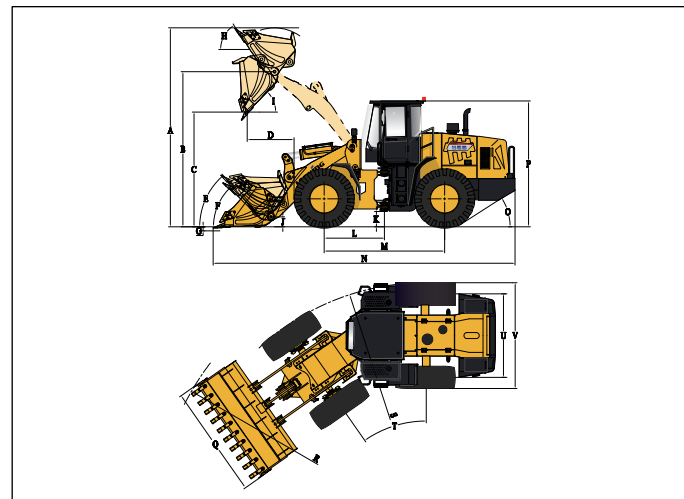


DIMENSIONS

All dimensions are approximate. Dimensions may vary with bucket and tire choice. Refer to operating specifications.



NO.	DESCRIPTION	UNIT	STD	High Dump
A	Overall Height – Bucket Raised	mm	4737	5080
B	Bucket Pin Height at Max. Lift	mm	3710	4064
C	Dump Clearance at Max. Lift (45°)	mm	2904	3249
D	Reach at Max. Lift and 45° Dump	mm	1095	1002
E	Rack Back Angle at Carry	°	46.3	46.6
F	Rack Back Angle at Ground	°	40	40.9
G	Digging Depth	mm	30-40	30-40
H	Rack Back Angle at Max. Lift	°	50.7	47
I	Dump Angle at Max. Lift	°	46.6	45
J	Carry Height	mm	400	400
K	Ground Clearance	mm	345	345
L	Center Line of Front Axle to Hitch	mm	1425	1425
M	Wheel Base	mm	2850	2850
N	Overall Length	mm	7200	7450
O	Departure Angle	°	27	27
P	Height to Top of Cab	mm	3180	3180
Q	Overall Width over Bucket	mm	2500	2500
R	Min. Turning Radius over Bucket	mm	6190	6280
S	Min. Turning Radius over Tires	mm	5675	5675
T	Steering Angle – Left/Right	°	35	35
U	Width at Tread Center	mm	1850	1850
V	Overall Width over Tires	mm	2320	2320

OVERALL DATA

Bucket Capacity	1.7m ³	1.7m ³
Rated Payload	3000kg	3000kg
Operating Weight	10300±300kg	10500±300kg
Traction Force	97±3kN	97±3kN
Breakout Force	105±3kN	95±3kN
L×W×H(mm)	7200×2500×3180	7450×2500×3180

ENGINE&ELECTRICAL SYSTEM

Maker/Model	WEICHAI/WP6G125E22
Emission Standard	National II
Engine Type	4 Stroke, Turbocharged, Water-cooled, Direct Injection, Diesel Engine
Rated Power	92kW(125hp)/2200rpm
Maximum Torque	500N·m/1400-1600rpm
Bore x Stroke (mm)	105×130
No. of Cylinders/Displacement	6/6.75L
Compression Ratio	18.0
Air Cleaner	Three Stage Air Cleaner
Alternator	55Amp
Battery	2-24V/105Ah
Starting Motor	24V/6kW
Heating Capacity (W)	5000W
Cooling Capacity (W)	4700W

DRIVE TRAIN

Transmission Type	Countershaft Powershift Transmission			
Shift Type	Mechanical Powershift Control			
Pressure of Transmission	1.1-1.5MPa			
Torque Converter Type	Single-stage, Single-turbine, 3-element			
Torque Ratio	3.2			
Axles	Rigid Front Axle&Oscillating Rear Axle			
Rear Axle Oscillation (°)	±10°			
Differential	Conventional			
Main Reducer	Spiral Bevel, 1-stage Reduction			
Final Reducer	Planetary Reduction			
Tire	17.5-25 L-3 12PR TT			
Travel Speeds				
Forward	7	12	24	36
Reverse	8.5	28		

BRAKE SYSTEM

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

STEERING SYSTEM

Type	Hydraulic Load Sensing System
Pump	Gear Pump, 246L/min • 2200rpm
System Pressure	14MPa
Cylinder	Type Double Acting
Bore x Stroke	2-80×315mm
Steering Angle	±35°

HYDRAULIC SYSTEM

Type	Mechanical Shift Control			
Pump	Gear Pump, 246L/min • 2200rpm			
Control Valve	2 Spool (Bucket&Boom)			
System Pressure	16MPa			
Cylinder	Lift Cylinder 2-125×784mm			
No.-Bore x stroke	Tilt Cylinder 1-140×553mm			
Joystick Control Pressure(Optional)	2.5MPa			
Cycle Time (Sec)	Raise 5.5	Dump 1.3	Lower 3.7	Total 10.5

SERVICE REFILL CAPACITY

Fuel Tank (L)	200L
Hydraulic Tank (L)	150/155/3 rd Spool for Auxiliary Function
Crankshaft (L)	17L
Transmission (L)	36L
Front Axle/Rear Axle (L)	18.5L/18.5L

STANDARD EQUIPMENT

WEICHAI Engine	Mechanical Shift Control
4F/2R LONKING Transmission	Standard Lift&Bucket (1.7m ³)
Mechanical Powershift Control	ROPS&FOPS Cabin
LONKING Axles	Mechanical Instrument Panel
Flexible Shaft Controlled Caliper Brake(Parking Brake)	

OPTIONAL EQUIPMENT

Joystick Control	High Lift &Additional Counterweight
3F/3R LONKING Transmission	Quick Hitch Coupler
Air Conditioner	Quick Hitch Bucket (1.7m ³)
Radio/MP3	Bucket 1(2.0m ³)
Cold Starting (-35°C)	Enlarged Bucket(2.3m ³)
Oil-bath Air Filter	Coal Bucket(2.5m ³)
17.5R25 ★★ L-3 TL	Bucket(3 Piece Cutting Edges)
3 rd Spool for Auxiliary Function	Log Grapple
3-lever Control for Lift&Tilt&Auxiliary Function	Grass Grapple
Sliding Cabin Window	Side Tip Bucket
Electric Heating Rear Window	Log Fork
Lockable Oil Tank Cap	4in1 Bucket(Quick Hitch Only)
Rear View Camera	Snow Blade(Quick Hitch Only)
Pressure Testing Connector	Close Sweeper

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Efficiency Rules the Future

LG833N/CDM833 WHEEL LOADER

POWERFUL WEICHAI DEUTZ ENGINE
LONKING TRANSMISSION
LONKING AXLES
ROPS&FOPS CABIN
VARIETY WITH ATTACHMENT
CONVENIENT MAINTENANCE



■ RATED POWER:	92kW/2200rpm
■ BUCKET CAPACITY:	1.7 m ³
■ RATED PAYLOAD:	3000kg
■ OPERATING WEIGHT:	10300kg

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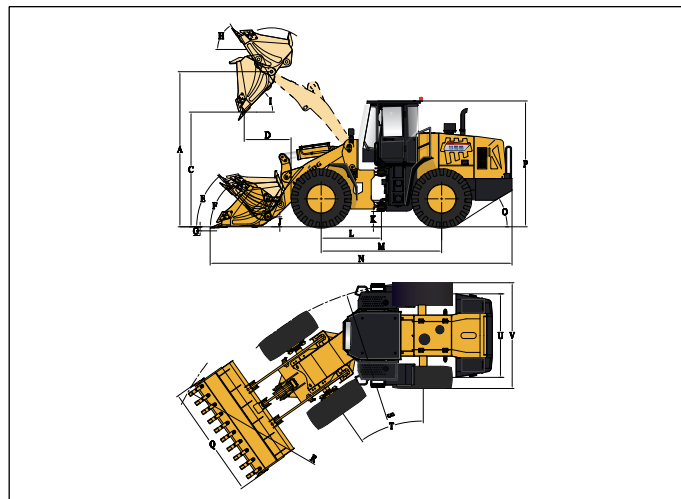
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DIMENSIONS

All dimensions are approximate. Dimensions may vary with bucket and tire choice. Refer to operating specifications.



NO.	DESCRIPTION	UNIT	High Dump
A	Bucket Pin Height at Max. Lift	mm	4064
C	Dump Clearance at Max. Lift (45°)	mm	3010
D	Reach at Max. Lift and 45° Dump	mm	1002
E	Rack Back Angle at Carry	°	46.6
F	Rack Back Angle at Ground	°	40.9
G	Digging Depth	mm	30-40
H	Rack Back Angle at Max. Lift	°	47
I	Dump Angle at Max. Lift	°	45
J	Carry Height	mm	400
K	Ground Clearance	mm	345
L	Center Line of Front Axle to Hitch	mm	1425
M	Wheel Base	mm	2850
N	Overall Length	mm	7600
O	Departure Angle	°	27
P	Height to Top of Cab	mm	3180
Q	Overall Width over Bucket	mm	2950
R	Min. Turning Radius over Bucket	mm	6280
S	Min. Turning Radius over Tires	mm	5440
T	Steering Angle - Left/Right	°	35
U	Width at Tread Center	mm	1850
V	Overall Width over Tires	mm	2320

OVERALL DATA

Bucket Capacity	2.3m³
Rated Payload	3000kg
Operating Weight	10800±300kg
Traction Force	97±3kN
Breakout Force	95±3kN
L×W×H(mm)	7600×2950×3180

ENGINE&ELECTRICAL SYSTEM

Maker/Model	WEICHAI/WP6G125E22
Emission Standard	National II
Engine Type	4 Stroke, Turbocharged, Water-cooled, Direct Injection, Diesel Engine
Rated Power	92kW(125hp)/2200rpm
Maximum Torque	500N·m/1400-1600rpm
Bore x Stroke (mm)	105×130
No. of Cylinders/Displacement	6/6.75L
Compression Ratio	18.0
Air Cleaner	Three Stage Air Cleaner
Alternator	55Amp
Battery	2-24V/105Ah
Starting Motor	24V/6kW
Heating Capacity (W)	5000W
Cooling Capacity (W)	4700W

DRIVE TRAIN

Transmission Type	Countershaft Powershift Transmission				
Shift Type	Mechanical Powershift Control				
Pressure of Transmission	1.1-1.5MPa				
Torque Converter Type	Single-stage, Single-turbine, 3-element				
Torque Ratio	3.2				
Axles	Rigid Front Axle&Oscillating Rear Axle				
Rear Axle Oscillation (°)	±10°				
Differential	Conventional				
Main Reducer	Spiral Bevel, 1-stage Reduction				
Final Reducer	Planetary Reduction				
Tire	17.5-25 L-3 12PR TT				
Travel Speeds	km/h	1st	2nd	3rd	4th
	Forward	7	12	24	36
	Reverse	8.5	28		

BRAKE SYSTEM

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

STEERING SYSTEM

Type	Hydraulic Load Sensing System	
Pump	Gear Pump, 246L/min • 2200rpm	
System Pressure	14MPa	
Cylinder	Type	Double Acting
	Bore x Stroke	2-80×315mm
Steering Angle	±35°	

HYDRAULIC SYSTEM

Type	Mechanical Shift Control			
Pump	Gear Pump, 246L/min • 2200rpm			
Control Valve	2 Spool (Bucket&Boom)			
System Pressure	16MPa			
Cylinder	Lift Cylinder	2-125×784mm		
	Tilt Cylinder	1-140×553mm		
Joystick Control Pressure(Optional)	2.5MPa			
Cycle Time (Sec)	Raise	Dump	Lower	Total
	5.5	1.3	3.7	10.5

SERVICE REFILL CAPACITY

Fuel Tank (L)	200L
Hydraulic Tank (L)	150/155/3 rd Spool for Auxiliary Function
Crankshaft (L)	17L
Transmission (L)	36L
Front Axle/Rear Axle (L)	18.5L/18.5L

STANDARD EQUIPMENT

WEICHAI Engine	Mechanical Shift Control
4F/2R LONKING Transmission	ROPS&FOPS Cabin
Mechanical Powershift Control	Mechanical Instrument Panel
LONKING Axles	
Flexible Shaft Controlled Caliper Brake(Parking Brake)	

OPTIONAL EQUIPMENT

Joystick Control	High Lift &Additional Counterweight
3F/3R LONKING Transmission	Quick Hitch Coupler
Air Conditioner	Quick Hitch Bucket (1.7m³)
Radio/MP3	Bucket 1(2.0m³)
Cold Starting (-35°C)	Enlarged Bucket(2.3m³)
Oil-bath Air Filter	Coal Bucket(2.5m³)
17.5R25 ★★ L-3 TL	Bucket(3 Piece Cutting Edges)
3 rd Spool for Auxiliary Function	Log Grapple
3-lever Control for Lift&Tilt&Auxiliary Function	Grass Grapple
Sliding Cabin Window	Side Tip Bucket
Electric Heating Rear Window	Log Fork
Lockable Oil Tank Cap	4in1 Bucket(Quick Hitch Only)
Rear View Camera	Snow Blade(Quick Hitch Only)
Pressure Testing Connector	Close Sweeper

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LG833NM WHEEL LOADER

POWERFUL WEICHAI DEUTZ ENGINE
LONKING TRANSMISSION
LONKING AXLES
ROPS&FOPS CABIN
VARIETY WITH ATTACHMENT
CONVENIENT MAINTENANCE



■ RATED POWER:	92kW/2200rpm
■ BUCKET CAPACITY:	2.3 m³
■ RATED PAYLOAD:	3000kg
■ OPERATING WEIGHT:	10800kg

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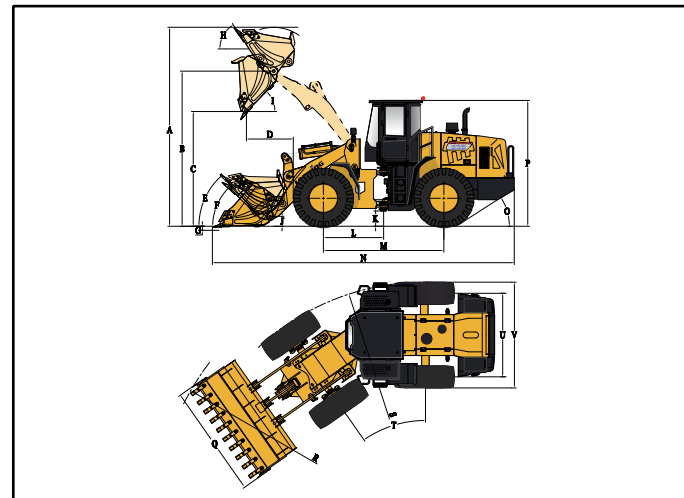
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DIMENSIONS

All dimensions are approximate. Dimensions may vary with bucket and tire choice. Refer to operating specifications.



NO.	DESCRIPTION	UNIT	STD	High Dump
A	Overall Height – Bucket Raised	mm	4737	6230
B	Bucket Pin Height at Max. Lift	mm	3710	5349
C	Dump Clearance at Max. Lift (45°)	mm	2904	4470
D	Reach at Max. Lift and 45° Dump	mm	1095	1590
E	Rack Back Angle at Carry	°	46.3	47.7
F	Rack Back Angle at Ground	°	40	44
G	Digging Depth	mm	30-40	30-40
H	Rack Back Angle at Max. Lift	°	50.7	53
I	Dump Angle at Max. Lift	°	46.6	42.7
J	Carry Height	mm	400	400
K	Ground Clearance	mm	345	345
L	Center Line of Front Axle to Hitch	mm	1425	1425
M	Wheel Base	mm	2850	2850
N	Overall Length	mm	7200	8990
O	Departure Angle	°	27	26
P	Height to Top of Cab	mm	3180	3180
Q	Overall Width over Bucket	mm	2500	2500
R	Min. Turning Radius over Bucket	mm	6190	7425
S	Min. Turning Radius over Tires	mm	5675	5705
T	Steering Angle – Left/Right	°	35	35
U	Width at Tread Center	mm	1850	1910
V	Overall Width over Tires	mm	2320	2380

OVERALL DATA

Bucket Capacity	1.7m ³	1.8m ³
Rated Payload	3000kg	1500kg
Operating Weight	10300±300kg	12850±300kg
Traction Force	97±3kN	97±3kN
Breakout Force	105±3kN	95±3kN
L×W×H(mm)	7200×2500×3180	8990×2500×3180

ENGINE&ELECTRICAL SYSTEM

Maker/Model	WEICHAI/WP6G125E22
Emission Standard	National III
Engine Type	4 Stroke, Turbocharged, Water-cooled, Direct Injection, Diesel Engine
Rated Power	92kW(125hp)/2200rpm
Maximum Torque	500N·m/1400-1600rpm
Bore x Stroke (mm)	105×130
No. of Cylinders/Displacement	6/6.75L
Compression Ratio	18.0
Air Cleaner	Three Stage Air Cleaner
Alternator	55Amp
Battery	2-24V/105Ah
Starting Motor	24V/6kW
Heating Capacity (W)	5000W
Cooling Capacity (W)	4700W

DRIVE TRAIN

Transmission Type	Countershaft Powershift Transmission				
Shift Type	Mechanical Powershift Control				
Pressure of Transmission	1.1-1.5MPa				
Torque Converter Type	Single-stage, Single-turbine, 3-element				
Torque Ratio	3.2				
Axles	Rigid Front Axle&Oscillating Rear Axle				
Rear Axle Oscillation (°)	±10°				
Differential	Conventional				
Main Reducer	Spiral Bevel, 1-stage Reduction				
Final Reducer	Planetary Reduction				
Tire	17.5-25 L-3 12PR TT				
Travel Speeds	km/h	1st	2nd	3rd	4th
	Forward	7	12	24	36
	Reverse	8.5	28		

BRAKE SYSTEM

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

STEERING SYSTEM

Type	Hydraulic Load Sensing System	
Pump	Gear Pump, 246L/min • 2200rpm	
System Pressure	14MPa	
Cylinder	Type	Double Acting
	Bore x Stroke	2-80×315mm
Steering Angle	±35°	

HYDRAULIC SYSTEM

Type	Mechanical Shift Control							
Pump	Gear Pump, 246L/min • 2200rpm							
Control Valve	2 Spool (Bucket&Boom)							
System Pressure	16MPa							
Cylinder	Lift Cylinder	2-125×700mm						
	Tilt Cylinder	1-140×535mm						
Joystick Control Pressure	2.5MPa							
Cycle Time (Sec)	Raise	5.0	Dump	1.0	Lower	3.0	Total	9.0

SERVICE REFILL CAPACITY

Fuel Tank (L)	200L
Hydraulic Tank (L)	150/155(3 rd Spool for Auxiliary Function)L
Crankshaft (L)	17L
Transmission (L)	36L
Front Axle/Rear Axle (L)	18.5L/18.5L

STANDARD EQUIPMENT

WEICHAI Engine	Mechanical Shift Control
4F/2R LONKING Transmission	Standard Lift&Bucket (1.7m ³)
Mechanical Powershift Control	ROPS&FOPS Cabin
LONKING Axles	Warm-air Machine
Flexible Shaft Controlled Caliper Brake(Parking Brake)	Mechanical Instrument Panel

OPTIONAL EQUIPMENT

Joystick Control	High Lift &Additional Counterweight
3F/3R LONKING Transmission	Quick Hitch Coupler
Air Conditioner	Quick Hitch Bucket (1.7m ³)
Radio/MP3	Bucket 1(2.0m ³)
Cold Starting (-35°C)	Enlarged Bucket(2.3m ³)
Oil-bath Air Filter	Coal Bucket(2.5m ³)
17.5R25 ★★ L-3 TL	Bucket(3 Piece Cutting Edges)
3 rd Spool for Auxiliary Function	Log Grapple
3-lever Control for Lift&Tilt&Auxiliary Function	Grass Grapple
Sliding Cabin Window	Side Tip Bucket
Electric Heating Rear Window	Log Fork
Lockable Oil Tank Cap	4in1 Bucket(Quick Hitch Only)
Rear View Camera	Snow Blade(Quick Hitch Only)
Pressure Testing Connector	Close Sweeper

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LG833NTG WHEEL LOADER

POWERFUL WEICHAI DEUTZ ENGINE
LONKING TRANSMISSION
LONKING AXLES
ROPS&FOPS CABIN
VARIETY WITH ATTACHMENT
CONVENIENT MAINTENANCE



■ RATED POWER:	92kW/ 2200 rpm
■ BUCKET CAPACITY:	1.7m ³
■ RATED PAYLOAD:	1500kg
■ OPERATING WEIGHT:	12850kg

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