

| | |
|--|--------------------------------|
| Engine | Perkins 1104D-44T |
| Gross Power | 74.5 kW (101 hp) @ 2,200 rpm |
| Net Power | 72 kW (98 hp) @ 2,200 rpm |
| Maximum Speed | 36 km/h |
| Standard Loader Bucket Capacity Standard | 1.0 m ³ |
| Backhoe Bucket Capacity | 0.20 m ³ |
| Operating Weight | 8,400 kg |

777A

BACKHOE LOADER

 **LIUGONG**



TOUGH WORLD. TOUGH EQUIPMENT.

777A SPECIFICATIONS >>>

| ENGINE | |
|---------------------|--------------------------------|
| Emission Regulation | Tier 3 / Stage IIIA |
| Make | Perkins |
| Model | 1104D-44T |
| Gross Power | 74.5 Kw (101 hp) @ 2,200 rpm |
| Net Power | 72 Kw (98 hp) @ 2,200 rpm |
| 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 | 2 wd / 4 wd |
| 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 | 4,225 mm |
| Turning Radius Outside of Bucket | 5,554 mm |

| BRAKES | |
|-------------------------|-------------------|
| Service Brake Type | wet disc |
| Service Brake Actuation | hydraulic service |

| TIRES | |
|-----------------|-----------------------------|
| Front Tire Size | 14 - 17.5NHS - 14RPTLL - 2B |
| Rear Tire Size | 19.5 L -24 14PR TL R - 4 |

| 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 | 8,400 kg |

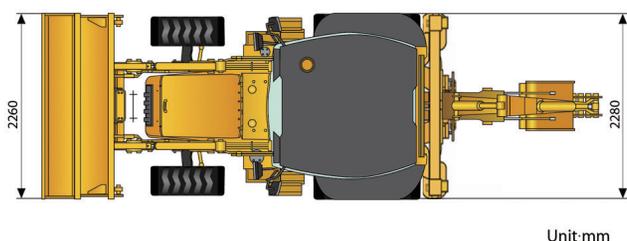
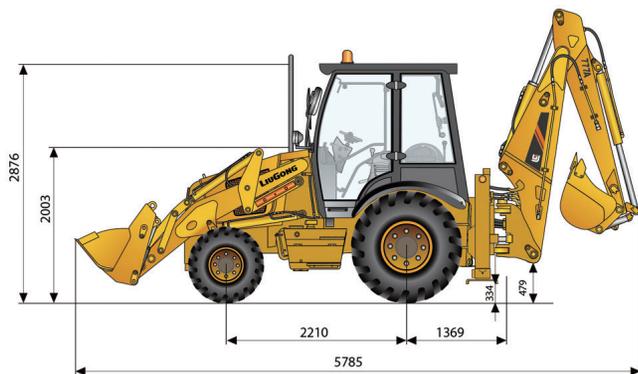
| LOADER PERFORMANCE | |
|--|------------------|
| Standard Bucket Type (referenced) | general bucket |
| Standard Bucket Heaped Capacity ISO (referenced) | 1 m ³ |

| | |
|--------------------------------------|----------|
| Standard Bucket Width (referenced) | 2,260 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 | 2,691 mm |
| Dump Reach at Full Height Discharge | 713 mm |
| Boom Lift Capacity, end, at ground | 47.3 kN |
| Maximum Dig Depth | 89 mm |

| BACKHOE PERFORMANCE | |
|--|--------------------------------------|
| Standard Bucket Type (referenced) | general bucket 0.2 m ³ |
| Standard 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 | 182° |
| Bucket Digging Force | 58.2 kN |
| Dipper Digging Force, standard stick | 37.5 kN |
| Loading Height | 3,680 mm |
| Loading Reach from Swing Pivot | 2,130 mm |

| SERVICE CAPACITIES | |
|-----------------------------------|--------|
| Fuel Tank | 130 L |
| Engine Oil | 8 L |
| Cooling System | 16 L |
| Hydraulic Reservoir | 130 L |
| Hydraulic System Total | 170 L |
| Transmission and Torque Converter | 16 L |
| Axle, front | 6.9 L |
| Axle, rear | 17.5 L |

| STANDARD EQUIPMENT | OPTIONAL EQUIPMENT |
|--------------------------------------|---------------------------------------|
| Perkins1104D-44T engine | Enclosed Cab, ROPS / FOPS, with AC |
| Carraro Transmission | Rotary Beacon |
| Open Cab, ROPS / FOPS | Hydraulic shear |
| Auxiliary Hydraulic Kit | Vibratory Tamper |
| Carraro4 x 2 Axles | Hydraulic Hammer |
| Boom Interlock | Carraro 4 x 4 Axles |
| General load Bucket 1 m ³ | 4 in 1 Load Bucket 1.0 m ³ |
| Seat belt | Telescopic Boom |



Unit:mm

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Specifications and designs are subject to change without notice. Machines shown may include optional equipment.