



Engine	Cummins QSM11
Rated Power	287 kW (385 hp / 390 ps) @ 2,100 rpm
Net Power	273 kW (366 HP / 371 PS) @ 2,100 RPM
Operating Mass	31,245 kg
Standard Bucket Size	5.4 M ³
Standard Breakout Force	236 kN
Standard Dump Clearance	3,330 mm

890H WHEEL LOADER

890H SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 3/ Stage IIIA
Manufacturer	Cummins
Model	QSM11
Rated Power	287 kW (385 hp / 390 ps) @ 1,800 rpm
Net Power	273 kW (366 hp / 371 ps) @ 1,800 rpm
Peak Torque	1,776 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	38.2km/h
Maximum Travel Speed, rev	26.5 km/h
Number of Speed,fwd	4
Number of Speed,Rev	3

AXLES

Differential Front Type	Differential Hydraulic Limited
Differential Rear Type	Conventional
Axle Oscillation	±13°

STEERING

Steering Configuration	Articulated
Steering Pressure Relief	20.7 MPa

BRAKES

Service Brake Type	Wet discs brake
Service Brake Actuation	Fully Hydraulic
Park Brake Type	Drum
Park Brake Actuation	Electro-hydraulic release

HYDRAULIC SYSTEM

Main Pump Type	Piston
Main Relief Pressure	26 Mpa
Raise	6.0 s
Dump Time	1.6 s
Float Down Time	3.4 s
Fastest Total Cycle Time	11.0 s

LOADER ARM PERFORMANCE WITH STANDARD BUCKET 2.5 M³

Tipping Load-Straight (ISO 14397-1:2007)	23,100 kg
Tipping Load-Full Turn(ISO 14397-1:2007)	20,320 kg
Bucket Breakout Force	236 kN
A. Maximum Hinge Pin Height	4,572 mm
B. Dump Clearance at Full Height Discharge	3,330 mm
C. Dump Reach at Full Height Discharge	1,479 mm
D. Maximum Digging Depth, Bucket Level	125 mm
S1. Bucket Roll back at Ground Level	44.6°
S2. Bucket Roll Back at Carry	49°
S3. Bucket Roll Back at Maximum Height	62°
S4. Maximum Dump Angle at Full Height	45°

BUCKET PERFORMANCE

Reference Bucket	4.0-9.0 m ³
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DIMENSIONS

E. Ground Clearance	476 mm
G. Wheelbase	3,700 mm
H. Cab Height	3,765 mm
J. Wheel Tread	2,420 mm
K. Width Over Tyres	3,170 mm
L. Length with Bucket Down	9,450 mm
M. Turn Angle, Either Side	38°
P. Rear Angle of Departure	25°
R1. Turning Radius, Bucket Carry	7,878 mm
R2. Turning Radius, Outside of Tyre	6,958 mm
W. Width over bucket	3,532 mm

TYRES

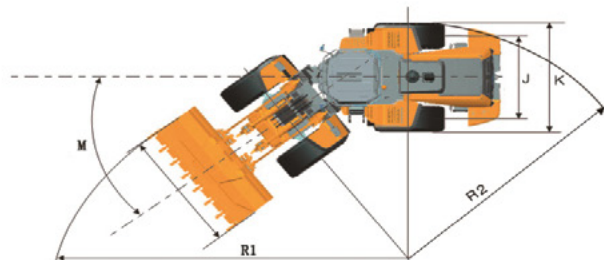
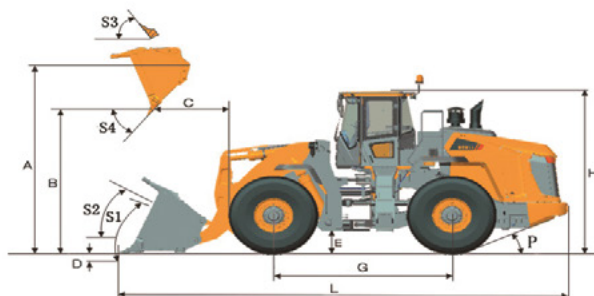
Tyre Size	29.5-25PR28
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OPERATING WEIGHT

Operating Weight	31,245 kg
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SERVICE CAPACITY

Fuel Tank	485 L
Engine Oil	33 L
Cooling System	41 L
Hydraulic system	255 L
Transmission and Torque Converter	50 L
Axles, Front/Rear	65 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.

04/2020 Designed by LiuGong
 Replace the previous versions of 08/2019