



<b>Engine</b>	Cummins
<b>Gross Power</b>	228 HP (170 kW)
<b>Operating Weight</b>	18,445 Kg
<b>Payload Capacity</b>	5,800 Kg
<b>Standard Bucket</b>	3.5 m <sup>3</sup>

# 856T<sup>MAX</sup> WHEEL LOADER

<b>OPERATING WEIGHT</b>	<b>18,445 Kg</b>
<b>ENGINE</b>	
Manufacturer	Cummins
Model	L9
Emission Level	CEV V
Gross Power	228 HP (170 kW) @ 2000 rpm
Peak Torque	1187Nm @ 1300 rpm
Displacement	8.9 L
Aspiration	Turbocharged
Number of Cylinders	6

<b>BUCKET CAPACITY</b>	
HD Bucket	2.5 m <sup>3</sup>
General Purpose Bucket	3.5 m <sup>3</sup>
Light Material	5.5 m <sup>3</sup>

<b>TRANSMISSION</b>	
Make	Liugong BS308E Gearbox
Transmission Type	Powershift
Torque Converter	Twin Turbine, Four Member
Number of Speed	Forward 2 / Reverse 1
Forward Speed F1/F2	12/38 km/h
Reverse R1	15.5 km/h

<b>AXLES</b>	
Make	LiuGong
Type	Planetary Hub Reduction
Axle Oscillation	Front Fixed and Rear ±11°

<b>TIRES</b>	
Standard	23.5-25 PR20
Optional	Radial: 23.5-R25 ★★

<b>BRAKE SYSTEM</b>	
Service/Secondary Brake	Air Over Hydraulic Actuation
Parking Brake	Drum Type Mechanical

<b>ELECTRICAL SYSTEM</b>	
System Voltage	24V
Battery	180Ah, 12V x 2

<b>HYDRAULIC SYSTEM</b>	
Main Pump Type	Gear Pump
Main Relief Pressure	19.5 MPa
Control	Single Pilot Lever
Total Cycle Time	9.9 Sec

<b>STEERING SYSTEM</b>	
Steering Type	Articulated
Pump Type	Hydraulic Gear Pump
Steering Working Pressure	19.5 MPa
Maximum Articulation Angle	±38°

<b>SERVICE CAPACITIES</b>	
Fuel Tank	300 L
Hydraulic Tank	133 L
Engine Oil	26 L
Cooling System	50 L
Front Axle Oil	33 L
Rear Axle Oil	36 L
Transmission & Torque Converter Oil	42 L

<b>CABIN STANDARD FEATURES</b>	
Air Conditioned	
I-Link	
ROPS & FOPS	
Rear View Camera	
Mechanical Suspension Seat	
Cabin Guard	

**AIS160 (Part 1 & Part 2) COMPLIANT**



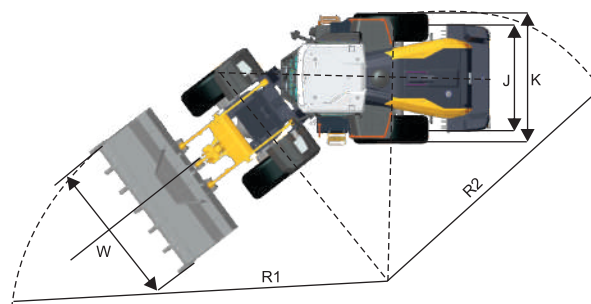
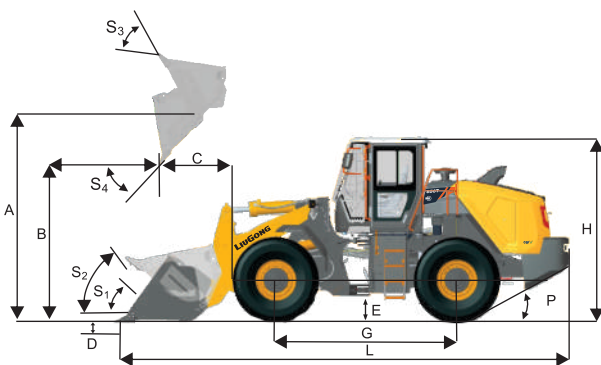
Mapping & Tracking | Geofencing | Utilization Report | Service Management

<b>LOADER PERFORMANCE WITH STANDARD BUCKET 3.5 m<sup>3</sup></b>	
Tipping Load- Straight	15,877 kg
Tipping Load- Full Turn	13,878 kg
Bucket Breakout Force	175 kN
A-Hinge Pin Height, Fully Raised	4156 mm
B-Dumping Height, Fully Raised	3015 mm
C-Dumping Reach, Fully Raised	1110 mm
D-Max. Digging Depth	50 mm
E-Min. Ground Clearance	450 mm
G-Wheel Base	3400 mm
H-Overall Height ( Top of Cab)	3400 mm
J-Tread Width	2150 mm
K-Overall Width (Outside of Wheel)	2745 mm
L-Overall Length (Bucket on Ground)	8600 mm
P-Departure Angle	30°
W-Overall Width (Outside on Bucket)	2970 mm
S1-Bucket Rollback at Ground Level	44°
S2-Bucket Rollback at Carry	48°
S3-Bucket Rollback at Maximum	62°
S4-Maximum Dump Angle at Full Height	45°
R1-Turning Radius (Outside of Bucket)	7100 mm
R2-Turning Radius (Outside of Rear Wheel)	6100 mm

<b>OPTIONAL</b>	
Multiple Fork and Log Handling	
Quick Coupler	
Cold start kit	
Side Dump Bucket	
Snow Plow	
Dozer Blade	
Radial Tires	

<b>HIGH LIFT BOOM (OPTIONAL)</b>		
Bucket	Hinge Pin Height	Dump Height
GP-3.5m <sup>3</sup>	4558 mm	3480 mm
COAL-5.0m <sup>3</sup>	4558 mm	3250 mm

<b>DGMS KIT (OPTIONAL)</b>	
Rim Protection Device	Seat Belt Reminder
Automatic Fire Suppression & Detection System	Neutral Braking /Door Interlock
Automatic Centralized Lubrication System	Emergency Stop / Ground Level Engine Shutoff- Button
Rotary Beacon	Audio Visual Alarm
Proximity Warning Device	Operator Fatigue Warning
	3 Point Contact Seat Belt



Note: Standard operating conditions, altitude: ≤3000 m (without deration), temperature:- 15°C~50°C (without cold start)

Parameters of actual equipment shall be within ±2.5% of the values illustrated. Specifications are subject to change without prior notice. Optional equipments are available upon request. Please contact your local Liugong dealer for detailed information

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