LiuGong



Engine	Cummins 6LTAA9.3
Rated Powe	162 kW (217 hp / 220 ps) @ 2,200 rpm
Net Power	162 kW (217 hp / 220 ps) @ 2,200 rpm
Operating Weight	17,900 kg
Standard Bucket Size	3.5 m^3
Standard Breakout Force	180.7 kN
Standard Dump Clearance	2,978 mm

856H MAX WHEEL LOADER

TOUGH WORLD. TOUGH EQUIPMENT.

856H MAX SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier 2 / Stage II
Make	Cummins
Model	6LTAA9.3
Rated Power	162 kW (217 hp / 220 ps) @ 2,200 rpm
Net Power	162 kW (217 hp / 220 ps) @ 2,200 rpm
Peak Torque	940 N·m @ 1,400 rpm
Displacement	9.3 L
Number of Cylinder	6
Aspiration	Turbocharged & Air-to-air intercooled

TRANSMISSION	
Transmission Type	Electric proportional, power shift
Torque Converter	Single stage, three elements
Maximum Travel Speed, fwd	37 km/h
Maximum Travel Speed, rev	24 km/h
Number of Speed, fwd	4
Number of Speed, Rev	3

AXLES	
Differential Front Type	Limited slip
Differential Rear Type	Limited slip
Axle Oscillation	± 10°

STEERING	
Steering Configuration	Articulated
Steering Relief Pressure	20.7 MPa

BRAKES	
Service Brake Type	Wet discs brake
Service Brake Actuation	Hydraulic
Parking Brake Type	Drum
Parking Brake Actuation	Electro-hydraulic release

HYDRAULIC SYSTEM	
Main Pump Type	Gear
Main Relief Pressure	25 MPa
Raise	5.3 s
Dump Time	1.0 s
Float Down Time	3.0 s
Fastest Total Cycle Time	9.3 s

LOADER ARM PERFORMANCE with Standard Bucket 3.5 m^3	
Tipping Load - Straight (ISO 14397-1:2007)	14,500 kg
Tipping Load - Full Turn (ISO 14397-1:2007)	12,600 kg
Bucket Breakout Force	180.7 kN
A Maximum Hinge Pin Height	4,156 mm
B Dump Clearance at Full Height Discharge	2,978 mm
C Dump Reach at Full Height Discharge	1,231 mm
D Maximum Digging Depth, Bucket Level	50 mm
S_1 Bucket Rollback at Ground Level	44°
S_2 Bucket Rollback at Carry	49°
S_3 Bucket Rollback at Maximum Height	62°
S_4 Maximum Dump Angle at Full Height	45°

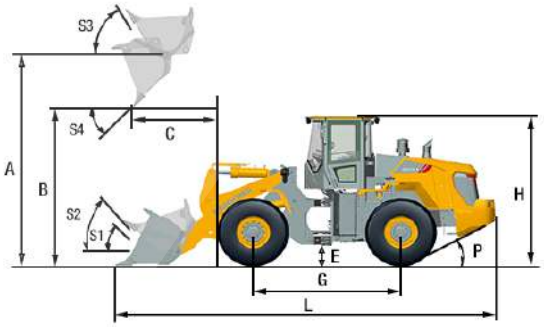
BUCKET PERFORMANCE	
Reference Bucket	2.7 - 5.6 m^3

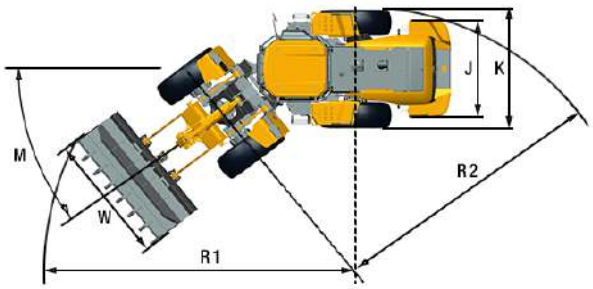
DIMENSIONS	
E Ground Clearance	431 mm
G Wheelbase	3,370 mm
H Cab Height	3,500 mm
J Wheel Tread	2,150 mm
K Width Over Tires	2,750 mm
L Length with Bucket Down	8,100 mm
M Turn Angle, Either Side	38°
P Rear Angle of Departure	28°
R_1 Turning Radius, Bucket Carry	6,884 mm
R_2 Turning Radius, Outside of Tire	6,308 mm
W Width Over Bucket	2,970 mm

TIRES	
Tire Size	23.5-25 PR20 L-3 TT

OPERATING WEIGHTS	
Operating Weight	17,900 kg

SERVICE CAPACITY	
Fuel Tank	300 L
Engine Oil	26 L
Cooling System	42 L
Hydraulic System	225 L
Transmission and Torque Converter	35 L
Axles, Front/Rear	50 L / 48 L





Guangxi Liugong Machinery Co., Ltd.
No. 1 Liutai Road, Liuzhou, Guangxi 545007, PR China
T: +86 772 3886124 E: overseas@liugong.com
www.liugong.com

03/2024 Designed by LiuGong
Replace the previous versions of 03/2023

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.