**CATERPILLAR 245 Hydraulic Excavator**



**Selected Dimensions**

Boom/Stick Option

|  |  |  |
| --- | --- | --- |
| A. Shipping Length of Unit | 44.3 ft in | 13510 mm |
| C. Shipping Height of Unit | 15.1 ft in | 4597 mm |
| J. Max Loading Height | 26.3 ft in | 8026 mm |
| K. Max Reach Along Ground | 40.9 ft in | 12471 mm |
| L. Max Vertical Wall Digging Depth | 17.4 ft in | 5309 mm |
| M. Max Digging Depth | 25.8 ft in | 7874 mm |
| Dimensions | | |
| B. Width to Outside of Tracks | 11.8 ft in | 3607 mm |
| D. Length of Track on Ground | ft in | 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 | ft in | mm |
| O. Counterweight Clearance | 3.5 ft in | 1067 mm |
| Undercarriage | | |
| F. Track Gauge | 9.3 ft in | 2840 mm |
| N. Shoe Size | 30 in | 762 mm |

**Specification**

|  |  |  |
| --- | --- | --- |
| Engine | | |
| Make | Caterpillar | |
| Model | 3406 | |
| Gross Power | hp | kw |
| Net Power | 325 hp | 242.4 kw |
| Power Measured @ | 2100 rpm | |
| Displacement | 890.9 cu in | 14.6 L |
| Number of Cylinders | 6 | |
| Aspiration | turbocharged | |
| Operational | | |
| Operating Weight | 133485.5 lb | 60548 kg |
| Fuel Capacity | 157.7 gal | 597 L |
| Cooling System Fluid Capacity | 20.5 gal | 77.6 L |
| Hydrauilc System Fluid Capacity | 192.6 gal | 729 L |
| Engine Oil Capacity | 9.5 gal | 36 L |
| Swing Drive Fluid Capacity | 9.2 gal | 35 L |
| Operating Voltage | 24 V | |
| Alternator Supplied Amperage | 35 amps | |
| Hydraulic System Relief Valve Pressure | 4500 psi | 31026.4 kPa |
| Hydraulic Pump Flow Capacity | 236.2 gal/min | 894 L/min |
| Swing Mechanism | | |
| Swing Speed | 4.8 rpm | |
| Undercarriage | | |
| Number of Shoes per Side | 45 | |
| Shoe Size | 30 in | 762 mm |
| Ground Pressure | 11.9 psi | 82 kPa |
| Max Travel Speed | 1.9 mph | 3.1 km/h |
| Drawbar Pull | 98600 lb | 438.6 kN |
| Track Gauge | 9.3 ft in | 2840 mm |
| Buckets | | |
| Reference Bucket Capacity | 2.5 yd3 | 1.9 m3 |
| Minimum Bucket Capacity | 2 yd3 | 1.5 m3 |
| Maximum Bucket Capacity | 3.8 yd3 | 2.9 m3 |
| Boom/Stick Option (HEX) 1 | | |
| Boom/Stick Option (HEX) 1 | boom w/ stick 2591mm | |
| Shipping Height of Unit | 15.1 ft in | 4597 mm |
| Shipping Length of Unit | 44.3 ft in | 13510 mm |
| Max Digging Depth | 25.8 ft in | 7874 mm |
| Max Reach Along Ground | 40.9 ft in | 12471 mm |
| Max Loading Height | 26.3 ft in | 8026 mm |
| Max Vertical Wall Digging Depth | 17.4 ft in | 5309 mm |
| Boom/Stick Option (HEX) 2 | | |
| Boom/Stick Option (HEX) 2 | boom w/ stick 3200mm | |
| Shipping Height of Unit | 15.1 ft in | 4597 mm |
| Shipping Length of Unit | 43.2 ft in | 13180 mm |
| Max Digging Depth | 27.8 ft in | 8484 mm |
| Max Reach Along Ground | 41.8 ft in | 12751 mm |
| Max Cutting Height | ft in | mm |
| Max Loading Height | 23.8 ft in | 7264 mm |
| Max Vertical Wall Digging Depth | 14.8 ft in | 4496 mm |
| Boom/Stick Option (HEX) 3 | | |
| Boom/Stick Option (HEX) 3 | boom w/ stick 4420mm | |
| Shipping Height of Unit | 18 ft in | 5486 mm |
| Shipping Length of Unit | 42.1 ft in | 12830 mm |
| Max Digging Depth | 31.8 ft in | 9703 mm |
| Max Reach Along Ground | 46 ft in | 14021 mm |
| Max Cutting Height | ft in | mm |
| Max Loading Height | 26.1 ft in | 7950 mm |
| Max Vertical Wall Digging Depth | 21.4 ft in | 6528 mm |
| Dimensions | | |
| Width to Outside of Tracks | 11.8 ft in | 3607 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 | ft in | mm |
| Length of Track on Ground | ft in | mm |