



ZL30E Wheel Loader



Engine	Yuchai
Gross Power	92 kW (123 hp) @ 2,200 rpm
Net Power	83 kW (111 hp) @ 2,200 rpm
Operating Weight	10,500 kg
Standard Bucket Size	1.7 m ³
Standard Breakout Force	93.5 kN
Standard Dump Clearance	2,911 mm

ZL30E

Wheel Loader



ENGINE

Emission Regulation	Tier 2 / Stage II
Make	Yuchai
Gross Power	92 kW (123 hp) @ 2,200 rpm
Net Power	83 kW (111 hp) @ 2,200 rpm
Peak Torque	500 N·m @ 1,400 - 1,600 rpm
Displacement	6.5 L
Number of Cylinders	6
Aspiration	turbocharged

TRANSMISSION

Transmission Type	planetary power shift
Torque Converter	double - stage, four -element
Maximum Travel Speed, fwd	33 km/h
Maximum Travel Speed, rev	13 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 Mpa

BRAKES

Service Brake Type	caliper dry disc
Service Brake Actuation	air over hydraulic
Parking Brake Type	manual pneumatic control
Parking Brake Actuation	spring apply; air release

HYDRAULIC SYSTEM

Main Pump Type	gear
Main Relief Pressure	16 Mpa
Raise	5.9 s
Fastest Total Cycle Time	11.1 s

LOADER ARM PERFORMANCE

Tipping Load - Straight	6,500 kg
Tipping Load - Full Turn	5,800 kg
Bucket Breakout Force	93.5 kN
Maximum Dump Angle at Full Height	45°
Dump Clearance at Full Height Discharge	2,911 mm
Dump Reach at Full Height Discharge	1,050 mm
Maximum Hinge Pin Height	3,721 mm
Maximum Digging Depth, Bucket Level	35 mm
Bucket Rollback at Ground Level	40°
Bucket Rollback at Carry	45°
Bucket Rollback at Maximum Height	60°

BUCKET PERFORMANCE

Reference Bucket	1.7 m ³
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DIMENSIONS

Length with Bucket Down	6,707 mm
Width Over Tires	2,300 mm
Wheelbase	2,870 mm
Wheel Tread	1,850 mm
Ground Clearance	325 mm
Turn Angle, Either Side	40°
Rear Angle of Departure	30°
Turning Radius, Outside of Tire	5,044 mm
Turning Radius, Center of Tire	4,819 mm
Turning Radius, Bucket Carry	5,676 mm

TIRES

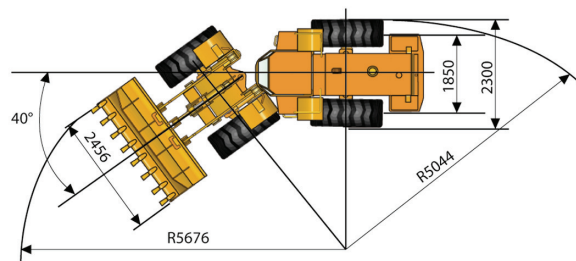
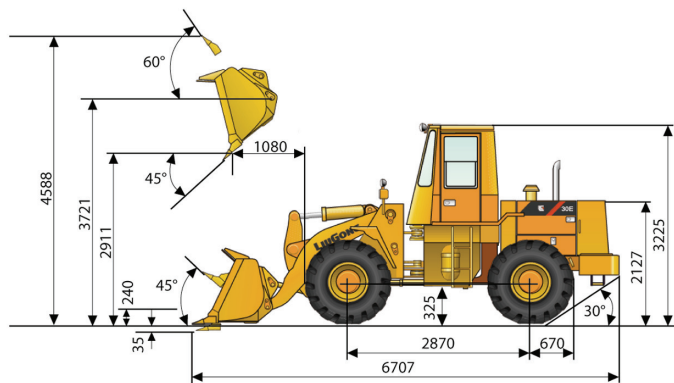
Tire Size	17.5 - 25
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OPERATING WEIGHTS

Operating Weight	10,500 kg
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SERVICE CAPACITIES

Fuel Tank	140 L
Engine Oil	17.5 L
Cooling System	34 L
Hydraulic Reservoir	100 L
Transmission and Torque Converter	45 L
Axles, each	22 L



Unit: mm



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