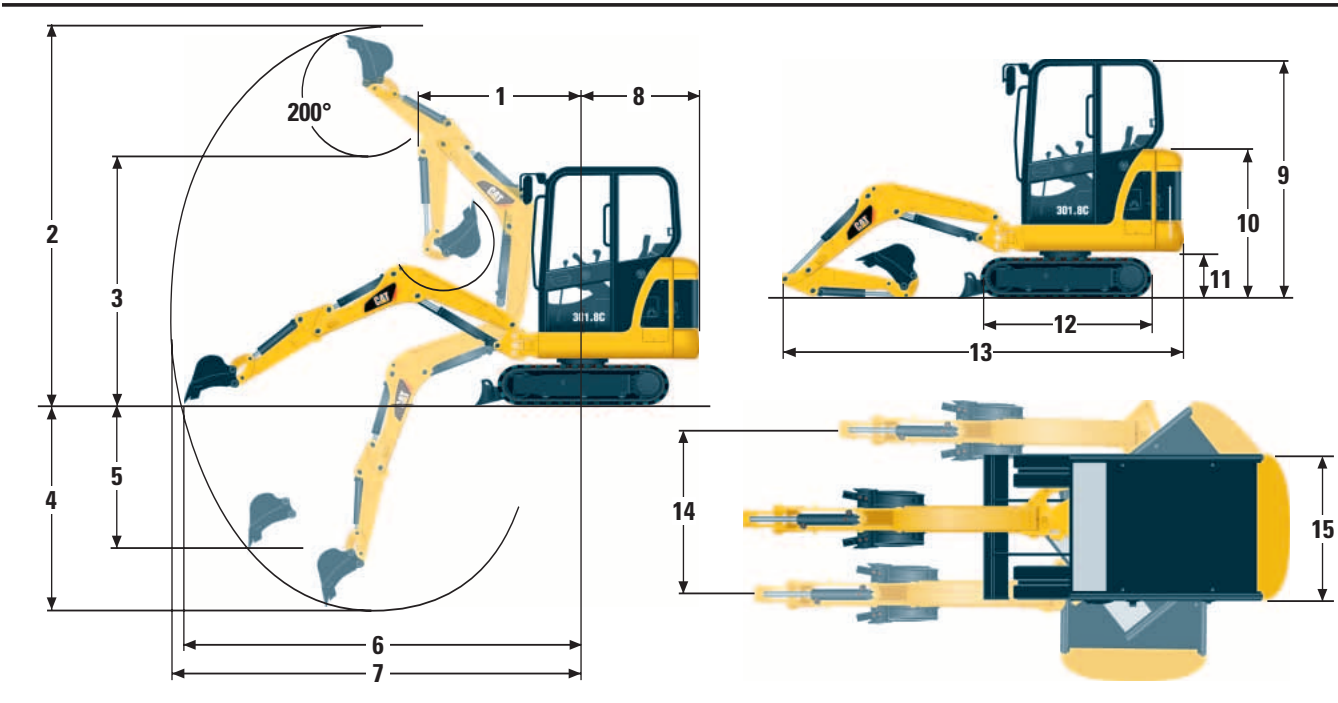


# 301.6C 301.8C Mini Hydraulic Excavators

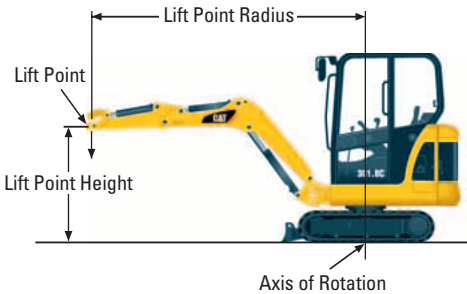
## Dimensions and Lift Capacities



|    | Standard Stick |        | Long Stick |       |
|----|----------------|--------|------------|-------|
| 1  | 1550 mm        | 5'1"   | 1560 mm    | 5'1"  |
| 2  | 3350 mm        | 11'    | 3460 mm    | 11'4" |
| 3  | 2360 mm        | 7'9"   | 2480 mm    | 8'2"  |
| 4  | 2080 mm        | 6'10"  | 2320 mm    | 7'7"  |
| 5  | 1620 mm        | 5'4"   | 1810 mm    | 5'11" |
| 6  | 3610 mm        | 11'10" | 3800 mm    | 12'6" |
| 7  | 3700 mm        | 12'2"  | 3890 mm    | 12'9" |
| 8  | 1090 mm        | 3'7"   | 1090 mm    | 3'7"  |
| 9  | 2190 mm        | 7'2"   | 2190 mm    | 7'2"  |
| 10 | 1365 mm        | 4'6"   | 1365 mm    | 4'6"  |
| 11 | 435 mm         | 1'5"   | 435 mm     | 1'5"  |
| 12 | 1575 mm        | 5'2"   | 1575 mm    | 5'2"  |
| 13 | 3695 mm        | 12'1"  | 3695 mm    | 12'1" |
| 14 | 975 mm         | 3'2"   | 975 mm     | 3'2"  |
| 15 | 980 mm         | 3'3"   | 980 mm     | 3'3"  |

With tracks level on the ground.

|                       | Standard Undercarriage | 301.8C Extended Undercarriage |
|-----------------------|------------------------|-------------------------------|
| Track and blade width | 980 mm<br>3'3"         | 1340 mm<br>4'5"               |
| Gauge width           | 750 mm<br>2'6"         | 1110 mm<br>3'8"               |
| Shoe width            | 230 mm<br>9"           | 230 mm<br>9"                  |



| Lift Capacities at Ground Level | Over Front |           | Over Side |          | Over Front |         | Over Side |        |
|---------------------------------|------------|-----------|-----------|----------|------------|---------|-----------|--------|
| Lift point radius               | 2000 mm    | 6'7"      | 2000 mm   | 6'7"     | 3000 mm    | 9'10"   | 3000 mm   | 9'10"  |
| Standard track                  |            |           |           |          |            |         |           |        |
| Blade down                      | 787 kg*    | 1,735 lb* | 362 kg    | 798 lb   | 450 kg*    | 992 lb* | 219 kg    | 483 lb |
| Blade up                        | 515 kg     | 1,135 lb  | 329 kg    | 725 lb   | 300 kg     | 661 lb  | 201 kg    | 443 lb |
| Extended track (301.8 only)     |            |           |           |          |            |         |           |        |
| Blade down                      | 782 kg*    | 1,724 lb* | 580 kg    | 1,278 lb | 445 kg*    | 981 lb* | 334 kg    | 736 lb |
| Blade up                        | 524 kg     | 1,155 lb  | 536 kg    | 1,181 lb | 303 kg     | 668 lb  | 311 kg    | 686 lb |

\* Limited by hydraulic capacity rather than tipping load.

The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard SAE J1097 and do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity.

Excavator bucket weight is not included on this chart. Lifting capacities are for standard stick.