Caterpillar IT28B Integrated Tool Carrier

 

**Selected Dimensions**

|  |
| --- |
| Dimensions |
| A. Length w/ Bucket on Ground | 22.6 ft in | 6895 mm |
| C. Height to Top of Cab | 10.5 ft in | 3199 mm |
| D. Wheelbase | 9.4 ft in | 2870 mm |
| E. Ground Clearance | 1.1 ft in | 324 mm |
| F. Hinge Pin Max Height | 12.5 ft in | 3796 mm |
| G. Dump Clearance at Max Lift | 8.9 ft in | 2726 mm |
| I. Fork Tine Length | 4 ft in | 1219 mm |
| J. Length w/ Forks on Ground | 23.6 ft in | 7185 mm |
| K. Max Lift Height | 12 ft in | 3660 mm |
| L. Hook Height at Max Lift - standard | 19.2 ft in | 5859 mm |
| M. Hook Height at Max Lift - extended | 21.8 ft in | 6654 mm |
| N. Hook Reach at Max Lift - standard | 7.6 ft in | 2313 mm |
| O. Hook Reach at Max Lift - extended | 9.6 ft in | 2923 mm |

**Specification**

|  |
| --- |
| Engine |
| Make | Caterpillar |
| Model | 3204 |
| Gross Power | 110 hp | 82 kw |
| Displacement | 317.3 cu in | 5.2 L |
| Operational |
| Operating Weight | 23324.9 lb | 10580 kg |
| Turning Radius | 18.3 ft in | 5575 mm |
| Static Tipping Load - Bucket | 16475.1 lb | 7473 kg |
| Static Tipping Load - Forks | 13166 lb | 5972 kg |
| Static Tipping Load - Material Handler | 6596.2 lb | 2992 kg |
| Tire Size | 17.5-25 |
| Transmission |
| Number of Forward Gears | 4 |
| Number of Reverse Gears | 4 |
| Max Speed Forward | 34.4 mph | 55.4 km/h |
| Max Speed Reverse | 37.2 mph | 59.9 km/h |
| Hydraulic System |
| Raise Time | 6.1 sec |
| Dump Time | 1.8 sec |
| Lower Time | 3.6 sec |
| Bucket |
| Breakout Force | 23050 lb | 102.5 kN |
| Bucket Capacity - heaped | 2.2 yd3 | 1.7 m3 |
| Bucket Capacity - struck | 2 yd3 | 1.5 m3 |
| Blade |
| Width | 7.8 ft in | 2388 mm |
| Dimensions |
| Height to Top of Cab | 10.5 ft in | 3199 mm |
| Wheelbase | 9.4 ft in | 2870 mm |
| Ground Clearance | 1.1 ft in | 324 mm |
| Hinge Pin Max Height | 12.5 ft in | 3796 mm |
| Length w/ Bucket on Ground | 22.6 ft in | 6895 mm |
| Dump Clearance at Max Lift | 8.9 ft in | 2726 mm |
| Reach at Max Height and Dump | 3.6 ft in | 1091 mm |
| Fork Tine Length | 4 ft in | 1219 mm |
| Length w/ Forks on Ground | 23.6 ft in | 7185 mm |
| Max Lift Height | 12 ft in | 3660 mm |
| Hook Height at Max Lift - Standard | 19.2 ft in | 5859 mm |
| Hook Height at Max Lift - Extended | 21.8 ft in | 6654 mm |
| Hook Reach at Max Lift - Standard | 7.6 ft in | 2313 mm |
| Hook Reach at Max Lift - Extended | 9.6 ft in | 2923 mm |