

Engine

| | | |
|----------------|-----------|---------------------|
| Engine Model | Cat 3064T | |
| Gross Power | 61 kW | 82 hp |
| Flywheel Power | 59 kW | 79 hp |
| ISO 9249 | 59 kW | 79 hp |
| SAE J1349 | 59 kW | 79 hp |
| EEC 80/1269 | 59 kW | 79 hp |
| Bore | 102 mm | 4 in |
| Stroke | 130 mm | 5.1 in |
| Displacement | 4.25 L | 259 in ³ |

Weights

| | | |
|------------------|-----------|-----------|
| Operating Weight | 11 980 kg | 26,410 lb |
|------------------|-----------|-----------|

- Standard undercarriage, 2800 mm (9' 2") stick and 500 mm (20") shoes.

Swing Mechanism

| | | |
|--------------|------------|--------------|
| Swing Torque | 31 270 N.m | 23,060 lb ft |
| Swing Speed | 10.6 RPM | |

Drive

| | | |
|-------------------|---------|-----------|
| Travel Speed | 5.6 kph | 3.4 mph |
| Max. Drawbar Pull | 92 kN | 20,680 lb |

Hydraulic System

| | | |
|--|------------|--------------|
| Main Implement System - Max. Flow (2x) | 108 L/min | 28 gal/min |
| Max. Pressure - Implements | 29 900 kPa | 4,340 psi |
| Max. Pressure - Travel | 34 300 kPa | 4,980 psi |
| Max Pressure - Swing | 23 500 kPa | 3,410 psi |
| Pilot System - Max. Flow | 24.3 L/min | 6.4 gal/min |
| Pilot System - Max. Pressure | 4120 kPa | 600 psi |
| Blade - Max. Flow | 53.2 L/min | 14.1 gal/min |
| Blade System - Max Pressure | 20 594 kPa | 2,990 psi |
| Boom Cylinder - Bore | 100 mm | 4 in |
| Boom Cylinder - Stroke | 1002 mm | 40 in |
| Stick Cylinder - Bore | 110 mm | 4.3 in |
| Stick Cylinder - Stroke | 1194 mm | 47 in |
| Bucket Cylinder - Bore | 100 mm | 4 in |
| Bucket Cylinder - Stroke | 939 mm | 37 in |

Service Refill Capacities

| | | |
|-----------------------------------|--------|----------|
| Fuel Tank | 195 L | 51.5 gal |
| Cooling System | 17.5 L | 4.6 gal |
| Engine Oil | 19.5 L | 5.2 gal |
| Swing Drive | 3 L | 0.8 gal |
| Final Drive (Each) | 3 L | 0.8 gal |
| Hydraulic System (Including Tank) | 160 L | 42.3 gal |
| Hydraulic Tank | 92 L | 24.3 gal |

Standards

Meets the following standards:

| | |
|----------|------------------------------|
| Cab/FOGS | SAE J1356 FEB88 ISO 10262 |
|----------|------------------------------|

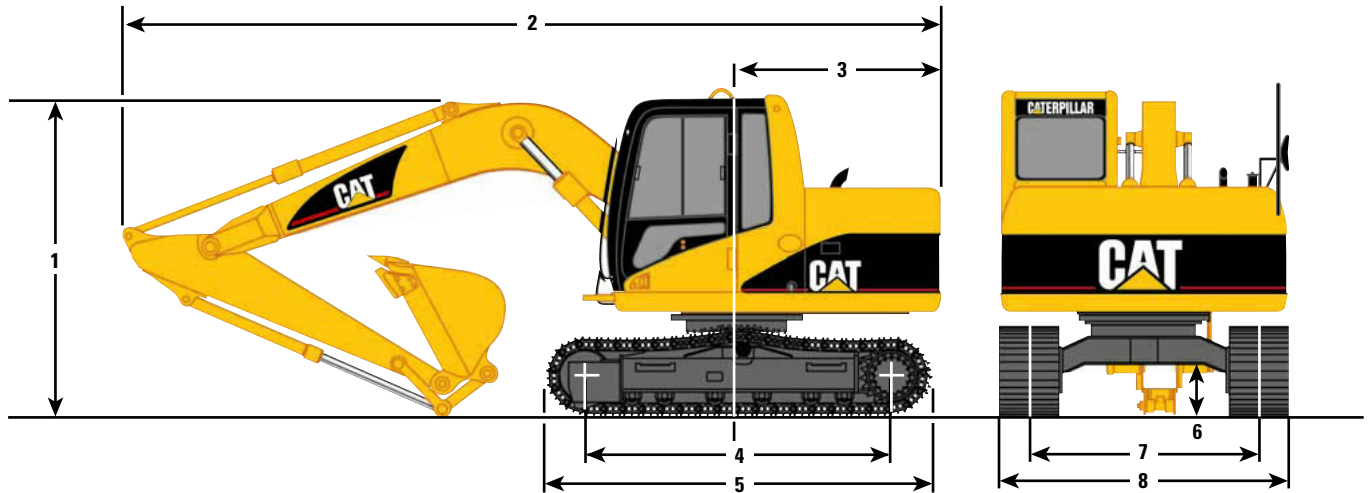
Sound Performance

The operator sound exposure Leq (equivalent sound pressure level) measured according to the work cycle procedures specified in ANSI/SAE J1166 OCT98 is 74 dB(A), for the cab offered by Caterpillar, when properly installed and maintained and tested with the doors and windows closed.

Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or doors/windows open) for extended periods or in noisy environment.

Dimensions

All dimensions are approximate.



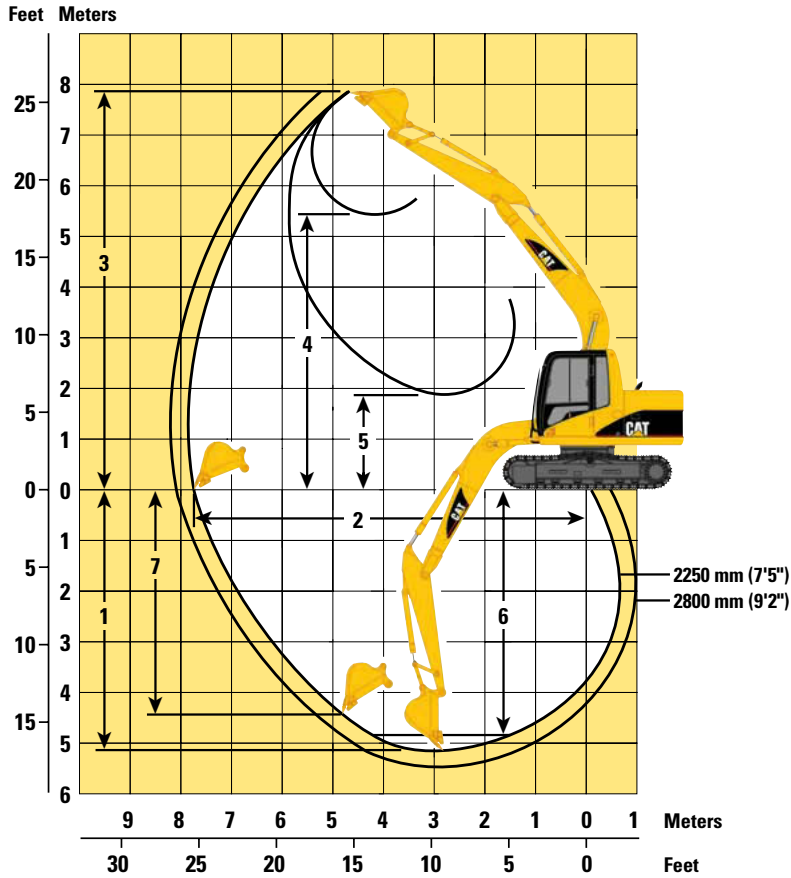
| Boom 4.3 m (14'1") | | 2250 mm (7'5") Stick | 2800 mm (9'2") Stick | | |
|---------------------------|------------------------------|-------------------------------------|-------------------------------------|--------------------------------------|-------------------------------------|
| 1 | Shipping height | 2770 mm (9'1") | 2770 mm (9'1") | | |
| 2 | Shipping length | 6910 mm (22'8") | 6920 mm (22'8") | | |
| 3 | Tail swing radius | 1750 mm (5'9") | 1750 mm (5'9") | | |
| 4 | Length to centers of rollers | 2610 mm (8'7") | 2610 mm (8'7") | | |
| 5 | Track length | 3320 mm (10'11") | 3320 mm (10'11") | | |
| 6 | Ground clearance | 445 mm (1'5") | 445 mm (1'5") | | |
| 7 | Track gauge | 1990 mm (6'6") | 1990 mm (6'6") | | |
| 8 | Transport width | with 500 mm (20") 2490 mm (8'2") | with 600 mm (24") 2590 mm (8'6") | with 700 mm (28") 2690 mm (8'10") | with 770 mm (30") 2760 mm (9'1") |

Operating Weights

Caterpillar designed and built track-type undercarriage.

| Track width | | Operating Weight (medium stick) | | Operating Weight (long stick) | |
|--------------------|-----------------------------|--|-------------|--|-------------|
| standard | 500 mm (20") triple grouser | 11 940 kg | (26,325 lb) | 11 980 kg | (26,410 lb) |
| optional | 600 mm (24") triple grouser | 12 160 kg | (26,810 lb) | 12 200 kg | (26,900 lb) |
| | 700 mm (28") triple grouser | 12 390 kg | (27,315 lb) | 12 430 kg | (27,405 lb) |
| | 770 mm (30") triple grouser | 12 510 kg | (27,580 lb) | 12 550 kg | (27,670 lb) |
| | Blade: add | 830 kg | (1830 lb) | | |

Working Ranges



| Stick Length | 2250 mm (7'5")* | 2800 mm (9'2")** |
|---|-------------------|-------------------|
| 1 Maximum Digging Depth | 5040 mm (16'6") | 5590 mm (18'4") |
| 2 Maximum Reach at Ground Level | 7570 mm (24'10") | 8100 mm (26'7") |
| 3 Maximum Cutting Height | 7805 mm (25'7") | 8125 mm (26'8") |
| 4 Maximum Loading Height | 5450 mm (17'11") | 5770 mm (18'11") |
| 5 Minimum Loading Height | 1880 mm (6'2") | 1340 mm (4'5") |
| 6 Maximum Depth Cut for 2440 mm (8') Level Bottom | 4815 mm (15'10") | 5440 mm (17'10") |
| 7 Maximum Vertical Wall Digging Depth | 4425 mm (14'6") | 4940 mm (16'2") |
| Stick Digging Force (SAE) | 58 kN (13,000 lb) | 50 kN (11,000 lb) |
| Bucket Digging Force (SAE) | 80 kN (18,000 lb) | 80 kN (18,000 lb) |

* - Measurements shown are for machines equipped with the 0.40 m³ (0.53 yd³) bucket

** - Measurements shown are for machines equipped with the 0.30 m³ (0.39 yd³) bucket