LiuGong



Engine	Cummins X 12
Rated Power	277 kw (371 hp / 377 ps) @ 2,100 rpm
Operating Weight	49,000 kg
Standard Bucket Size	8.0 m^3

8128TE-WD WHEEL LOADER

TOUGH WORLD. TOUGH EQUIPMENT.

8128TE-WD SPECIFICATIONS >>>

ENGINE	
Emissions Rating	EPA Tier 3
Manufacturer	Cummins
Model	Cummins X12
Rated Power	277 kw (371 hp / 377 ps) @ 2,100 rpm
Peak Torque	1,898 N·m
Displacement	11.8 L
Number of Cylinder	6
Aspiration	Turbocharged & Air-to-Air Intercooling

ENERGY STORAGE SYSTEM	
Type	Supercapacitor

TRANSMISSION	
Drive Type	Distributed Electric Drive
Maximum Travel Speed, fwd	34 km/h
Maximum Travel Speed, rev	34 km/h
Number of Speed, fwd	2
Number of Speed, rev	2

AXLES	
Axle Type	Electric Wheel
Axle Oscillation	±10°

STEERING	
Steering Configuration	Load Sensing System
Steering Relief Pressure	26 MPa

BRAKES	
Service Brake Type	Electric Braking + Full Hydraulic Caliper Disc Brake
Service Brake Actuation	Electric Drive + Hydraulic Drive
Parking Brake Type	Caliper Disc
Parking Brake Actuation	Hydraulic Braking

HYDRAULIC SYSTEM	
Main Pump Type	Piston
Main Relief Pressure	25 MPa
Raise	1.99 s

LOADER ARM PERFORMANCE WITH STANDARD BUCKET 2.0 m³	
A Blade Width	5,150 mm
B Lifting Height	1,450 mm
C Maximum Digging Depth	450 mm
D Maximum Tilt Height	1,350 mm

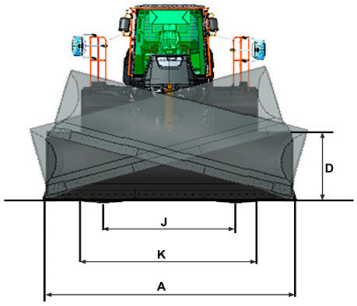
BUCKET PERFORMANCE	
Bucket Capacity Range	8.0–10.0 m³

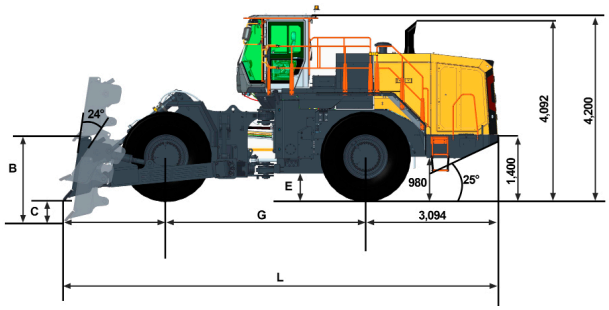
DIMENSIONS	
E Ground Clearance	497 mm
G Wheelbase	4,550 mm
H Cab Height	4,200 mm
J Wheel Tread	2,710 mm
K Width over Tires	3,590 mm
L Length with Grapple Down	10,005 mm
M Turn Angle, Either Side	43°
P Rear Angle of Departure	25°
R_1 Turning Radius, Grapple Carry	8,678 mm
R_2 Turning Radius, Outside of Tire	7,620 mm
W Width over Grapple	5,150 mm

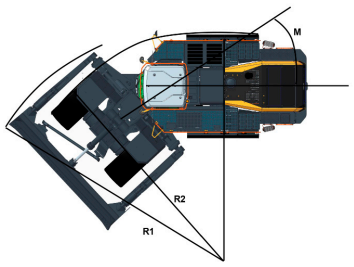
TIRES	
Tire Size	35-65R33 ★★ L-5

OPERATING WEIGHTS	
Operating Weight	49,000 kg

SERVICE REFILL CAPACITY	
Fuel Tank	700 L
Engine Oil	35 L
Cooling System	182 L
Hydraulic System	450 L
Axles, Front / Rear	23 L / 23 L







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03/2026 Designed by LiuGong
Replace the previous version of 01/2026

Specifications and designs are subject to change without notice. Machines shown may include optional equipment. LiuGong standard and optional equipment may vary from region to region. Please consult your LiuGong dealer for information specific to your area. Engine power kW is converted to horsepower (1 kW=1.3596 ps and 1 kW=1.3410 hp) in this file.