



Engine	Cummins 6LT9.3
Rated Power	162 kW (217 hp / 220 ps) @ 2,000 rpm
Net Power	152 kW (204 hp / 207 ps) @ 2,000 rpm
Operating Weight	16,504 kg
Standard Bucket Size	3.0 m ³
Standard Breakout Force	161 kN
Standard Dump Clearance	3,037 mm

855H WHEEL LOADER

855H SPECIFICATIONS >>>

ENGINE

Emission Regulation	Tier 2 / Stage II
Manufacturer	Cummins
Model	6LT9.3
Rated Power	162 kW (217 hp / 220 ps) @ 2,000 rpm
Net Power	152 kW (204 hp / 207 ps) @ 2,000 rpm
Peak Torque	980 N · m @ 1,200 -1,400 rpm
Displacement	9.3 L
Number of Cylinder	6
Aspiration	Turbocharged

TRANSMISSION

Transmission Type	Planetary type, power shift
Torque Converter	Double stage, four elements
Maximum Travel Speed, fwd	40 km/h
Maximum Travel Speed, rev	16.6 km/h
Number of Speed, fwd	2
Number of Speed, Rev	1

AXLES

Differential Front Type	Open differential
Differential Rear Type	Open differential
Axle Oscillation	±10°

STEERING

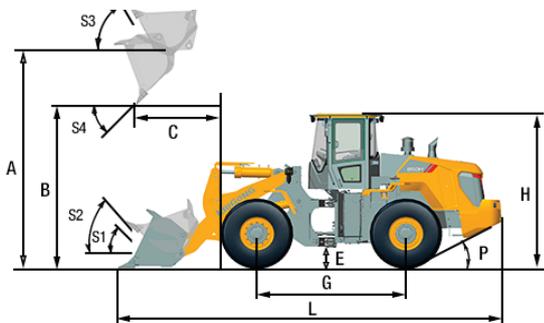
Steering Configuration	Articulated
Steering Relief Pressure	16.5 MPa

BRAKES

Service Brake Type	Caliper disc brake
Service Brake Actuation	Air over hydraulic
Parking Brake Type	Drum
Parking Brake Actuation	Mechanical

HYDRAULIC SYSTEM

Main Pump Type	Gear
Main Relief Pressure	18 MPa
Raise	5.8 s
Dump Time	1.5 s
Float Down Time	3.0 s
Fastest Total Cycle Time	10.3 s



LOADER ARM PERFORMANCE with Standard Bucket 3.0 m³

Tipping Load - Straight (ISO 14397-1:2007)	13,000 kg
Tipping Load - Full Turn (ISO 14397-1:2007)	11,100 kg
Bucket Breakout Force	161 kN
A Maximum Hinge Pin Height	4,114 mm
B Dump Clearance at Full Height Discharge	3,037 mm
C Dump Reach at Full Height Discharge	1,169 mm
D Maximum Digging Depth, Bucket Level	50 mm
S ₁ Bucket Rollback at Ground Level	42.7°
S ₂ Bucket Rollback at Carry	48°
S ₃ Bucket Rollback at Maximum Height	62.6°
S ₄ Maximum Dump Angle at Full Height	46°

BUCKET PERFORMANCE

Reference Bucket	2.7-4 m ³
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DIMENSIONS

E Ground Clearance	431 mm
G Wheelbase	3,250 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	8,106 mm
M Turn Angle, Either Side	38°
P Rear Angle of Departure	30°
R ₁ Turning Radius, Bucket Carry	6,779 mm
R ₂ Turning Radius, Outside of Tire	6,086 mm
W Width Over Bucket	2,970 mm

TIRES

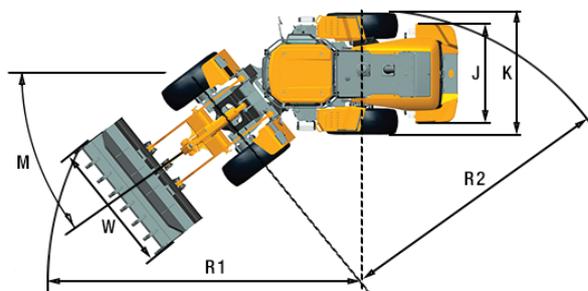
Tire Size	23.5-25PR16
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OPERATING WEIGHTS

Operating Weight	16,504 kg
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SERVICE CAPACITY

Fuel Tank	280 L
Engine Oil	26 L
Cooling System	40 L
Hydraulic System	252 L
Transmission and Torque Converter	45 L
Axles, Front/Rear	33 L / 33 L



PT BUMI CITRA TRAKTOR NUSANTARA

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