



Engine	Cummins L9PLUST3
Max. Gross Power	285 kW (382 hp / 387 ps) @ 1,700 rpm
Rated Power	240 kW (322 hp / 326 ps) @ 2,000 rpm
Operating Weight	25,516 kg
Standard Bucket Size	4.5 m ³
Standard Breakout Force	240 kN
Standard Dump Clearance	3,342 mm

886HST WHEEL LOADER

TOUGH WORLD. TOUGH EQUIPMENT.

886HST SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier 3 / Stage III
Manufacturer	Cummins
Model	L9PLUST3
Max. Gross Power	285 kW (382 hp / 387 ps) @ 1,700 rpm
Rated Power	240 kW (322 hp / 326 ps) @ 2,000 rpm
Peak Torque	1,800 N.m @ 1,200-1,400 rpm
Displacement	8.9 L
Number of Cylinders	6
Aspiration	Turbocharged & Air-to-air intercooled

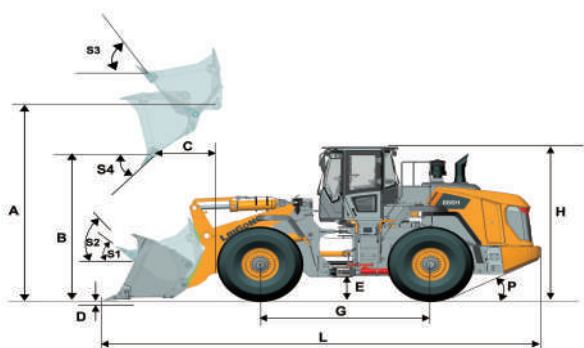
TRANSMISSION	
Transmission Type	Hydrostatic transmission gearbox
Maximum Travel Speed, fwd	38 km/h
Maximum Travel Speed, rev	38 km/h
Number of Speeds, fwd	2
Number of Speeds, rev	2

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

STEERING	
Steering Configuration	Articulated
Steering Relief Pressure	21 MPa

BRAKES	
Service Brake Type	Fully hydraulic
Service Brake Actuation	Intelligent power distribution and integrated pedal for braking and speed reduction
Parking Brake Type	Caliper discs brake
Parking Brake Actuation	Electro-hydraulic release

HYDRAULIC SYSTEM	
Main Pump Type	Piston + Gear
Main Relief Pressure	Bucket tilt joint: 25 MPa Boom joint: 28 MPa
Raise	5.8 s
Dump Time	1.2 s
Float Down Time	3.5 s
Fastest Total Cycle Time	10.5 s



LOADER ARM PERFORMANCE WITH STANDARD BUCKET 4.5 m³	
Tipping Load - Straight (ISO 14397-1:2007)	20,378 kg
Tipping Load - Full Turn (ISO 14397-1:2007)	17,560 kg
Bucket Breakout Force	240 kN
A Maximum Hinge Pin Height	4,591 mm
B Dump Clearance at Full Height Discharge	3,342 mm
C Dump Reach at Full Height Discharge	1,275 mm
D Maximum Digging Depth, Bucket Level	93 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°

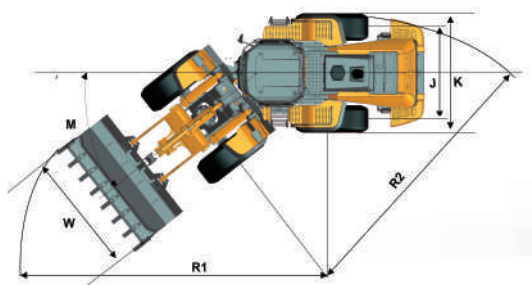
BUCKET PERFORMANCE	
Reference Bucket	3.5 - 8.0 m³

DIMENSIONS	
E Ground Clearance	485 mm
G Wheelbase	3,550 mm
H Cab Height	3,580 mm
J Wheel Tread	2,380 mm
K Width Over Tires	3,055 mm
L Length with Bucket Down	9,315 mm
M Turn Angle, Either Side	38°
P Rear Angle of Departure	26°
R ₁ Turning Radius, Bucket Carry	7,480 mm
R ₂ Turning Radius, Outside of Tire	6,623 mm
W Width Over Bucket	3,188 mm

TIRES	
Tire Size	26.5-25PR28

OPERATING WEIGHTS	
Operating Weight	25,516 kg

SERVICE CAPACITIES	
Fuel Tank	500 L
Engine Oil	28 L
Cooling System	45 L
Hydraulic System	288 L
Transmission and Torque Converter	7 L
Axles, front/rear	63 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.

11/2024 Designed by LiuGong
Replace the previous versions of 03/2024