

Engine	WeiChai
Gross Power	92 kW (123 hp) @ 2,200 rpm
Net Power	82 kW (110 hp) @ 2,200 rpm
Operating Weight	10,300 kg
Standard Bucket Size	1.7 m ³
Standard Breakout Force	100 kN
Standard Dump Clearance	2,910 mm

CLG836

Wheel Loader



TOUGH WORLD. TOUGH EQUIPMENT.

ENGINE

Emission Regulation	Tier 2 / Stage II
Model	WP6G125E22
Gross Power	92 kW (123 hp) @ 2,200 rpm
Net Power	82 kW (110 hp) @ 2,200 rpm
Peak Torque	500 N • m @1,400~1,600 rpm
Displacement	5.9L
Number of Cylinders	6
Aspiration	turbocharged

TRANSMISSION

Transmission Type	Planetary type, power shift
Transmission Configuration	2f-1r
Torque Converter	Single element, four-element
Maximum Travel Speed, fwd	35 km/h
Maximum Travel Speed, rev	14.5 km/h
Number of Speeds, fwd	2
Number of Speeds, rev	1

AXLES

Differential Front Type	conventional
Differential Rear Type	conventional
Axle Oscillation	±11 °

STEERING

Steering Configuration	articulated
Steering Relief Pressure	14.8 MPa

BRAKES

Service Brake Type	caliper dry disc
Service Brake Actuation	hydraulic
Parking Brake Type	shoe/drum
Parking Brake Actuation	mechanical

HYDRAULIC SYSTEM

Main Pump Type	gear
Main Relief Pressure	17 MPa
Raise	4.6 s
Dump Time	1.2 s
Float Down Time	2.6 s
Fastest Total Cycle Time	8.4 s

LOADER ARM PERFORMANCE

Tipping Load - Straight	7,342 kg
Tipping Load - Full Turn	6,628 kg
Bucket Breakout Force	100 kN
Maximum Dump Angle at Full Height	45°
Dump Clearance at Full Height Discharge	2,910 mm
Dump clearance Long Arm	3,295 mm
Dump Reach at Full Height Discharge	1,072 mm
Dump reach Long Arm	981 mm
Maximum Hinge Pin Height	3,740 mm
Maximum Digging Depth, Bucket Level	43 mm
Bucket Rollback at Ground Level	43°
Bucket Rollback at Carry	50.5 °
Bucket Rollback at Maximum Height	63.5 °

BUCKET PERFORMANCE

Reference Bucket	1.7 m ³
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DIMENSIONS

Length with Bucket Down	6,880 mm
Width Over Tires	2,295 mm
Wheelbase	2,870 mm
Wheel Tread	1,850 mm
Ground Clearance	322 mm
Turn Angle, Either Side	40 °
Rear Angle of Departure	30°
Turning Radius, Outside of Tire	5,173 mm
Turning Radius, Center of Tire	4,951 mm
Turning Radius, Bucket Carry	5,674 mm

TIRES

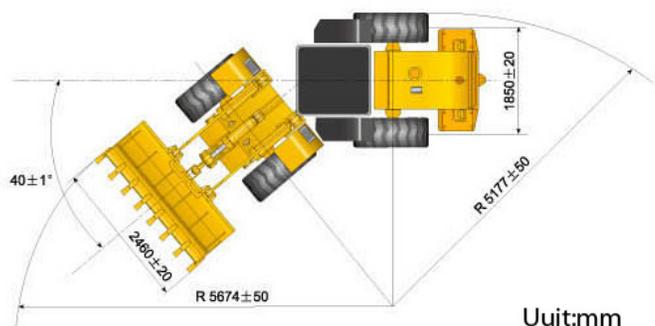
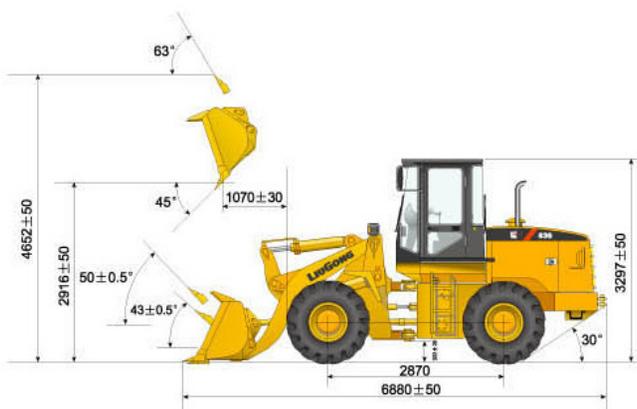
Tire Size	17.5-25
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OPERATING WEIGHTS

Operating Weight	10,300 kg
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SERVICE CAPACITIES

Fuel Tank	160 L
Engine Oil	13 L
Cooling System	35 L
Hydraulic Reservoir	115 L
Transmission and Torque Converter	45 L
Axles, each	22 L



Unit:mm

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