**Caterpillar 953C**



**Selected Dimensions**

|  |
| --- |
| Dimensions |
| A. Length with Bucket on Ground | 19.3 ft in | 5879 mm |
| B. Width to Outside of Tracks | 7.5 ft in | 2300 mm |
| C. Height to Top of Cab | 10.3 ft in | 3150 mm |
| E. Ground Clearance | 1.2 ft in | 377 mm |
| G. Clearance at Full Height and Dump | 9.5 ft in | 2903 mm |
| H. Reach at Dump Height | 3.2 ft in | 974 mm |
| Undercarriage |
| I. Track Gauge | 70.9 in | 1800 mm |

**Specification**

|  |
| --- |
| Engine |
| Make | Caterpillar |
| Model | 3126B ATAAC |
| Net Power | 128 hp | 95.4 kw |
| Displacement | 442 cu in | 7.2 L |
| Power Measured @ | 2000 rpm |
| Aspiration | Turbocharged |
| Number of Cylinders | 6 |
| Operational |
| Operating Weight | 32895.2 lb | 14921 kg |
| Fuel Capacity | 63.7 gal | 241 L |
| Cooling System Fluid Capacity | 6.9 gal | 26 L |
| Engine Oil Capacity | 4.8 gal | 18 L |
| Final Drive Fluid Capacity - each | 4.1 gal | 15.5 L |
| Hydraulic System Fluid Capacity | 29.1 gal | 110 L |
| Static Tipping Load | 23565.2 lb | 10689 kg |
| Breakout Force - Std Bucket | 21400 lb | 95.2 kN |
| Bucket Capacity - struck | 1.6 yd3 | 1.3 m3 |
| Bucket Capacity - heaped | 2 yd3 | 1.5 m3 |
| Operating Voltage | 12 V |
| Alternator Supplied Amperage | 70 amps |
| Max Speed | 5.7 mph | 9.2 km/h |
| Undercarriage |
| Track Shoe Width | 19.7 in | 500 mm |
| Number of Shoes per Side | 37 |
| Number of Track Rollers per Side | 6 |
| Length of Track on Ground | 7.7 ft in | 2345 mm |
| Ground Contact Area | 3565 in2 | 2.3 m2 |
| Ground Pressure | 9.5 psi | 65.5 kPa |
| Track Gauge | 70.9 in | 1800 mm |
| Hydraulic |
| Pump Type | VANE |
| Pump Flow Capacity | 31.7 gal/min | 120 L/min |
| Relief Valve Pressure | 3481 psi | 24000.6 kPa |
| Raise Time | 6.9 sec |
| Dump Time | 1.3 sec |
| Lower Time | 2.6 sec |
| Dimensions |
| Length to Front of Track | 14.3 ft in | 4350 mm |
| Length with Bucket on Ground | 19.3 ft in | 5879 mm |
| Width to Outside of Tracks | 7.5 ft in | 2300 mm |
| Height to Top of Cab | 10.3 ft in | 3150 mm |
| Ground Clearance | 1.2 ft in | 377 mm |
| Clearance at Full Height and Dump | 9.5 ft in | 2903 mm |
| Reach at Dump Height | 3.2 ft in | 974 mm |