CATERPILLAR 416c Loader Backhoe

 

**Selected Dimensions**

|  |
| --- |
| Backhoe |
| J. Load Height - Std | 11.4 ft in | 3483 mm |
| L. Dig Depth - Std | 14.5 ft in | 4420 mm |
| M. Reach at Load Height - Std | 5.8 ft in | 1764 mm |
| Dimensions |
| A. Transport Length | 22.9 ft in | 6980 mm |
| B. Transport Width | 7.7 ft in | 2352 mm |
| C. Transport Height | 11.8 ft in | 3585 mm |
| D. Wheelbase | 6.9 ft in | 2100 mm |
| E. Ground Clearance | 0.97 ft in | 297 mm |
| F. Height to Top of Cab | 9.1 ft in | 2770 mm |
| Loader |
| H. Reach at Max Dump Height | 2.4 ft in | 730 mm |
| I. Dig Depth | 4.1 in | 105 mm |

**Specification**

|  |
| --- |
| Engine |
| Make | Caterpillar |
| Model | 3054 DIT |
| Gross Power | 78 hp | 58.2 kw |
| Net Power | 75 hp | 55.9 kw |
| Displacement | 243 cu in | 4 L |
| Power Measured @ | 2200 rpm |
| Number of Cylinders | 4 |
| Operational |
| Operating Weight 2wd | 13960 lb | 6332.1 kg |
| Fuel Capacity | 33.8 gal | 128 L |
| Tire Size Front - 2wd / 4wd | 11L-16, 12PR, F3 |
| Rear Tires Size 2wd/4wd | 16.9-24, 10 PR, R4 |
| Transmission |
| Number of Forward Gears | 4 |
| Number of Reverse Gears | 4 |
| Max Speed - Forward | 20.4 mph | 32.8 km/h |
| Max Speed Reverse | 20.4 mph | 32.8 km/h |
| Backhoe |
| Dig Depth - Std | 14.5 ft in | 4420 mm |
| Dig Depth - Ext | 18.2 ft in | 5545 mm |
| Bucket Dig Force - Std | 11700 lb | 5307 kg |
| Bucket Dig Force - Ext | 12065 lb | 5472.6 kg |
| Load Height - Std | 11.4 ft in | 3483 mm |
| Load Height - Ext | 13.9 ft in | 4223 mm |
| Reach at Load Height - Std | 5.8 ft in | 1764 mm |
| Reach at Load Height - Ext | 8.9 ft in | 2706 mm |
| Loader |
| Bucket Capacity | 0.99 yd3 | 0.76 m3 |
| Bucket Width | 89.1 in | 2262 mm |
| Bucket Breakout Force | 9030 lb | 40.2 kN |
| Lift Capacity at Full Height | 5780 lb | 2621.8 kg |
| Reach at Max Dump Height | 2.4 ft in | 730 mm |
| Dig Depth | 4.1 in | 105 mm |
| Hydraulic |
| Pump Flow Capacity | 43.1 gal/min | 163 L/min |
| Dimensions |
| Transport Length | 22.9 ft in | 6980 mm |
| Transport Width | 7.7 ft in | 2352 mm |
| Transport Height | 11.8 ft in | 3585 mm |
| Height to Top of Cab | 9.1 ft in | 2770 mm |
| Wheelbase | 6.9 ft in | 2100 mm |
| Ground Clearance | 0.97 ft in | 297 mm |