**JCB 3c Loader Backhoe**

 

**Selected Dimensions**

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| Backhoe |
| J. Load Height - Std | 10.3 ft in | 3150 mm |
| K. Reach From Swivel - Std | 17.6 ft in | 5360 mm |
| L. Dig Depth - Std | 14.3 ft in | 4370 mm |
| M. Reach at Load Height - Std | 5.7 ft in | 1730 mm |
| Dimensions |
| A. Transport Length | 18.1 ft in | 5520 mm |
| B. Transport Width | 13.9 ft in | 4240 mm |
| C. Transport Height | 11.2 ft in | 3400 mm |
| D. Wheelbase | 6.9 ft in | 2110 mm |
| E. Ground Clearance | 1.1 ft in | 350 mm |
| F. Height to Top of Cab | 9.3 ft in | 2820 mm |
| Loader |
| G. Clearance at Max Dump Height | 8.8 ft in | 2690 mm |
| H. Reach at Max Dump Height | 2.7 ft in | 810 mm |
| I. Dig Depth | 5.1 in | 130 mm |

**Specification**

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| Engine |
| Gross Power | 85 hp | 63.4 kw |
| Net Power | 82.6 hp | 61.6 kw |
| Displacement | 268.5 cu in | 4.4 L |
| Power Measured @ | 2200 rpm |
| Torque Measured @ | 1200 rpm |
| Number of Cylinders | 4 |
| Net Max Torque | 315.6 lb ft | 427.9 Nm |
| Aspiration | Natural Aspirated |
| Operational |
| Operating Weight 2wd | 14278 lb | 6476.4 kg |
| Operating Weight 4wd | 14586 lb | 6616.1 kg |
| Max Weight | 16302 lb | 7394.5 kg |
| Fuel Capacity | 34.3 gal | 130 L |
| Hydraulic System Fluid Capacity | 30.4 gal | 115 L |
| Oil System Fluid Capacity | 4 gal | 15 L |
| Cooling System Fluid Capacity | 4.9 gal | 18.5 L |
| Transmission Fluid Capacity | 4.2 gal | 16 L |
| Rear Axle Fluid Capacity | 4.2 gal | 16 L |
| Turning Radius | 13.2 ft in | 4025 mm |
| Tire Size Front - 2wd / 4wd | 11L-16, 12 ply-front, 14-17.5, FWD, 10 ply-front |
| Rear Tires Size 2wd/4wd | 15.9-24, R4, 12 ply-rear |
| Operating Voltage | 12 V |
| Alternator Supplied Amperage | 95 amps |
| Transmission |
| Type | JCB synchroshuttle |
| Number of Forward Gears | 4 |
| Number of Reverse Gears | 4 |
| Max Speed - Forward | 20.6 mph | 33.2 km/h |
| Max Speed Reverse | 20.6 mph | 33.2 km/h |
| Backhoe |
| Dig Depth - Std | 14.3 ft in | 4370 mm |
| Dig Depth - Ext | 18 ft in | 5490 mm |
| Reach From Swivel - Std | 17.6 ft in | 5360 mm |
| Reach From Swivel - Ext | 21 ft in | 6400 mm |
| Load Height - Std | 10.3 ft in | 3150 mm |
| Load Height - Ext | 11.8 ft in | 3610 mm |
| Reach at Load Height - Std | 5.7 ft in | 1730 mm |
| Reach at Load Height - Ext | 9.1 ft in | 2770 mm |
| Loader |
| Bucket Capacity | 1.3 yd3 | 0.96 m3 |
| Bucket Width | 88 in | 2235.2 mm |
| Bucket Breakout Force | 12127 lb | 53.9 kN |
| Lift Capacity at Full Height | 6211 lb | 2817.3 kg |
| Clearance at Max Dump Height | 8.8 ft in | 2690 mm |
| Reach at Max Dump Height | 2.7 ft in | 810 mm |
| Dig Depth | 5.1 in | 130 mm |
| Hydraulic |
| Pump Type | single gear pump |
| Pump Flow Capacity | 23.8 gal/min | 90 L/min |
| Relief Valve Pressure | 3300 psi | 22752.7 kPa |
| Dimensions |
| Transport Length | 18.1 ft in | 5520 mm |
| Transport Width | 13.9 ft in | 4240 mm |
| Transport Height | 11.2 ft in | 3400 mm |
| Height to Top of Cab | 9.3 ft in | 2820 mm |
| Wheelbase | 6.9 ft in | 2110 mm |
| Ground Clearance | 1.1 ft in | 350 mm |