LiuGong



Engine	Cummins 6LT9.3
Rated Power	162 kW (217 hp / 220 ps) @ 2,000 rpm
Operating Weight	16,200 kg
Standard Bucket Size	3.0 m^3
Standard Breakout Force	153 kN
Standard Dump Clearance	3,037 mm

855N WHEEL LOADER

TOUGH WORLD. TOUGH EQUIPMENT.

855N SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier 2 / Stage II
Manufacturer	Cummins
Model	6LT9.3
Rated Power	162 kW (217 hp / 220 ps) @ 2,000 rpm
Peak Torque	1,006 N·m @ 1,400 rpm
Displacement	9.3 L
Number of Cylinders	6
Aspiration	Turbocharged

TRANSMISSION	
Transmission Type	Planetary, power shift
Torque Converter	Double stage, four elements
Maximum Travel Speed, fwd	38 km/h
Maximum Travel Speed, rev	16 km/h
Number of Speed, fwd	2
Number of Speed, Rev	1

AXLES	
Differential Front Type	Conventional
Differential Rear Type	Conventional
Axle Oscillation	± 10°

STEERING	
Steering Hydraulic System	Large displacement steering
Steering Relief Pressure	17.2 MPa

BRAKES	
Service Brake Type	Caliper disc brake
Service Brake Actuation	Air over hydraulic
Parking Brake Type	Drum
Parking Brake Actuation	Manual air control

HYDRAULIC SYSTEM	
Main Pump Type	Gear
Main Relief Pressure	19.5 MPa
Raise	5.5 s
Dump Time	1.5 s
Float Down Time	3.0 s
Hydraulic Cycle Time	10 s

LOADER ARM PERFORMANCE WITH STANDARD BUCKET 3.0 m^3	
Tipping Load - Straight (ISO 14397-1:2007)	10,700 kg
Tipping Load - Full Turn (ISO 14397-1:2007)	9,100 kg
Bucket Breakout Force	153 kN
A Maximum Hinge Pin Height	4,115 mm
B Dump Clearance at Full Height Discharge	3,037 mm
C Dump Reach at Full Height Discharge	1,150 mm
D Maximum Digging Depth, Bucket Level	50 mm
S_1 Bucket Rollback at Ground Level	43°
S_2 Bucket Rollback at Carry	48°
S_3 Bucket Rollback at Maximum Height	63°
S_4 Maximum Dump Angle at Full Height	45°

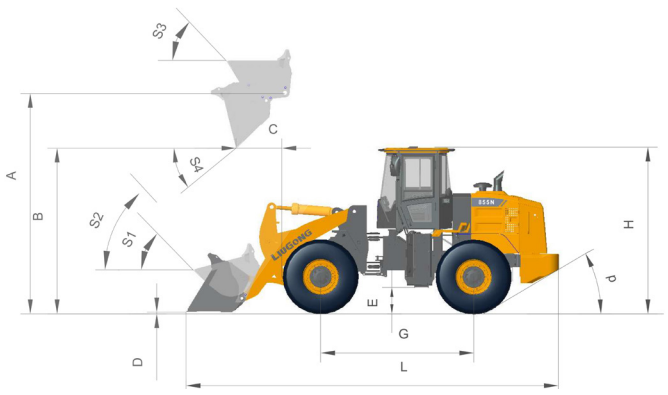
BUCKET PERFORMANCE	
Reference Bucket	2.7-4.0 m^3

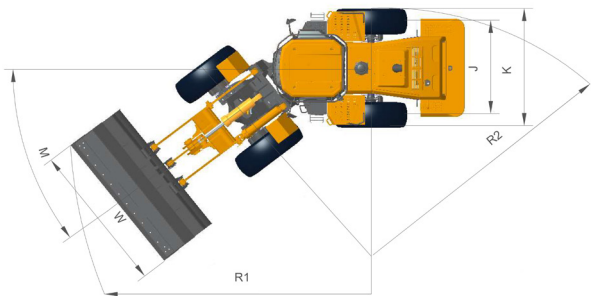
DIMENSIONS	
E Ground Clearance	431 mm
G Wheelbase	3,250 mm
H Cab Height	3,500 mm
J Wheel Tread	2,050 mm
K Width Over Tires	2,750 mm
L Length with Bucket Down	7,991 mm
M Turn Angle, Either Side	35°
P Rear Angle of Departure	30°
R_1 Turning Radius, Bucket Carry	7,312 mm
R_2 Turning Radius, Outside of Tire	6,660 mm
W Width Over Bucket	2,970 mm

TIRES	
Tire Size	23.5-25PR16

OPERATING WEIGHTS	
Operating Weight	16,200 kg

SERVICE CAPACITY	
Fuel Tank	280 L
Engine Oil	26 L
Cooling System	42 L
Hydraulic System	202 L
Transmission and Torque Converter	45 L
Axles, Front/Rear	33 L / 36 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

05/2025 Designed by LiuGong

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.