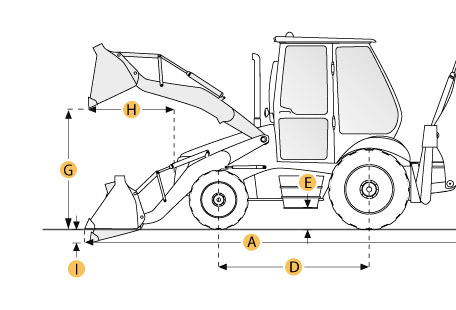
CATERPILLAR 432d Loader Backhoe



**Selected Dimensions**

|  |  |  |
| --- | --- | --- |
| Backhoe | | |
| J. Load Height - Std | 12.2 ft in | 3712 mm |
| K. Reach From Swivel - Std | 18.5 ft in | 5637 mm |
| L. Dig Depth - Std | 15.9 ft in | 4854 mm |
| M. Reach at Load Height - Std | 5.7 ft in | 1742 mm |
| Dimensions | | |
| A. Transport Length | 18.9 ft in | 5760 mm |
| B. Transport Width | 7.9 ft in | 2396 mm |
| C. Transport Height | 12.3 ft in | 3740 mm |
| D. Wheelbase | 6.9 ft in | 2100 mm |
| E. Ground Clearance | 1 ft in | 320 mm |
| F. Height to Top of Cab | 9.5 ft in | 2900 mm |
| Loader | | |
| G. Clearance at Max Dump Height | 8.6 ft in | 2613 mm |
| H. Reach at Max Dump Height | 2.5 ft in | 764 mm |
| I. Dig Depth | 3 in | 77 mm |

**Specification**

|  |  |  |
| --- | --- | --- |
| Engine | | |
| Make | Caterpillar | |
| Model | 3054T | |
| Gross Power | 88 hp | 65.6 kw |
| Net Power | 85 hp | 63.4 kw |
| Displacement | 244.1 cu in | 4 L |
| Power Measured @ | 2200 rpm | |
| Number of Cylinders | 4 | |
| Operational | | |
| Operating Weight 4wd | 17215.9 lb | 7809 kg |
| Fuel Capacity | 33.8 gal | 128 L |
| Turning Radius | 17.6 ft in | 5350 mm |
| Tire Size Front - 2wd / 4wd | 12.5/80x18,10PR | |
| Rear Tires Size 2wd/4wd | 16.9x28,10PR | |
| Transmission | | |
| Type | power shuttle | |
| Number of Forward Gears | 4 | |
| Number of Reverse Gears | 4 | |
| Max Speed - Forward | 19.8 mph | 31.8 km/h |
| Max Speed Reverse | 19.8 mph | 31.8 km/h |
| Backhoe | | |
| Dig Depth - Std | 15.9 ft in | 4854 mm |
| Dig Depth - Ext | 19.3 ft in | 5894 mm |
| Reach From Swivel - Std | 18.5 ft in | 5637 mm |
| Reach From Swivel - Ext | 21.9 ft in | 6664 mm |
| Bucket Dig Force - Std | 14710 lb | 6672.3 kg |
| Bucket Dig Force - Ext | 14580 lb | 6613.4 kg |
| Load Height - Std | 12.2 ft in | 3712 mm |
| Load Height - Ext | 14 ft in | 4274 mm |
| Reach at Load Height - Std | 5.7 ft in | 1742 mm |
| Reach at Load Height - Ext | 9 ft in | 2747 mm |
| Loader | | |
| Bucket Capacity | 1.3 yd3 | 1 m3 |
| Bucket Width | 94.3 in | 2396 mm |
| Bucket Breakout Force | 11285.4 lb | 50.2 kN |
| Lift Capacity at Full Height | 7645.6 lb | 3468 kg |
| Clearance at Max Dump Height | 8.6 ft in | 2613 mm |
| Reach at Max Dump Height | 2.5 ft in | 764 mm |
| Dig Depth | 3 in | 77 mm |
| Hydraulic | | |
| Pump Type | LSPC, closed center | |
| Pump Flow Capacity | 43.1 gal/min | 163 L/min |
| Relief Valve Pressure | 3306.9 psi | 22800 kPa |
| Dimensions | | |
| Transport Length | 18.9 ft in | 5760 mm |
| Transport Width | 7.9 ft in | 2396 mm |
| Transport Height | 12.3 ft in | 3740 mm |
| Height to Top of Cab | 9.5 ft in | 2900 mm |
| Wheelbase | 6.9 ft in | 2100 mm |
| Ground Clearance | 1 ft in | 320 mm |