



Engine	Cummins QSM11
Max. Gross Power	272 kW (365 hp / 370 ps) @ 1,800 rpm
Max. Net Power	258 kW (346 hp / 351 ps) @ 1,800 rpm
Operating Weight	25,327 kg
Standard Bucket Size	4.5 m ³
Standard Breakout Force	220 kN
Standard Dump Clearance	3,300 mm

886H WHEEL LOADER

886H SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 3 / Stage IIIA
Manufacturer	Cummins
Model	QSM11
Max. Gross Power	272 kW (365 hp / 370 ps) @ 1,800 rpm
Max. Net Power	258 kW (346 hp / 351 ps) @ 1,800 rpm
Peak Torque	1,674 N · m @ 1,400 rpm
Displacement	10.8 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	40 km/h
Maximum Travel Speed, rev	27.5 km/h
Number of Speeds, fwd	4
Number of Speeds, rev	3

AXLES

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

STEERING

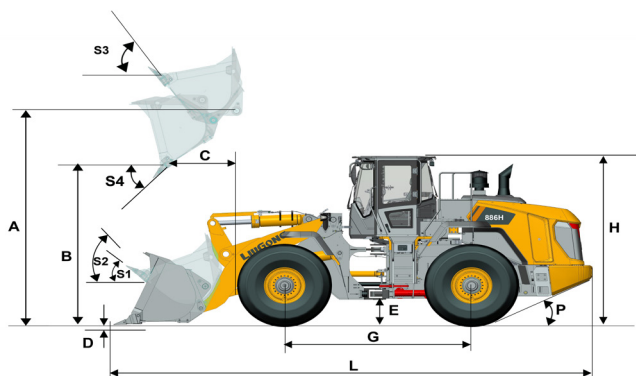
Steering Configuration	Articulated
Steering Relief Pressure	21 MPa

BRAKES

Service Brake Type	Wet discs brake
Service Brake Actuation	Fully hydraulic
Parking Brake Type	Disc
Parking Brake Actuation	Electro-hydraulic release

HYDRAULIC SYSTEM

Main Pump Type	Piston + Gear
Main Relief Pressure	23 MPa
Raise	5.8 s
Dump Time	1.4 s
Float Down Time	3.3 s
Fastest Total Cycle Time	10.5 s



LOADER ARM PERFORMANCE with STANDARD BUCKET 4.5 m³

Tipping Load - Straight according to ISO 14397-1:2007	20,378 kg
Tipping Load - Full Turn according to ISO 14397-1:2007	17,560 kg
Bucket Breakout Force	220 kN
A Maximum Hinge Pin Height	4,552 mm
B Dump Clearance at Full Height Discharge	3,300 mm
C Dump Reach at Full Height Discharge	1,314 mm
D Maximum Digging Depth, Bucket Level	100 mm
S ₁ Bucket Rollback at Ground Level	45°
S ₂ Bucket Rollback at Carry	49°
S ₃ Bucket Rollback at Maximum Height	61°
S ₄ Maximum Dump Angle at Full Height	45°

BUCKET PERFORMANCE

Reference Bucket	4.2-8.0 m ³
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DIMENSIONS

E Ground Clearance	485 mm
G Wheelbase	3,550 mm
H Cab Height	3,580 mm
J Wheel Tread	2,270 mm
K Width Over Tires	2,970 mm
L Length with Bucket Down	9,360 mm
M Turn Angle, Either Side	38°
P Rear Angle of Departure	26°
R ₁ Turning Radius, Bucket Carry	7,550 mm
R ₂ Turning Radius, Outside of Tire	6,625 mm
W Width Over Bucket	3,188 mm

TIRES

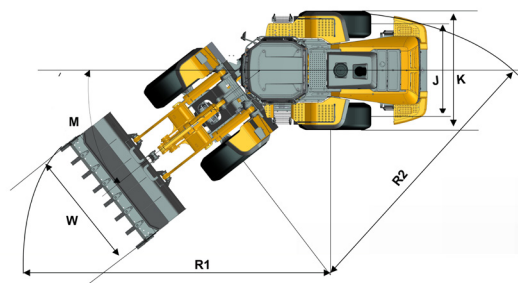
Tire Size	26.5-25 PR26
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OPERATING WEIGHTS

Operating Weight	25,327 kg
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SERVICE CAPACITIES

Fuel Tank	420 L
Engine Oil	33 L
Cooling System	36 L
Hydraulic System	220 L
Transmission and Torque Converter	50 L
Axles, each	60 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.

08/2022 Designed by LiuGong
Replace the previous versions of 02/2022