MINIESCAVATORE

LIUGONG CLG385B

NOVITAL

PERFORMANCE	
Operating weight	3,750 kg (8,267 lb)
Static Tipping Load	2,090 kg (4,608 lb)
Rated Operating Capacity	1,045 kg (2,304 lb)
Boom Breakout Force	20.3 kN (4,566 lbf)
Bucket Breakout Force	29.8 kN (6,705 lbf)
Bucket Capacity	0.5 m³ (0.65 yd³)

ENGINE	
Emission rating	EPA Tier 4f & EU Stage IIIB
Make	Yammar
Model	4NV98CT-NLYS
Gross Power	53.7 kW (73 hp) @ 2,400 rpm
Peak Torque	291 N·m (77 lbf·ft) @ 1,625 rpm
No. of Cylinders	4
Displacement	3.3 L (201 in³)
Cooling Type	Water

ELECTRICAL SYSTEM	
System Voltage	12 V
Alternator Output	85 amps

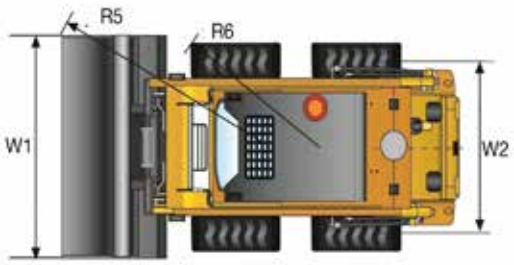
TIRES	
Ply Type	Vacuum
Tire Size	12-16.5 TI200
Ply Rating	12

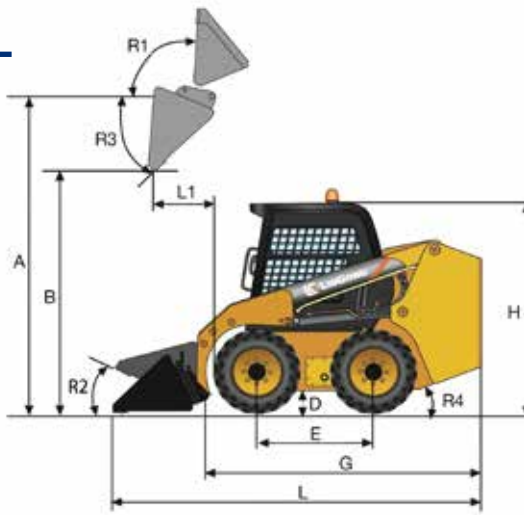
DIMENSIONS	
A. Maximum Hinge Pin Height	3,278 mm (129.1 in)
B. Dump Clearance at Full Height	2,572 mm (101.3 in)
D. Ground Clearance	200 mm (7.9 in)
E. Wheelbase	1,334 mm (52.5 in)
G. Overall Length without Bucket	2,973 mm (117 in)
H. Overall Height to Top of Cab	2,034 mm (80.1 in)
L. Overall Length with Standard Bucket	3,851 mm (151.6 in)
R1. Maximum Roll-back Angle at Full Height	99°
R2. Bucket Rollback at Ground Level	30°
R3. Maximum Dump Angle at Full Height	39°
R4. Angle of Departure	27°
R5. Front Clearance Radius with Bucket	2,339 mm (92 in)
R6. Front Clearance Radius without bucket	1,414 mm (55.7 in)
W2. Wheel Tread	1,536 mm (60.5 in)
L1. Dump Reach at Full Height	587 mm (23.1 in)
Maximum Working Height at Full Height	4,176 mm (164.4 in)
Overall Width with Standard Bucket	1,905 mm (75 in)
Overall Width without Bucket	1,850 mm (72.8 in)

WORKING HYDRAULICS	
Standard Flow	91.2 L (24.1 gal)/min
Optional High Flow	132.5 L (35 gal)/min
Hydrostatic Pressure	21 MPa (3,045 psi)
System Type	Open
Cycle Time, total	9.5 s
Raise	4.2 s
Dump	2.8 s
Lower (Empty, Float Down)	2.5 s

TRAVELLLING HYDRAULICS	
System Type	Closed
Hydrostatic Pressure	35 MPa (5,075 psi)
Drive Chain Size	100 HS
Max Travel speed	11.3 km/h (7 mph)
Optional Max Travel Speed	22.6 km/h (14 mph)

SERVICE CAPACITIES	
Fuel Tank	110 L (29 gal)
Engine Oil	9.4 L (2.5 gal)
Cooling System	13 L (3.4 gal)
Hydraulic Reservoir	60 L (15.9 gal)
Hydraulic System Total	80 L (21.1 gal)
Chain Tanks, Each	12 L (3.2 gal)





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