**Caterpillar 245B Series II Hydraulic Excavator**



**Selected Dimensions**

Boom/Stick Option

|  |  |  |
| --- | --- | --- |
| A. Shipping Length of Unit | 44.3 ft in | 13516 mm |
| C. Shipping Height of Unit | 15.2 ft in | 4623 mm |
| I. Max Cutting Height | 38.3 ft in | 11659 mm |
| J. Max Loading Height | 24.9 ft in | 7595 mm |
| K. Max Reach Along Ground | 40.7 ft in | 12395 mm |
| L. Max Vertical Wall Digging Depth | 16 ft in | 4877 mm |
| M. Max Digging Depth | 25.5 ft in | 7772 mm |
| Dimensions | | |
| B. Width to Outside of Tracks | 10.7 ft in | 3253 mm |
| E. Ground Clearance | 2.5 ft in | 762 mm |
| G. Height to Top of Cab | 11.8 ft in | 3607 mm |
| H. Tail Swing Radius | 12.5 ft in | 3810 mm |
| O. Counterweight Clearance | 3.5 ft in | 1067 mm |
| Undercarriage | | |
| F. Track Gauge | 9.3 ft in | 2847 mm |
| N. Shoe Size | 29.9 in | 760 mm |

**Specification**

|  |  |  |
| --- | --- | --- |
| Engine | | |
| Make | Caterpillar | |
| Model | 3406B | |
| Gross Power | hp | kw |
| Net Power | 360 hp | 268.5 kw |
| Power Measured @ | 2100 rpm | |
| Displacement | 890.9 cu in | 14.6 L |
| Aspiration | turbocharged and aftercooled | |
| Number of Cylinders | 6 | |
| Operational | | |
| Operating Weight | 141426.5 lb | 64150 kg |
| Fuel Capacity | 180.2 gal | 682 L |
| Cooling System Fluid Capacity | 20.5 gal | 77.6 L |
| Hydrauilc System Fluid Capacity | 192.6 gal | 729 L |
| Engine Oil Capacity | 12.3 gal | 46.5 L |
| Swing Drive Fluid Capacity | 11.8 gal | 44.5 L |
| Operating Voltage | 24 V | |
| Alternator Supplied Amperage | 50 amps | |
| Hydraulic System Relief Valve Pressure | 4500 psi | 31026.4 kPa |
| Hydraulic Pump Flow Capacity | 231.9 gal/min | 878 L/min |
| Swing Mechanism | | |
| Swing Speed | 4.7 rpm | |
| Swing Torque | 141600 lb ft | 191983.8 Nm |
| Undercarriage | | |
| Number of Shoes per Side | 45 | |
| Shoe Size | 29.9 in | 760 mm |
| Ground Pressure | 10.4 psi | 71.7 kPa |
| Max Travel Speed | 2 mph | 3.2 km/h |
| Drawbar Pull | 96218.2 lb | 428 kN |
| Track Gauge | 9.3 ft in | 2847 mm |
| Boom/Stick Option (HEX) 1 | | |
| Boom/Stick Option (HEX) 1 | Stick 8'6" (2590mm) | |
| Shipping Height of Unit | 15.2 ft in | 4623 mm |
| Shipping Length of Unit | 44.3 ft in | 13516 mm |
| Max Digging Depth | 25.5 ft in | 7772 mm |
| Max Reach Along Ground | 40.7 ft in | 12395 mm |
| Max Cutting Height | 38.3 ft in | 11659 mm |
| Max Loading Height | 24.9 ft in | 7595 mm |
| Max Vertical Wall Digging Depth | 16 ft in | 4877 mm |
| Boom/Stick Option (HEX) 2 | | |
| Boom/Stick Option (HEX) 2 | Stick 10'6" (3200mm) | |
| Shipping Height of Unit | 15.7 ft in | 4775 mm |
| Shipping Length of Unit | 43.1 ft in | 13132 mm |
| Max Digging Depth | 27.5 ft in | 8382 mm |
| Max Reach Along Ground | 42.1 ft in | 12827 mm |
| Max Cutting Height | 37.7 ft in | 11506 mm |
| Max Loading Height | 24.6 ft in | 7509 mm |
| Max Vertical Wall Digging Depth | 16.9 ft in | 5156 mm |
| Boom/Stick Option (HEX) 3 | | |
| Boom/Stick Option (HEX) 3 | Stick 14'6" (4420mm) | |
| Shipping Height of Unit | 14.5 ft in | 4420 mm |
| Shipping Length of Unit | 42 ft in | 12802 mm |
| Max Digging Depth | 31.7 ft in | 9677 mm |
| Max Reach Along Ground | 46 ft in | 14021 mm |
| Max Cutting Height | 38.9 ft in | 11862 mm |
| Max Loading Height | 25.8 ft in | 7874 mm |
| Max Vertical Wall Digging Depth | 28.8 ft in | 8766 mm |
| Dimensions | | |
| Width to Outside of Tracks | 10.7 ft in | 3253 mm |
| Height to Top of Cab | 11.8 ft in | 3607 mm |
| Ground Clearance | 2.5 ft in | 762 mm |
| Counterweight Clearance | 3.5 ft in | 1067 mm |
| Tail Swing Radius | 12.5 ft in | 3810 mm |