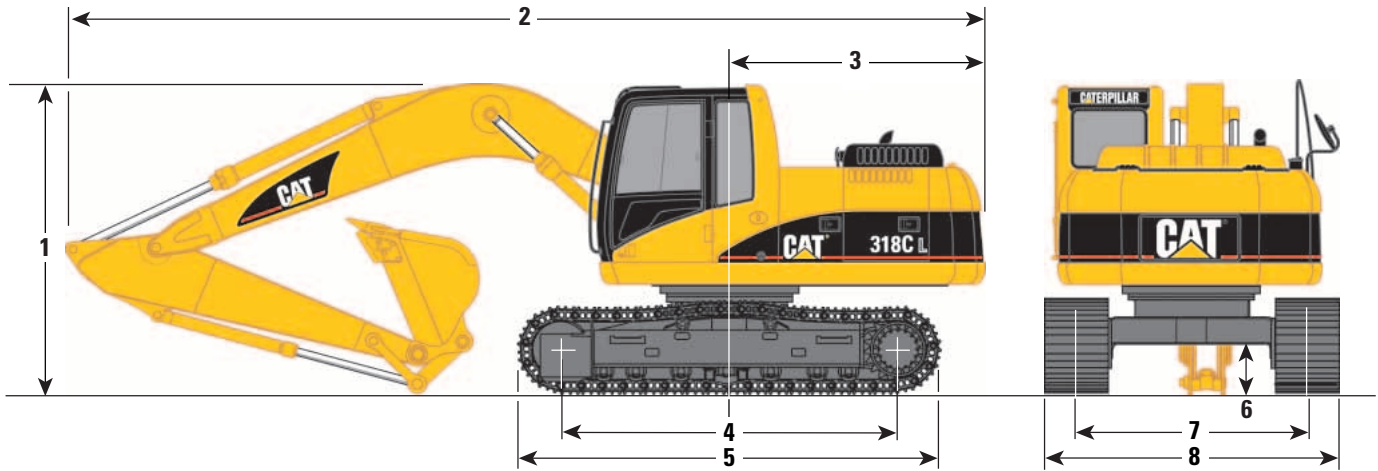


318C L/318C LN Hydraulic Excavator

Dimensions

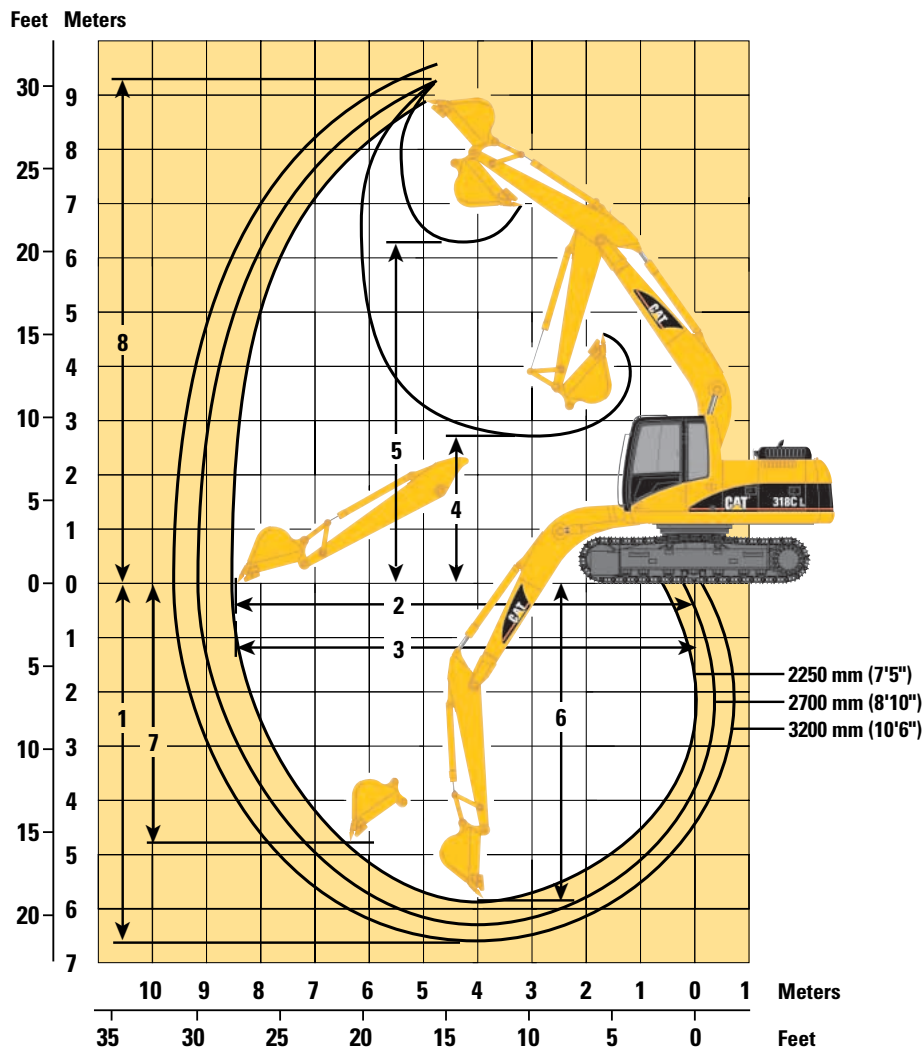
All dimensions are approximate.



| | 2250 mm (7'5") Stick | 2700 mm (8'10") Stick | 3200 mm (10'6") Stick |
|---------------------------------------|-----------------------------|------------------------------|------------------------------|
| 1 Shipping height | 3080 mm (10'1") | 3120 mm (10'3") | 3480 mm (11'6") |
| 2 Shipping length | 8870 mm (29'1") | 8820 mm (28'11") | 8830 mm (29') |
| 3 Tail swing radius | 2540 mm (8'4") | 2540 mm (8'4") | 2540 mm (8'4") |
| 4 Length to centers of rollers | | | |
| 318C L | 3450 mm (11'4") | 3450 mm (11'4") | 3450 mm (11'4") |
| 318C LN | 3450 mm (11'4") | 3450 mm (11'4") | 3450 mm (11'4") |
| 5 Track length | | | |
| 318C L | 4250 mm (13'11") | 4250 mm (13'11") | 4250 mm (13'11") |
| 318C LN | 4250 mm (13'11") | 4250 mm (13'11") | 4250 mm (13'11") |
| 6 Ground clearance | 460 mm (1'6") | 460 mm (1'6") | 460 mm (1'6") |
| 7 Track gauge | | | |
| 318C L | 2200 mm (7'10") | 2200 mm (7'10") | 2200 mm (7'10") |
| 318C LN | 1990 mm (6'7") | 1990 mm (6'7") | 1990 mm (6'7") |
| 8 Transport width | | | |
| 500 mm (20") shoes | | | |
| 318C L | — | — | — |
| 318C LN | 2490 mm (8'2") | 2490 mm (8'2") | 2490 mm (8'2") |
| 600 mm (24") shoes | | | |
| 318C L | 2800 mm (9'2") | 2800 mm (9'2") | 2800 mm (9'2") |
| 318C LN | 2590 mm (8'6") | 2590 mm (8'6") | 2590 mm (8'6") |
| 700 mm (28") shoes | | | |
| 318C L | 2900 mm (9'6") | 2900 mm (9'6") | 2900 mm (9'6") |
| 318C LN | — | — | — |
| 800 mm (32") shoes | | | |
| 318C L | 3000 mm (9'10") | 3000 mm (9'10") | 3000 mm (9'10") |
| 318C LN | — | — | — |

318C L/318C LN Hydraulic Excavator

Working Ranges



| Stick Length | 2250 mm (7'5") | 2700 mm (8'10") | 3200 mm (10'6") |
|---|--|--|--|
| Bucket (SAE m ³ /yd ³) | 0.86 m ³ (1.12 yd ³) HD | 0.70 m ³ (0.92 yd ³) HD | 0.54 m ³ (0.71 yd ³) HD |
| 1 Maximum Digging Depth | 5920 mm (19'5") | 6370 mm (20'10") | 6870 mm (22'6") |
| 2 Maximum Reach on Ground | 8650 mm (28'5") | 9110 mm (29'11") | 9630 mm (31'7") |
| 3 Maximum Reach | 8820 mm (28'11") | 9260 mm (30'7") | 9780 mm (32'1") |
| 4 Minimum Loading Height | 2810 mm (9'3") | 2350 mm (7'6") | 1860 mm (6'1") |
| 5 Maximum Loading Height | 6160 mm (20'3") | 6460 mm (21'3") | 6860 mm (22'6") |
| Minimum Front Swing Radius | 3120 mm (10'3") | 3120 mm (10'3") | 3070 mm (10'1") |
| 6 Maximum Depth Cut for 2440 mm (8') Level Bottom | 5600 mm (18'4") | 6070 mm (19'11") | 6590 mm (21'7") |
| 7 Maximum Vertical Wall Digging Depth | 4830 mm (15'10") | 5400 mm (17'8") | 6010 mm (19'9") |
| 8 Maximum Height to Bucket Teeth at Height Arc | 8920 mm (29'3") | 9240 mm (30'4") | 9650 mm (31'8") |
| Bucket Digging Force (SAE) | 130 kN (29,200 lb) | 111 kN (25,000 lb) | 112 kN (25,200 lb) |
| Stick Digging Force (SAE) | 103 kN (23,200 lb) | 88 kN (19,800 lb) | 79 kN (17,800 lb) |

318C L/318C LN Hydraulic Excavator

Operating Weights

Caterpillar designed and built track-type undercarriage.

318C L

| Track width Stick | Operating Weight 2250 mm (7'5") | | Operating Weight 2700 mm (8'10") | | Operating Weight 3200 mm (10'6") | |
|-----------------------------|------------------------------------|-------------|-------------------------------------|-------------|-------------------------------------|-------------|
| Standard | | | | | | |
| 600 mm (24") triple grouser | 19 750 kg | (43,540 lb) | 19 650 kg | (43,320 lb) | 19 650 kg | (43,320 lb) |
| Optional | | | | | | |
| 700 mm (28") triple grouser | 20 100 kg | (44,340 lb) | 20 000 kg | (44,120 lb) | 20 000 kg | (44,120 lb) |
| 800 mm (32") triple grouser | 20 350 kg | (44,910 lb) | 20 250 kg | (44,690 lb) | 20 250 kg | (44,690 lb) |

318C LN

| Track width Stick | Operating Weight 2250 mm (7'5") | | Operating Weight 2700 mm (8'10") | | Operating Weight 3200 mm (10'6") | |
|-----------------------------|------------------------------------|-------------|-------------------------------------|-------------|-------------------------------------|-------------|
| Standard | | | | | | |
| 500 mm (20") triple grouser | 19 450 kg | (42,880 lb) | 19 250 kg | (42,440 lb) | 19 350 kg | (42,660 lb) |
| Optional | | | | | | |
| 600 mm (24") triple grouser | 19 700 kg | (43,410 lb) | 19 500 kg | (42,970 lb) | 19 600 kg | (43,190 lb) |

Undercarriage

Caterpillar designed and built track-type undercarriage.

| Track width | Ground Pressure | |
|------------------------------|--------------------|--------------------|
| | 318C L | 318C LN |
| Standard | | |
| 500 mm (20") triple grouser | — | 50.9 kPa (7.4 psi) |
| 600 mm (24") tripler grouser | 43.1 kPa (6.2 psi) | — |
| Optional | | |
| 600 mm (24") triple grouser | — | 42.9 kPa (6.2 psi) |
| 700 mm (28") triple grouser | 37.6 kPa (5.5 psi) | — |
| 800 mm (32") triple grouser | 33.3 kPa (4.8 psi) | — |

318C L/318C LN Hydraulic Excavator

Buckets

Buckets have tapered sides, angled corner teeth, dual radius curvature, horizontal wear strips, and holes for optional side cutters.

318C L

| Recommended Maximum Material Density | | | | | | | | | |
|--------------------------------------|----|----------------|-----------------|-------------------|---------------------|-------------------|---------------------|-------------------|---------------------|
| Width | | Capacity | | Short Stick | | Medium Stick | | Long Stick | |
| mm | in | m ³ | yd ³ | kg/m ³ | lbs/yd ³ | kg/m ³ | lbs/yd ³ | kg/m ³ | lbs/yd ³ |
| 620 | 24 | 0.40 | 0.52 | 1800 | 3000 | 1800 | 3000 | 1800 | 3000 |
| 770 | 30 | 0.54 | 0.71 | 1800 | 3000 | 1800 | 3000 | 1800 | 3000 |
| 930 | 36 | 0.70 | 0.92 | 1800 | 3000 | 1800 | 3000 | 1800 | 3000 |
| 1080 | 42 | 0.86 | 1.12 | 1800 | 3000 | 1800 | 3000 | 1200 | 2000 |
| 1230 | 48 | 1.02 | 1.33 | 1500 | 2500 | 1200 | 2000 | 900 | 1500 |

318C LN

| Recommended Maximum Material Density | | | | | | | | | |
|--------------------------------------|----|----------------|-----------------|-------------------|---------------------|-------------------|---------------------|-------------------|---------------------|
| Width | | Capacity | | Short Stick | | Medium Stick | | Long Stick | |
| mm | in | m ³ | yd ³ | kg/m ³ | lbs/yd ³ | kg/m ³ | lbs/yd ³ | kg/m ³ | lbs/yd ³ |
| 620 | 24 | 0.40 | 0.52 | 1800 | 3000 | 1800 | 3000 | 1800 | 3000 |
| 770 | 30 | 0.54 | 0.71 | 1800 | 3000 | 1800 | 3000 | 1800 | 3000 |
| 930 | 36 | 0.70 | 0.92 | 1800 | 3000 | 1800 | 3000 | 1500 | 2500 |
| 1080 | 42 | 0.86 | 1.12 | 1500 | 2500 | 1500 | 2500 | 900 | 1500 |
| 1230 | 48 | 1.02 | 1.33 | 1200 | 2000 | 900 | 1500 | 900 | 1500 |

318C L/318C LN Hydraulic Excavator

Reach Boom Lift Capacities (318C L)



Load Point Height



Load at Maximum Reach



Load Radius Over Front














Load Radius Over Side

STICK – 2700 mm (9'10")
BUCKET – 0.70 m³ (0.92 yd³)/36"

UNDERCARRIAGE – Long
SHOES – 600 mm (24") triple grouser

BOOM – 5300 mm (17'5")












| | | 1.5 m (5.0 ft) | | 3.0 m (10.0 ft) | | 4.5 m (15.0 ft) | | 6.0 m (20.0 ft) | | 7.5 m (25.0 ft) | |  | | m ft |
|--------------------|----------|---|---|---|---|---|---|---|---|---|---|---|----------------|---------------|
| | |  |  |  |  |  |  |  |  |  |  | | | |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | | | *1860 *4130 | *1860 *4130 | 6.90 22.22 |
| 6.0 m 20.0 ft | kg lb | | | | | | | *3630 *7960 | *3630 *7960 | | | *1720 *3800 | *1720 *3800 | 8.06 26.24 |
| 4.5 m 15.0 ft | kg lb | | | | | | | *4130 *9010 | 3700 7930 | *3100 *6820 | 2430 5350 | *1700 *3750 | *1700 *3750 | 8.72 28.53 |
| 3.0 m 10.0 ft | kg lb | | | *9620 *20,440 | *9620 *20,440 | *6130 *13,200 | 5700 12,270 | *4860 *10,540 | 3530 7580 | 4070 *8630 | 2340 4990 | *1770 *3890 | 1670 3680 | 9.02 29.57 |
| 1.5 m 5.0 ft | kg lb | | | | | *7780 *16,780 | 5240 11,290 | *5670 *12,280 | 3330 7160 | 3980 8530 | 2260 4830 | *1930 *4240 | 1620 3570 | 9.00 29.54 |
| Ground Line | kg lb | | | *5130 *11,850 | *5130 *11,850 | *8820 *19,060 | 4950 10,650 | 5620 12,060 | 3180 6820 | 3900 8370 | 2190 4680 | *2200 *4850 | 1710 3760 | 8.67 28.44 |
| -1.5 m -5.0 ft | kg lb | *4800 *10,770 | *4800 *10,770 | *8720 *19,920 | *8720 *19,920 | 8940 19,160 | 4850 10,420 | 5530 11,890 | 3100 6660 | | | *2690 *5940 | 1980 4370 | 7.98 26.13 |
| -3.0 m -10.0 ft | kg lb | *8830 *19,870 | *8830 *19,870 | *12,630 *27,320 | 9660 20,700 | *8520 *18,380 | 4890 10,530 | 5570 11,970 | 3130 6740 | | | *3540 *7680 | 2650 5900 | 6.80 22.16 |
| -4.5 m -15.0 ft | kg lb | | | *9890 *21,100 | *9890 *21,100 | *6640 *13,980 | 5110 11,020 | | | | | *5520 *12,180 | 4250 9670 | 5.08 16.36 |

* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

STICK – 2700 mm (9'10")
BUCKET – 0.70 m³ (0.92 yd³)/36"

UNDERCARRIAGE – Long
SHOES – 700 mm (28") triple grouser

BOOM – 5300 mm (17'5")

| | | 1.5 m (5.0 ft) | | 3.0 m (10.0 ft) | | 4.5 m (15.0 ft) | | 6.0 m (20.0 ft) | | 7.5 m (25.0 ft) | |  | | m ft |
|--------------------|----------|---|---|---|---|---|---|---|---|---|---|---|----------------|---------------|
| | |  |  |  |  |  |  |  |  |  |  | | | |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | | | *1860 *4130 | *1860 *4130 | 6.90 22.22 |
| 6.0 m 20.0 ft | kg lb | | | | | | | *3630 *7960 | *3630 *7960 | | | *1720 *3800 | *1720 *3800 | 8.06 26.24 |
| 4.5 m 15.0 ft | kg lb | | | | | | | *4130 *9010 | 3700 8080 | *3100 *6820 | 2480 5460 | *1700 *3750 | *1700 *3750 | 8.72 28.53 |
| 3.0 m 10.0 ft | kg lb | | | *9620 *20,440 | *9620 *20,440 | *6130 *13,200 | 5800 12,480 | *4860 *10,540 | 3600 7720 | 4150 *8630 | 2390 5100 | *1770 *3890 | 1710 3770 | 9.02 29.57 |
| 1.5 m 5.0 ft | kg lb | | | | | *7780 *16,780 | 5340 11,500 | *5670 *12,280 | 3400 7300 | 4060 8710 | 2310 4940 | *1930 *4240 | 1660 3660 | 9.00 29.54 |
| Ground Line | kg lb | | | *5130 *11,850 | *5130 *11,850 | *8820 *19,060 | 5050 10,860 | 5730 12,300 | 3240 6960 | 3980 8550 | 2240 4790 | *2200 *4850 | 1750 3850 | 8.67 28.44 |
| -1.5 m -5.0 ft | kg lb | *4800 *10,770 | *4800 *10,770 | *8720 *19,920 | *8720 *19,920 | *9070 *19,530 | 4950 10,630 | 5640 12,120 | 3170 6810 | | | *2690 *5940 | 2030 4480 | 7.98 26.13 |
| -3.0 m -10.0 ft | kg lb | *8830 *19,870 | *8830 *19,870 | *12,630 *27,320 | 9830 21,080 | *8520 *18,380 | 4990 10,740 | 5680 12,210 | 3200 6890 | | | *3540 *7680 | 2700 6030 | 6.80 22.16 |
| -4.5 m -15.0 ft | kg lb | | | *9890 *21,100 | *9890 *21,100 | *6640 *13,980 | 5200 11,230 | | | | | *5520 *12,180 | 4340 9860 | 5.08 16.36 |

* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

318C L/318C LN Hydraulic Excavator

Reach Boom Lift Capacities (318C L)



Load Point Height



Load at Maximum Reach



Load Radius Over Front

















Load Radius Over Side

STICK – 2700 mm (9'10")
BUCKET – 0.70 m³ (0.92 yd³)/36"

UNDERCARRIAGE – Long
SHOES – 800 mm (32") triple grouser

BOOM – 5300 mm (17'5")















|  | | 1.5 m (5.0 ft) | | 3.0 m (10.0 ft) | | 4.5 m (15.0 ft) | | 6.0 m (20.0 ft) | | 7.5 m (25.0 ft) | |  | | m ft | |
|--|----------|---|---|---|---|---|---|---|---|---|--|---|---|----------------|---------------|
| | |  |  |  |  |  |  |  |  |  |  |  |  | | |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | | | *1860 *4130 | *1860 *4130 | 6.90 22.22 | |
| 6.0 m 20.0 ft | kg lb | | | | | | | *3630 *7960 | *3630 *7960 | | | | *1720 *3800 | *1720 *3800 | 8.06 26.24 |
| 4.5 m 15.0 ft | kg lb | | | | | | | *4130 *9010 | 3810 8180 | *3100 *6820 | 2520 5540 | | *1700 *3750 | *1700 *3750 | 8.72 28.53 |
| 3.0 m 10.0 ft | kg lb | | | *9620 *20,440 | *9620 *20,440 | *6130 *13,200 | 5870 12,630 | *4860 *10,540 | 3640 7830 | 4210 *8630 | 2430 5180 | | *1770 *3890 | 1740 3830 | 9.02 29.57 |
| 1.5 m 5.0 ft | kg lb | | | | | *7780 *16,780 | 5410 11,650 | *5670 *12,280 | 3450 7400 | 4120 8830 | 2350 5020 | | *1930 *4240 | 1690 3720 | 9.00 29.54 |
| Ground Line | kg lb | | | *5130 *11,850 | *5130 *11,850 | *8820 *19,060 | 5120 11,010 | 5810 12,470 | 3290 7070 | 4040 8680 | 2280 4870 | | *2200 *4850 | 1780 3920 | 8.67 28.44 |
| -1.5 m -5.0 ft | kg lb | *4800 *10,770 | *4800 *10,770 | *8720 *19,920 | *8720 *19,920 | *9070 *19,630 | 5010 10,780 | 5720 12,290 | 3220 6910 | | | | *2690 *5940 | 2060 4550 | 7.98 26.13 |
| -3.0 m -10.0 ft | kg lb | *8830 *19,870 | *8830 *19,870 | *12,630 *27,320 | 9660 21,350 | *8520 *18,380 | 5060 10,880 | 5760 12,380 | 3250 6990 | | | | *3540 *7680 | 2740 6120 | 6.80 22.16 |
| -4.5 m -15.0 ft | kg lb | | | *9890 *21,100 | *9890 *21,100 | *6640 *13,980 | 5270 11,380 | | | | | | *5520 *12,180 | 4400 9990 | 5.08 16.36 |

* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

STICK – 3200 mm (10'6")
BUCKET – 0.54 m³ (0.71 yd³)/30"

UNDERCARRIAGE – Long
SHOES – 600 mm (24") triple grouser

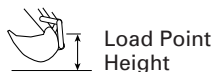
BOOM – 5300 mm (17'5")

|  | | 1.5 m (5.0 ft) | | 3.0 m (10.0 ft) | | 4.5 m (15.0 ft) | | 6.0 m (20.0 ft) | | 7.5 m (25.0 ft) | |  | | m ft | |
|--|----------|---|---|---|---|---|---|---|---|---|--|---|---|----------------|---------------|
| | |  |  |  |  |  |  |  |  |  |  |  |  | | |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | | | *1620 *3610 | *1620 *3610 | 7.60 24.58 | |
| 6.0 m 20.0 ft | kg lb | | | | | | | *3160 *6930 | *3160 *6930 | *2520 *5030 | *2520 *5030 | | *1500 *3320 | *1500 *3320 | 8.64 28.19 |
| 4.5 m 15.0 ft | kg lb | | | | | | | *3700 *8070 | *3700 *8070 | *3340 *7020 | 2490 5330 | | *1480 *3250 | *1480 *3250 | 9.26 30.30 |
| 3.0 m 10.0 ft | kg lb | | | *7930 *16,860 | *7930 *16,860 | *5460 *11,760 | *5460 *11,760 | *4470 *9700 | 3610 7750 | *3990 *8710 | 2400 5120 | | *1520 *3350 | 1510 3330 | 9.54 31.28 |
| 1.5 m 5.0 ft | kg lb | | | | | *7240 *15,610 | 5370 11,560 | *5360 *11,600 | 3390 7280 | 4020 8620 | 2300 4910 | | *1640 *3610 | 1470 3230 | 9.53 31.26 |
| Ground Line | kg lb | | | *5190 *12,000 | *5190 *12,000 | *8520 *18,430 | 5010 10,780 | 5650 12,140 | 3200 6880 | 3920 8410 | 2200 4720 | | *1850 *4070 | 1530 3380 | 9.22 30.25 |
| -1.5 m -5.0 ft | kg lb | *3930 *8820 | *3930 *8820 | *7720 *17,630 | *7720 *17,630 | 8940 19,170 | 4850 10,420 | 5530 11,880 | 3100 6660 | 3870 8310 | 2160 4620 | | *2210 *4880 | 1740 3850 | 8.59 28.12 |
| -3.0 m -10.0 ft | kg lb | *7210 *16,240 | *7210 *16,240 | *12,080 *27,670 | 9540 20,450 | *8790 *19,000 | 4840 10,410 | 5520 11,870 | 3090 6640 | | | | *2890 *6430 | 2220 4950 | 7.53 24.55 |
| -4.5 m -15.0 ft | kg lb | *11,780 *26,760 | *11,780 *26,760 | *11,170 *23,950 | 9840 21,130 | *7500 *16,010 | 4990 10,750 | | | | | | *2840 *6210 | *2840 *6210 | 5.77 18.56 |

* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

318C L/318C LN Hydraulic Excavator

Reach Boom Lift Capacities (318C L)



Load Point Height



Load at Maximum Reach



Load Radius Over Front

















Load Radius Over Side

STICK – 3200 mm (10'6")
BUCKET – 0.54 m³ (0.71 yd³)/30"

UNDERCARRIAGE – Long
SHOES – 700 mm (28") triple grouser

BOOM – 5300 mm (17'5")















|  | 1.5 m (5.0 ft) | | 3.0 m (10.0 ft) | | 4.5 m (15.0 ft) | | 6.0 m (20.0 ft) | | 7.5 m (25.0 ft) | |  | | m ft | |
|--|---|---|---|---|---|---|---|---|---|--|---|---|----------------|---------------|
| |  |  |  |  |  |  |  |  |  |  |  |  | | |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | | | *1620 *3610 | *1620 *3610 | 7.60 24.58 |
| 6.0 m 20.0 ft | kg lb | | | | | | | *3160 *6930 | *3160 *6930 | *2520 *5030 | *2520 *5030 | *1500 *3320 | *1500 *3320 | 8.64 28.19 |
| 4.5 m 15.0 ft | kg lb | | | | | | | *3700 *8070 | *3700 *8070 | *3340 *7020 | 2540 5440 | *1480 *3250 | *1480 *3250 | 9.26 30.30 |
| 3.0 m 10.0 ft | kg lb | | | *7930 *16,860 | *7930 *16,860 | *5460 *11,760 | *5460 *11,760 | *4470 *9700 | 3680 7890 | *3990 *8710 | 2450 5230 | *1520 *3350 | *1520 *3350 | 9.54 31.28 |
| 1.5 m 5.0 ft | kg lb | | | | | *7240 *15,610 | 5470 11,770 | *5360 *11,600 | 3460 7420 | 4100 8800 | 2350 5020 | *1640 *3610 | 1510 3320 | 9.53 31.26 |
| Ground Line | kg lb | | | *5190 *12,000 | *5190 *12,000 | *8520 *18,430 | 5110 10,990 | 5760 12,370 | 3270 7030 | 4000 8590 | 2250 4830 | *1850 *4070 | 1570 3460 | 9.22 30.25 |
| -1.5 m -5.0 ft | kg lb | *3930 *8820 | *3930 *8820 | *7720 *17,630 | *7720 *17,630 | *9050 19,530 | 4940 10,630 | 5640 12,120 | 3170 6800 | 3950 8480 | 2210 4730 | *2210 *4880 | 1790 3940 | 8.59 28.12 |
| -3.0 m -10.0 ft | kg lb | *7210 *16,240 | *7210 *16,240 | *12 080 *27,670 | 9710 20,820 | *8790 *19,000 | 4940 10,620 | 5630 12,100 | 3160 6790 | | | *2890 *6430 | 2280 5060 | 7.53 24.55 |
| -4.5 m -15.0 ft | kg lb | *11 780 *26,760 | *11 780 *26,760 | *11 170 *23,950 | 10 020 21,510 | *7500 *16,010 | 5080 10,950 | | | | | *2840 *6210 | *2840 *6210 | 5.77 18.56 |

* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

STICK – 3200 mm (10'6")
BUCKET – 0.54 m³ (0.71 yd³)/30"

UNDERCARRIAGE – Long
SHOES – 800 mm (32") triple grouser

BOOM – 5300 mm (17'5")

|  | 1.5 m (5.0 ft) | | 3.0 m (10.0 ft) | | 4.5 m (15.0 ft) | | 6.0 m (20.0 ft) | | 7.5 m (25.0 ft) | |  | | m ft | |
|--|---|---|---|---|---|---|---|---|---|--|---|---|----------------|---------------|
| |  |  |  |  |  |  |  |  |  |  |  |  | | |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | | | *1620 *3610 | *1620 *3610 | 7.60 24.58 |
| 6.0 m 20.0 ft | kg lb | | | | | | | *3160 *6930 | *3160 *6930 | *2520 *5030 | *2520 *5030 | *1500 *3320 | *1500 *3320 | 8.64 28.19 |
| 4.5 m 15.0 ft | kg lb | | | | | | | *3700 *8070 | *3700 *8070 | *3340 *7020 | 2580 5520 | *1480 *3250 | *1480 *3250 | 9.26 30.30 |
| 3.0 m 10.0 ft | kg lb | | | *7930 *16,860 | *7930 *16,860 | *5460 *11,760 | *5460 *11,760 | *4470 *9700 | 3720 8000 | *3990 *8710 | 2480 5310 | *1520 *3350 | *1520 *3350 | 9.54 31.28 |
| 1.5 m 5.0 ft | kg lb | | | | | *7240 *15,610 | 5530 11,910 | *5360 *11,600 | 3500 7530 | 4160 8920 | 2380 5100 | *1640 *3610 | 1530 3380 | 9.53 31.26 |
| Ground Line | kg lb | | | *5190 *12,000 | *5190 *12,000 | *8520 *18,430 | 5180 11,140 | 5840 12,540 | 3320 7130 | 4060 8720 | 2290 4910 | *1850 *4070 | 1600 3530 | 9.22 30.25 |
| -1.5 m -5.0 ft | kg lb | *3930 *8820 | *3930 *8820 | *7720 *17,630 | *7720 *17,630 | *9050 *19,580 | 5010 10,780 | 5720 12,290 | 3210 6900 | 4010 8610 | 2240 4810 | *2210 *4880 | 1820 4010 | 8.59 28.12 |
| -3.0 m -10.0 ft | kg lb | *7210 *16,240 | *7210 *16,240 | *12 080 *27,670 | 9840 21,100 | *8790 *19,000 | 5010 10,770 | 5710 12,270 | 3200 6890 | | | *2890 *6430 | 2310 5140 | 7.53 24.55 |
| -4.5 m -15.0 ft | kg lb | *11 780 *26,760 | *11 780 *26,760 | *11 170 *23,950 | 10 150 21,780 | *7500 *16,010 | 5150 11,100 | | | | | *2840 *6210 | *2840 *6210 | 5.77 18.56 |

* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

318C L/318C LN Hydraulic Excavator

Reach Boom Lift Capacities (318C LN)



Load Point Height



Load at Maximum Reach



Load Radius Over Front














Load Radius Over Side

STICK – 2700 mm (9'10")
BUCKET – 0.70 m³ (0.92 yd³)/36"

UNDERCARRIAGE – Long Narrow
SHOES – 500 mm (20") triple grouser

BOOM – 5300 mm (17'5")












| | | 1.5 m (5.0 ft) | | 3.0 m (10.0 ft) | | 4.5 m (15.0 ft) | | 6.0 m (20.0 ft) | | 7.5 m (25.0 ft) | |  | | m ft |
|--------------------|----------|---|---|---|---|---|---|---|---|---|---|---|----------------|---------------|
| | |  |  |  |  |  |  |  |  |  |  | | | |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | | | *1860 *4130 | *1860 *4130 | 6.90 22.22 |
| 6.0 m 20.0 ft | kg lb | | | | | | | *3630 *7960 | 3390 7280 | | | *1720 *3800 | *1720 *3800 | 8.06 26.24 |
| 4.5 m 15.0 ft | kg lb | | | | | | | *4130 *9010 | 3260 6990 | *3100 *6820 | 2110 4650 | *1700 *3750 | 1590 3530 | 8.72 28.53 |
| 3.0 m 10.0 ft | kg lb | | | *9620 *20,440 | 9600 *20,440 | *6130 *13,200 | 5010 10,790 | *4860 *10,540 | 3090 6640 | 4000 8570 | 2030 4320 | *1770 *3890 | 1420 3130 | 9.02 29.57 |
| 1.5 m 5.0 ft | kg lb | | | | | *7780 *16,780 | 4570 9830 | *5670 12,250 | 2900 6230 | 3910 8390 | 1940 4150 | *1930 *4240 | 1380 3030 | 9.00 29.54 |
| Ground Line | kg lb | | | *5130 *11,850 | *5130 *11,850 | *8820 *19,060 | 4280 9210 | 5530 11,870 | 2750 5900 | 3840 8230 | 1880 4010 | *2200 *4850 | 1450 3190 | 8.67 28.44 |
| -1.5 m -5.0 ft | kg lb | *4800 *10,770 | *4800 *10,770 | *8720 *19,920 | 8020 17,210 | 8800 18,870 | 4180 8990 | 5450 11,700 | 2670 5740 | | | *2690 *5940 | 1690 3740 | 7.98 26.13 |
| -3.0 m -10.0 ft | kg lb | *8830 *19,870 | *8830 *19,870 | *12,630 *27,320 | 8210 17,610 | *8520 *18,380 | 4230 9090 | 5480 11,780 | 2700 5820 | | | *3540 *7680 | 2290 5100 | 6.80 22.16 |
| -4.5 m -15.0 ft | kg lb | | | *9890 *21,100 | 8570 18,430 | *6640 *13,980 | 4430 9570 | | | | | *5520 *12,180 | 3700 8410 | 5.08 16.36 |

* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

STICK – 2700 mm (9'10")
BUCKET – 0.70 m³ (0.92 yd³)/36"

UNDERCARRIAGE – Long Narrow
SHOES – 600 mm (24") triple grouser

BOOM – 5300 mm (17'5")

| | | 1.5 m (5.0 ft) | | 3.0 m (10.0 ft) | | 4.5 m (15.0 ft) | | 6.0 m (20.0 ft) | | 7.5 m (25.0 ft) | |  | | m ft |
|--------------------|----------|---|---|---|---|---|---|---|---|---|---|---|----------------|---------------|
| | |  |  |  |  |  |  |  |  |  |  | | | |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | | | *1860 *4130 | *1860 *4130 | 6.90 22.22 |
| 6.0 m 20.0 ft | kg lb | | | | | | | *3630 *7960 | 3440 7380 | | | *1720 *3800 | *1720 *3800 | 8.06 26.24 |
| 4.5 m 15.0 ft | kg lb | | | | | | | *4130 *9010 | 3310 7090 | *3100 *6820 | 2150 4730 | *1700 *3750 | 1620 3600 | 8.72 28.53 |
| 3.0 m 10.0 ft | kg lb | | | *9620 *20,440 | *9620 *20,440 | *6130 *13,200 | 5080 10,930 | *4860 *10,540 | 3140 6740 | 4070 8630 | 2060 4390 | *1770 *3890 | 1450 3200 | 9.02 29.57 |
| 1.5 m 5.0 ft | kg lb | | | | | *7780 *16,780 | 4630 9980 | *5670 12,280 | 2950 6330 | 3980 8530 | 1980 4230 | *1930 *4240 | 1400 3090 | 9.00 29.54 |
| Ground Line | kg lb | | | *5130 *11,850 | *5130 *11,850 | *8820 *19,060 | 4350 9360 | 5620 12,060 | 2790 6000 | 3900 8370 | 1910 4090 | *2200 *4850 | 1480 3260 | 8.67 28.44 |
| -1.5 m -5.0 ft | kg lb | *4800 *10,770 | *4800 *10,770 | *8720 *19,920 | 8150 17,480 | 8940 19,160 | 4250 9140 | 5530 11,890 | 2720 5850 | | | *2690 *5940 | 1730 3810 | 7.98 26.13 |
| -3.0 m -10.0 ft | kg lb | *8830 *19,870 | *8830 *19,870 | *12,630 *27,320 | 8330 17,880 | *8520 *18,380 | 4290 9240 | 5570 11,970 | 2750 5920 | | | *3540 *7680 | 2330 5200 | 6.80 22.16 |
| -4.5 m -15.0 ft | kg lb | | | *9890 *21,100 | 8690 18,700 | *6640 *13,980 | 4500 9720 | | | | | *5520 *12,180 | 3760 8550 | 5.08 16.36 |

* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

318C L/318C LN Hydraulic Excavator

Reach Boom Lift Capacities (318C LN)



Load Point Height



Load at Maximum Reach



Load Radius Over Front

















Load Radius Over Side

STICK – 3200 mm (10'6")
BUCKET – 0.54 m³ (0.71 yd³)/30"

UNDERCARRIAGE – Long Narrow
SHOES – 500 mm (20") triple grouser

BOOM – 5300 mm (17'5")















|  | 1.5 m (5.0 ft) | | 3.0 m (10.0 ft) | | 4.5 m (15.0 ft) | | 6.0 m (20.0 ft) | | 7.5 m (25.0 ft) | |  | | m ft | |
|--|---|---|---|---|---|---|---|---|---|--|---|---|----------------|---------------|
| |  |  |  |  |  |  |  |  |  |  |  |  | | |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | | | *1620 *3610 | *1620 *3610 | 7.60 24.58 |
| 6.0 m 20.0 ft | kg lb | | | | | | *3160 *6930 | *3160 *6930 | *2520 5030 | 2260 4830 | *1500 *3320 | *1500 *3320 | 8.64 28.19 | |
| 4.5 m 15.0 ft | kg lb | | | | | | *3700 *8070 | 3350 7180 | *3340 *7020 | 2170 4650 | *1480 *3250 | 1430 3160 | 9.26 30.30 | |
| 3.0 m 10.0 ft | kg lb | | *7930 *16,860 | *7930 *16,860 | *5460 *11,760 | 5160 11,110 | *4470 *9700 | 3170 6810 | *3990 8710 | 2080 4440 | *1520 *3350 | 1280 2830 | 9.54 31.28 | |
| 1.5 m 5.0 ft | kg lb | | | | *7240 *15,610 | 4690 10,090 | *5360 *11,600 | 2960 6350 | 3960 8480 | 1980 4230 | *1640 *3610 | 1240 2730 | 9.53 31.26 | |
| Ground Line | kg lb | | *5190 *12,000 | *5190 *12,000 | *8520 *18,430 | 4340 9330 | 5560 11,950 | 2780 5960 | 3860 8270 | 1890 4040 | *1850 *4070 | 1300 2850 | 9.22 30.25 | |
| -1.5 m -5.0 ft | kg lb | *3930 *8820 | *3930 *8820 | *7720 *17,630 | *7720 *17,140 | 8810 18,870 | 4180 8980 | 5440 11,690 | 2670 5740 | 3800 8170 | 1840 3950 | *2210 *4880 | 1480 3270 | 8.59 28.12 |
| -3.0 m -10.0 ft | kg lb | *7210 *16,240 | *7210 *16,240 | *12 080 *27,670 | 8100 17,370 | *8790 *18,860 | 4180 8980 | 5430 11,680 | 2660 5720 | | | *2890 *6430 | 1910 4260 | 7.53 24.55 |
| -4.5 m -15.0 ft | kg lb | *11 780 *26,760 | *11 780 *26,760 | *11 170 *23,950 | 8380 18,020 | *7500 *16,010 | 4320 9300 | | | | | *2840 *6210 | *2840 *6210 | 5.77 18.56 |

* Limited by hydraulic capacity rather than tipping load. The above loads are in compliance with SAE hydraulic excavator lift capacity rating standard J1097. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity. Weight of all lifting accessories must be deducted from the above lifting capacities.

STICK – 3200 mm (10'6")
BUCKET – 0.54 m³ (0.71 yd³)/30"

UNDERCARRIAGE – Long Narrow
SHOES – 600 mm (24") triple grouser

BOOM – 5300 mm (17'5")

|  | 1.5 m (5.0 ft) | | 3.0 m (10.0 ft) | | 4.5 m (15.0 ft) | | 6.0 m (20.0 ft) | | 7.5 m (25.0 ft) | |  | | m ft | |
|--|---|---|---|---|---|---|---|---|---|--|---|---|----------------|---------------|
| |  |  |  |  |  |  |  |  |  |  |  |  | | |
| 7.5 m 25.0 ft | kg lb | | | | | | | | | | | *1620 *3610 | *1620 *3610 | 7.60 24.58 |
| 6.0 m 20.0 ft | kg lb | | | | | | *3160 *6930 | *3160 *6930 | *2520 5030 | 2290 4890 | *1500 *3320 | *1500 *3320 | 8.64 28.19 | |
| 4.5 m 15.0 ft | kg lb | | | | | | *3700 *8070 | 3390 7270 | *3340 *7020 | 2200 4710 | *1480 *3250 | 1450 3210 | 9.26 30.30 | |
| 3.0 m 10.0 ft | kg lb | | *7930 *16,860 | *7930 *16,860 | *5460 *11,760 | 5220 11,240 | *4470 *9700 | 3210 6890 | *3990 *8710 | 2110 4500 | *1520 *3350 | 1310 2880 | 9.54 31.28 | |
| 1.5 m 5.0 ft | kg lb | | | | *7240 *15,610 | 4740 10,210 | *5360 *11,600 | 3000 6430 | 4010 8600 | 2010 4300 | *1640 *3610 | 1260 2780 | 9.53 31.26 | |
| Ground Line | kg lb | | *5190 *12,000 | *5190 *12,000 | *8520 *18,430 | 4400 9460 | 5640 12,100 | 2810 6040 | 3910 8390 | 1920 4110 | *1850 *4070 | 1320 2900 | 9.22 30.25 | |
| -1.5 m -5.0 ft | kg lb | *3930 *8820 | *3930 *8820 | *7720 *17,630 | *7720 *17,350 | 8920 19,120 | 4240 9110 | 5520 11,850 | 2710 5820 | 3860 8280 | 1870 4010 | *2210 *4880 | 1510 3330 | 8.59 28.12 |
| -3.0 m -10.0 ft | kg lb | *7210 *16,240 | *7210 *16,240 | *12 080 *27,670 | 8200 17,590 | *8790 *19,000 | 4230 9100 | 5510 11,830 | 2700 5810 | | | *2890 *6430 | 1940 4330 | 7.53 24.55 |
| -4.5 m -15.0 ft | kg lb | *11 780 *26,760 | *11 780 *26,760 | *11 170 *23,950 | 8490 18,240 | *7500 *16,010 | 4370 9420 | | | | | *2840 *6210 | *2840 *6210 | 5.77 18.56 |

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