

Engine	Perkins1104D-44T
Gross Power	74.5 kw (101 hp) @ 2,200 rpm
Net Power	72 kW (98 hp) @ 2,200 rpm
Maximum Speed	41 km/h
Standard Loader Bucket Capacity Standard	1.1 m ³
Backhoe Bucket Capacity	0.22 m ³
Operating Weight	9,480 kg

CLG777A

Backhoe Loader



TOUGH WORLD. TOUGH EQUIPMENT.

ENGINE

Emission Regulation	Tier 3/Stage IIIA
Make	Perkins
Model	1104D-44T
Gross Power	74.5 kw (101 hp) @ 2,200
Net Power	72 kw (98 hp) @ 2,200
Peak Torque	392 N • m @ 1,400 rpm
Displacement	4.4 L

ELECTRICAL SYSTEM

System Voltage	12 V
Battery Rating	95 amp - hr

DRIVE TRAIN

Number of Drive Wheels	4 wd
1 st Maximum Speed, fwd/rev	6.6 km/h
2 nd Maximum Speed, fwd/rev	10.8 km/h
3 rd Maximum Speed, fwd/rev	24 km/h
4 th Maximum Speed, fwd/rev	41 km/h
Turning Radius Outside of Front Tire	4,075 mm
Turning Radius Outside of Bucket	4,850 mm

BRAKES

Service Brake Type	wet disc
Service Brake Actuation	air over hydraulic

TIRES

Front Tire Size	16.9-28 12RP TL
Rear Tire Size	16.9-28 12RP TL

HYDRAULIC SYSTEM

Circuit Type	open
Total Flow	143 L/min
Main Relief Pressure	24 MPa
Pump Type	tandem gear pump
Steering Type	priority valve

OPERATING WEIGHTS

Operating Weight	9,480 kg
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LOADER PERFORMANCE

Standard Bucket Type (referenced)	general load bucket 1.1 m ³
Standard Bucket Heaped Capacity ISO (referenced)	1.1 m ³
Standard Bucket Width (referenced)	2,350 mm
Lift Capacity at Full Height	33.2 kN
Bucket Breakout Force	59.6 kN
Maximum Dump Angle at Full Height	45°
Dump Height at Maximum Angle	2,665 mm
Dump Reach at Full Height Discharge	635 mm
Boom Lift Capacity, end, at ground	47.3 kN
Maximum Dig Depth	30 mm

BACKHOE PERFORMANCE

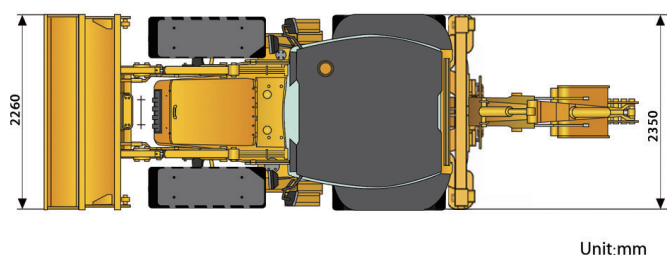
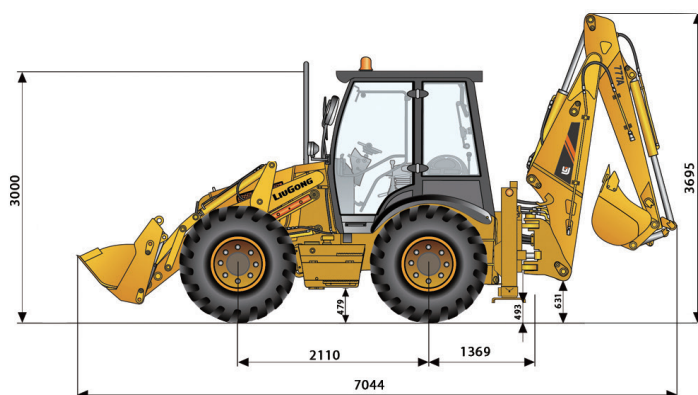
Standard Bucket Type (referenced)	general bucket 0.22 m ³
Standard Bucket Heaped Capacity ISO (referenced)	0.22 m ³
Standard Bucket Width (referenced)	762 mm
Maximum Dig Depth	4,390 mm
Reach From Swing Pivot at Ground	5,443 mm
Turning Angle of Bucket	182°
Bucket Digging Force	58.2 kN
Dipper Digging Force, standard stick	37.5 kN
Loading Height	3,730 mm
Loading Reach from Swing Pivot	3,007 mm

SERVICE CAPACITIES

Fuel Tank	130 L
Engine Oil	8 L
Cooling System	16L
Hydraulic Reservoir	130 L
Hydraulic System Total	170 L
Transmission and Torque Converter	17 L
Axle, front	8.5 L
Axle, rear	13 L

STANDARD EQUIPMENT

Perkins1104D-44T
 Carraro Transmission
 Enclosed Cab, ROPS / FOPS
 with AC
 Auxiliary Hydraulic Kit
 Carraro4 x 4 Axles
 Boom Interlock
 General load Bucket 1.1 m³
 Seat belt



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