

**Engine**

Perkins 1104D-44TA

Gross Power

74.5 kW (100 hp / 101 ps) @ 2,200 rpm

Net Power

72 kW (97 hp / 98 ps) @ 2,200 rpm

Maximum Speed

36 km/h

Standard Loader Bucket Capacity1.0 m³**Standard Backhoe Bucket Capacity**0.2 m³**Operating Weight**

8,400 kg

777A BACKHOE LOADER

TOUGH WORLD. TOUGH EQUIPMENT.

777A SPECIFICATIONS >>>

ENGINE	
Emission Regulation	Tier 3 / Stage IIIA
Manufacturer	Perkins
Model	1104D-44TA
Gross Power	74.5 kW (100 hp / 101 ps) @ 2,200 rpm
Net Power	72 kW (97 hp / 98 ps) @ 2,200 rpm
Peak Torque	410 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	2WD / 4WD
1st Maximum Speed, fwd/rev	5.9 km/h
2nd Maximum Speed, fwd/rev	10.7 km/h
3rd Maximum Speed, fwd/rev	20.5 km/h
4th Maximum Speed, fwd/rev	36 km/h
Turning Radius, outside of front tire	4,400 mm
Turning Radius, outside of bucket	5,554 mm

BRAKES	
Service Brake Type	Wet disc
Service Brake Actuation	Hydraulic

TIRES	
Front Tire Size	14-17.5NHS-14RP T
Rear Tire Size	19.5-24NHS-14PR T

HYDRAULIC SYSTEM	
Circuit Type	Open
Total Flow	143 L/min
Main Relief Pressure	24 Mpa
Pump Type	Tandem gear pump
Steering Type	2 WS

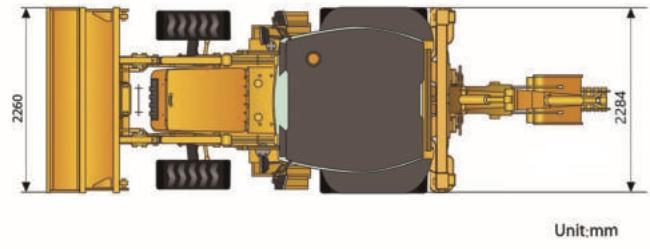
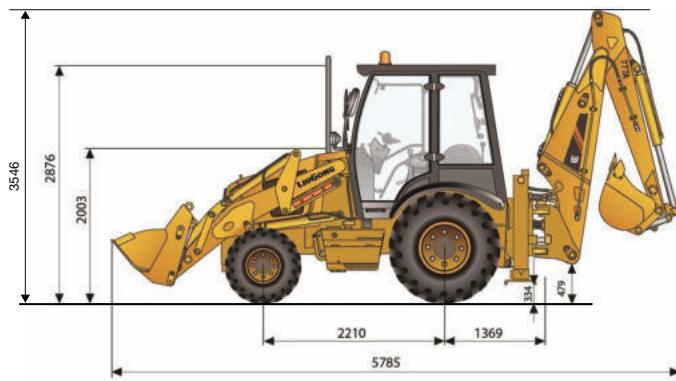
OPERATING WEIGHTS	
Operating Weight	8,400 kg

LOADER PERFORMANCE	
Standard Bucket Type (referenced)	General Load Bucket
Heaped Capacity ISO (referenced)	1.0 m ³
Standard Bucket Width (referenced)	2,260 mm
Lift Capacity at Full Height	30.2 kN
Bucket Breakout Force	59.3 kN
Maximum Dump Angle at Full Height	45°
Maximum hinge pin height	3,443 mm
Dump Reach at Full Height Discharge	713 mm
Boom Lift Capacity, end, at ground	49.3 kN
Maximum Dig Depth	89 mm

BACKHOE PERFORMANCE	
Standard Bucket Type (referenced)	General Bucket
Heaped Capacity ISO (referenced)	0.2 m ³
Standard Bucket Width (referenced)	610 mm
Maximum Dig Depth	4,440 mm
Reach From Swing Pivot at Ground	5,443 mm
Turning Angle of Bucket	186°
Bucket Digging Force	58.2 kN
Dipper Digging Force, standard stick	37.5 kN
Loading Height	3,586 mm
Loading Reach from Swing Pivot	3,007 mm

SERVICE CAPACITIES	
Fuel Tank	130 L
Engine Oil	7 L
Cooling System	23 L
Hydraulic Reservoir	130 L
Hydraulic System Total	170 L
Transmission and Torque Converter	16 L
Axle, front	5.5+0.7*2 L
Axle, rear	16 L

STANDARD EQUIPMENT	OPTIONAL EQUIPMENT
Perkins1104D-44TA Engine	Enclosed Cab, ROPS/FOPS, with AC
Carraro Transmission	Rotary Beacon
Open Cab, ROPS / FOPS	Hydraulic Shear
Auxiliary Hydraulic Kit	Vibratory Tamper
Carraro 4*2 Axles	Hydraulic Hammer
Boom Interlock	Carraro 4*4 Axles
General Purpose Bucket 1.0 m ³	4 in 1 Bucket 1.0 m ³
Seat Belt	Telescopic Boom



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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.

12/2024 Designed by LiuGong
Replace the previous versions of 09/2022