LiuGong



Engine	Cummins X12
Rated Power	261 kW (350 hp / 355 ps) @ 2,100 rpm
Operating Weight	31,750 kg (69,997 lbs)
Standard Bucket Size	5.4 m³ (7.1 yd³)
Standard Breakout Force	270 kN
Standard Dump Clearance	3,332 mm (10'11'')

890T WHEEL LOADER

TOUGH WORLD. TOUGH EQUIPMENT.

890T SPECIFICATIONS

ENGINE	
Emission Regulation	EU Stage V
Manufacturer	Cummins
Model	X12
Rated Power	261 kW (350 hp / 355 ps) @ 2,100 rpm
Peak Torque	1,862 N·m (1,373 lbf·ft) @ 1,400 rpm
Displacement	11.8 L (3.1gal)
Number of Cylinder	6
Aspiration	Turbocharged & Air-to-air intercooled

TRANSMISSION	
Transmission Type	Countershaft, power shift
Torque Converter	Single stage, three elements
Maximum Travel Speed, fwd	41.9 km/h (26 mph)
Maximum Travel Speed, rev	27.3 km/h (17 mph)
Number of Speed, fwd	5
Number of Speed, rev	3

AXLES	
Differential Front Type	100% differential lock
Differential Rear Type	Conventional
Axle Oscillation	±11°

STEERING	
Steering Hydraulic System	Load sensing hydraulic steering
Steering Relief Pressure	25 MPa (3,626 psi)

BRAKES	
Service Brake Type	Wet disc brake
Service Brake Actuation	Full hydraulic
Parking Brake Type	Caliper discs brake
Parking Brake Actuation	Electro-hydraulic release

HYDRAULIC SYSTEM	
Main Pump Type	Piston
Main Relief Pressure	31.5 MPa (4,569 psi)
Raise	6 s
Dump Time	1.6 s
Float Down Time	3.4 s
Hydraulic Cycle Time	11 s

LOADER ARM PERFORMANCE WITH STANDARD BUCKET 5.4 m³ (7.1 yd ³)	
Tipping Load - Straight (ISO 14397-1:2007)	24,600 kg (54,234 lbs)
Tipping Load - Full Turn (ISO 14397-1:2007)	21,150 kg (46,628 lbs)
Bucket Breakout Force	270 kN (60,698 lbf)
A Maximum Hinge Pin Height	4,609 mm (15’1’’)
B Dump Clearance at Full Height Discharge	3,332 mm (10’11’’)
C Dump Reach at Full Height Discharge	1,433 mm (4’8’’)
D Maximum Digging Depth, Bucket Level	127 mm (5’’)
S_1 Rollback at Ground Level	45 °
S_2 Bucket Rollback at Carry	49 °
S_3 Bucket Rollback at Maximum Height	60 °
S_4 Maximum Dump Angle at Full Height	45 °

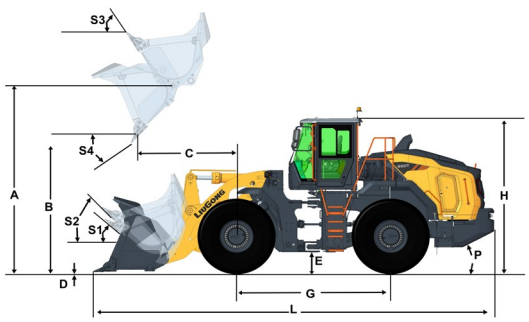
BUCKET PERFORMANCE	
Reference Bucket	4.0 - 9.0 m³ (5.2 -11.8 yd³)

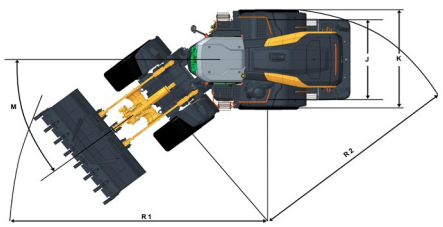
DIMENSIONS	
E Ground Clearance	442 mm (1’5’’)
G Wheelbase	3,700 mm (12’2’’)
H Cab Height	3,790 mm (12’5’’)
J Wheel Tread	2,420 mm (7’11’’)
K Width over Tires	3,170 mm (10’5’’)
L Length with Bucket Down	9,637 mm (31’7’’)
M Turn Angle, Either Side	38 °
P Rear Angle of Departure	25 °
R_1 Turning Radius, Bucket Carry	7,822 mm (25’8’’)
R_2 Turning Radius, Outside of Tire	6,958 mm (22’10’’)
W Width over Bucket	3,532 mm (11’7’’)

TIRES	
Tire Size	29.5R25

OPERATING WEIGHTS	
Operating Weight	31,750 kg (69,997 lbs)

SERVICE CAPACITY	
Fuel Tank	459 L (121.3 gal)
Engine Oil	35 L (9.2 gal)
Cooling System	52 L (13.7 gal)
Aftertreatment DEF	50 L (13.2 gal)
Hydraulic System	343 L (90.6 gal)
Transmission and Torque Converter	62 L (16.4 gal)
Axles, Each	60 L (15.9 gal)





MHVP Pty. Ltd.
11 Des Young Dr, Moree, NSW, 2400
T: (02) 6752 4082 E: paul@mhvp.com.au
www.mhvp.com.au

04/2025 Designed by LiuGong
Replace the previous version of 03/2025

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.