LIUGONG



Engine	Cummins QSB5.9-C150
Rated Power	113 KW (152 HP / 154 PS) @ 2,200 RPM
Net Power	104 KW (139 HP / 141 PS) @ 2,200 RPM
Operating Mass	11,000 kg
Standard Bucket Size	2.1 M ³
Standard Breakout Fo	rce 87 kN
Standard Dump Clear	ance 2,856 mm

HIGH SPEC 835H MAX WHEEL LOADER

TOUGH WORLD. TOUGH EQUIPMENT.

835H SPECIFICATIONS >>>

HIGH SPEC

2.1 m³

Emission Regulation	Stage III			
Make	Cummins			
Engine model	QSB5.9-C150			
Gross Power	113kW(152 hp/ 154 ps)@2,200 rpm			
Net Power	104kW(139 hp/ 141 ps)@2,200 rpm			
Peak Torque	690 Nm @ 1,100 - 1,500 RPM (509lbf ft@1,100 - 1,500 RPM)			
Displacement	5.9 Litre			
Number of cylinders	6			
Aspiration	Turbocharg	Turbocharged & Air-to-air intercooled		
TRANSMISSION				
Transmission Type	Countershaft, power shift		er shift	
Torque Converter		Single stage, three elements		
Maximum Travel Spe	ed, fwd	37 km/h		
Maximum Travel Spe	ed, rev	23 km/h		
Number of Speed,fwd		4		
Number of Speed,Re	٧	3		
AXLES				
Differential Front Type		Conventio	onal	
Differential Back Type		Conventio	onal	
Axle Oscillation		±12°		
STEERING				
Steering Configuratio	n	Articulate	d	
Steering Pressure Relief			a	
Steering Pressure Rel	liet	17.2 Mpa		
BRAKES	lier	17.2 Mpa		
.	lier	17.2 Mpa Wet discs	-	
BRAKES		·	brake	
BRAKES Service Brake Type		Wet discs	brake	
BRAKES Service Brake Type Service Brake Actuati		Wet discs Hydraulic	brake	
BRAKES Service Brake Type Service Brake Actuati Park Brake Type		Wet discs Hydraulic Drum	brake	
BRAKES Service Brake Type Service Brake Actuati Park Brake Type Park Brake Actuation		Wet discs Hydraulic Drum	brake	
BRAKES Service Brake Type Service Brake Actuati Park Brake Type Park Brake Actuation HYDRAULIC SYSTEM		Wet discs Hydraulic Drum Electro-H	brake	
BRAKES Service Brake Type Service Brake Actuati Park Brake Type Park Brake Actuation HYDRAULIC SYSTEM Main Pump Type		Wet discs Hydraulic Drum Electro-H Gear	brake	
BRAKES Service Brake Type Service Brake Actuati Park Brake Type Park Brake Actuation HYDRAULIC SYSTEM Main Pump Type Main Relief Pressure		Wet discs Hydraulic Drum Electro-H Gear 17 Mpa	brake	
BRAKES Service Brake Type Service Brake Actuati Park Brake Type Park Brake Actuation HYDRAULIC SYSTEM Main Pump Type Main Relief Pressure Raise		Wet discs Hydraulic Drum Electro-H Gear 17 Mpa 5.1 s	brake	

LOADER ARM PERFORMANCE WITH QUICK ATTAC	H BUCKET 2.1M ³
Tipping Load-Straight (ISO 14397-1:2007)	8,500 kg
Tipping Load-Full Turn(ISO 14397-1:2007)	7,200 kg
Bucket Breakout Force	87 kN
A. Maximum Hinge Pin Height	3,739 mm
B. Dump Clearance at Full Height Discharge	2,856 mm
C. Dump Reach at Full Height Discharge	1,110 mm
D. Maximum Digging Depth, Bucket Level	40 mm
S1. Rollback at Ground Level	42°
S2. Bucket Roll Back at Carry	49°
S3. Bucket Roll Back at Maximum Height	60°
S4. Maximum Dump Angle at Full Height	45°

BUCKET PERFORMANCE

Reference Bucket

DIMENSIONS	
E. Ground Clearance	350 mm
G. Wheelbase	2,870 mm
H. Cab Height	3,340 mm
J. Wheel Tread	1,850 mm
K. Width Over Tyres	2,295 mm
L. Length with Bucket Down	7,298 mm
M. Turn Angle, Either Side	40°
P. Rear Angle of Departure	28°
R1. Turning Radius, Bucket Carry	5,636 mm
R2. Turning Radius, Outside of Tyre	5,090 mm

TYRES	
Tyre Size	17.5-25PR12
OPERATING WEIGHT	
Operating Weight	11,000 kg
SERVICE CAPACITY	
Fuel Tank	140 L
Engine Oil	16.3 L
Cooling System	40 L
Hydraulic System	130 L
Transmission and Torque Converter	45 L
Axles, each	28 L

Rear view Camera

HIGH SPECIFICATION INCLUSIONS

Auto greaser Ride control Emergency steering Air seat

MCINTOSH DISTRIBUTION

Correct as at 24/03/2022.

Specifications and designs are subject to change withput 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.

Additional counterweight

Radial Tyres

M