

LIUGONG

PMG

**PACIFIC MACHINERY
GROUP**



Engine	Cummins 6LTAA8.9
Rated Power	220 kW (299 hp) @ 1600 rpm
Net Power	210 kW (285 HP) @ 1600 RPM
Operating Mass	23,974 kg
Standard Bucket Size	4.2 M ³
Standard Breakout Force	2003 kN
Standard Dump Clearance	3,151 mm

877H WHEEL LOADER

TOUGH WORLD. TOUGH EQUIPMENT.

ENGINE	
Emission Regulation	Tier 2 / Stage II
Make	Cummins
Model	6LTAA8.9
Gross Power	205 kW@1,600 rpm
Net Power	205 kW@1,600 rpm
Peak Torque	1,480Nm @ 1,400 rpm
Displacement	8.9 Litre
Number of cylinders	6
Aspiration	Turbocharged & Air-to-air intercooled

TRANSMISSION	
Transmission Type	Countershaft, power shift
Torque Converter	Single stage, three elements
Maximum Travel Speed, fwd	38.3 km/h
Maximum Travel Speed, rev	26.8 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	±12°

STEERING	
Steering Configuration	Articulated
Steering Pressure Relief	20.7 Mpa

BRAKES	
Service Brake Type	Wet discs brake
Service Brake Actuation	Hydraulic
Park Brake Type	Electricity hydraulic control
Park Brake Actuation	Hydraulic

HYDRAULIC SYSTEM	
Main Pump Type	Piston + Gear
Main Relief Pressure	20.7 Mpa
Raise	5.7 s
Dump Time	1.3 s
Float Down Time	3.3 s
Fastest Total Cycle Time	10.3 s

LOADER ARM PERFORMANCE WITH STANDARD BUCKET 4.2 M ³	
Tipping Load-Straight (ISO 14397-1:2007)	19386 kg
Tipping Load-Full Turn(ISO 14397-1:2007)	16765 kg
Bucket Breakout Force	203 kN
A. Maximum Hinge Pin Height	4,355 mm
B. Dump Clearance at Full Height Discharge	3,151 mm
C. Dump Reach at Full Height Discharge	1,309 mm
D. Maximum Digging Depth, Bucket Level	100 mm
S1. Bucket Roll back at Ground Level	45°
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	4.2 - 8.0 m ³

DIMENSIONS	
E. Ground Clearance	485 mm
G. Wheelbase	3,550 mm
H. Cab Height	3,580 mm
J. Wheel Tread	2,270 mm
K. Width Over Tyres	2,970 mm
L. Length with Bucket Down	9,150 mm
M. Turn Angle, Either Side	38°
P. Rear Angle of Departure	26°
R1. Turning Radius, Bucket Carry	7,470 mm
R2. Turning Radius, Outside of Tyre	6,625 mm
W. Width over bucket	3,188 mm

TYRES	
Tyre Size	26.5-25PR26

OPERATING WEIGHT	
Operating Weight	23974 kg

SERVICE CAPACITY	
Fuel Tank	420 L
Engine Oil	30 L
Cooling System	36 L
Hydraulic system	220 L
Transmission and Torque Converter	50 L
Axles, Each	60 L

