



Engine	Cummins QSK19
Max. Gross Power	419 kW (562 hp / 570 ps) @ 1,600 rpm
Max. Net Power	398 kW (534 hp / 541 ps) @ 1,600 rpm
Operating Weight	52,000 kg
Standard Bucket Size	7.0 m ³
Standard Breakout Force	395 kN
Standard Dump Clearance	3,910 mm

8128H WHEEL LOADER

8128H SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 3/Stage IIIA
Make	Cummins
Model	QSK19
Max. Gross Power	419 kW (562 hp / 570 ps) @ 1,600 rpm
Max. Net Power	398 kW (534 hp / 541 ps) @ 1,600 rpm
Rated Power	418 kW (561 hp / 569 ps) @ 2,000 rpm
Peak Torque	2,644 N·m @ 1,500 rpm
Displacement	19 L
Number of Cylinders	6
Aspiration	Turbocharged & Air-to-air intercooled

TRANSMISSION

Transmission Type	Countershaft, power shift
Torque Converter	Single stage, three elements
Maximum Travel Speed, fwd	36 km/h
Maximum Travel Speed, rev	36 km/h
Number of Speeds, fwd	4
Number of Speeds, rev	4

AXLES

Differential Front Type	Limited slip
Differential Rear Type	Open
Axle Oscillation	± 12°

STEERING

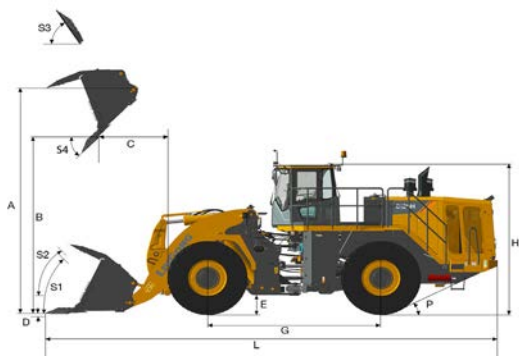
Steering Configuration	Articulated
Steering Relief Pressure	21 MPa

BRAKES

Service Brake Type	Wet discs brake
Service Brake Actuation	Hydraulic
Parking Brake Type	Mechanical control
Parking Brake Actuation	Hydraulic

HYDRAULIC SYSTEM

Main Pump Type	Piston
Main Relief Pressure	26 MPa
Raise	8.5 s
Dump Time	2.1 s
Float Down Time	4.0 s
Fastest Total Cycle Time	14.6 s



LOADER ARM PERFORMANCE with Standard Bucket 7.0 m³

Tipping Load - Straight (ISO 14397-1:2007)	38,900 kg
Tipping Load - Full Turn (ISO 14397-1:2007)	32,600 kg
Bucket Breakout Force	395 kN
A Maximum Hinge Pin Height	5,645 mm
B Dump Clearance at Full Height Discharge	3,910 mm
C Dump Reach at Full Height Discharge	2,050 mm
D Maximum Digging Depth, Bucket Level	137 mm
S ₁ Bucket Rollback at Ground Level	43°
S ₂ Bucket Rollback at Carry	49°
S ₃ Bucket Rollback at Maximum Height	59°
S ₄ Maximum Dump Angle at Full Height	45°

BUCKET PERFORMANCE

Reference Bucket	7.0 m ³
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DIMENSIONS

E Ground Clearance	480 mm
G Wheelbase	4,550 mm
H Cab Height	4,195 mm
J Wheel Tread	2,700 mm
K Width Over Tires	3,590 mm
L Length with Bucket Down	11,845 mm
M Turn Angle, Either Side	43°
P Rear Angle of Departure	25°
R ₁ Turning Radius, Bucket Carry	8,620 mm
R ₂ Turning Radius, Outside of Tire	7,620 mm
K Width Over Bucket	3,810 mm

TIRES

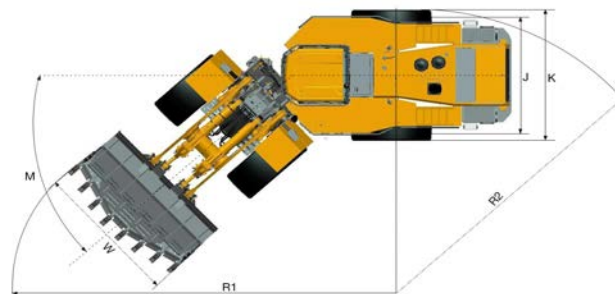
Tire Size	35/65 R33
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OPERATING WEIGHTS

Operating Weight	52,000 kg
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SERVICE CAPACITY

Fuel Tank	667 L
Engine Oil	60 L
Cooling System	95 L
Hydraulic Reservoir	515 L
Transmission and Torque Converter	140 L
Axles, each	115 L



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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.

06/2020 Designed by LiuGong
Replace the previous versions of 06/2019