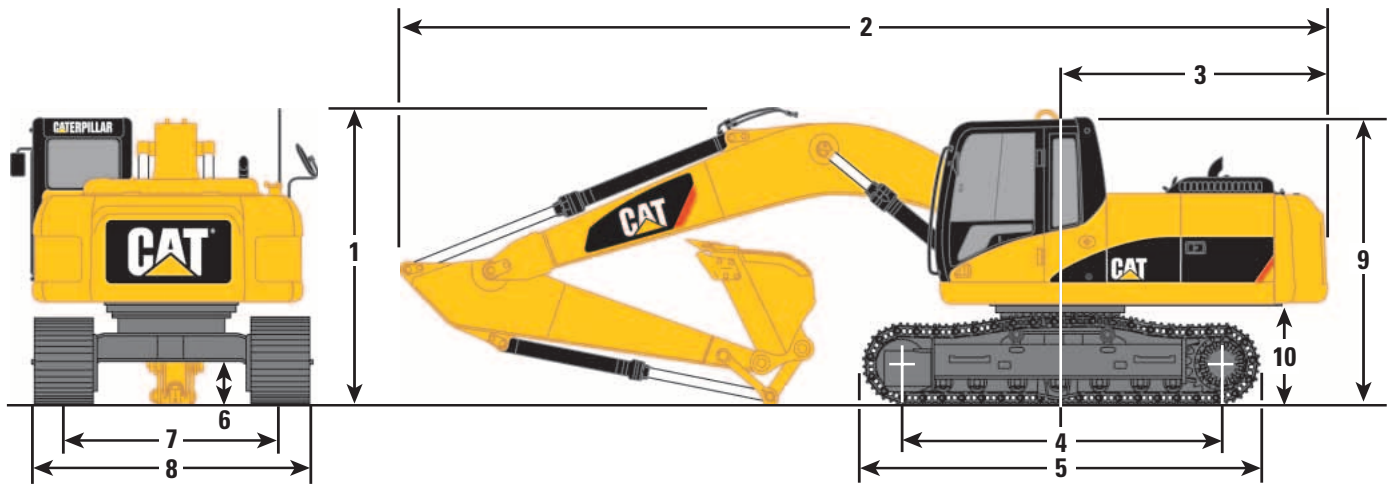


329D/329D L Hydraulic Excavator

Dimensions

All dimensions are approximate.



| Boom Options | Reach – 6.15 m | | Mass – 5.55 m |
|---------------------------------------|-----------------------|-----------------|-------------------------|
| Stick Options | R3.2CB2 | R2.65CB2 | M2.5DB |
| 1 Shipping height** | 3180 mm | 3190 mm | 3250 mm |
| 2 Shipping length | 10 410 mm | 10 420 mm | 9860 mm |
| 3 Tail swing radius | 3080 mm | 3080 mm | 3080 mm |
| Undercarriage | Fixed Gauge | | Long Fixed Gauge |
| 4 Length to centers of rollers | 3490 mm | | 3990 mm |
| 5 Track length | 4360 mm | | 4860 mm |
| 6 Ground clearance*** | 490 mm | | 490 mm |
| 7 Track gauge | 2390 mm | | 2590 mm |
| 8 Shipping width* | 2990 mm | | 3190 mm |
| 9 Cab height** | 3040 mm | | 3040 mm |
| 10 Counterweight clearance*** | 1110 mm | | 1110 mm |

* Track width shown is for 600 mm track shoes.

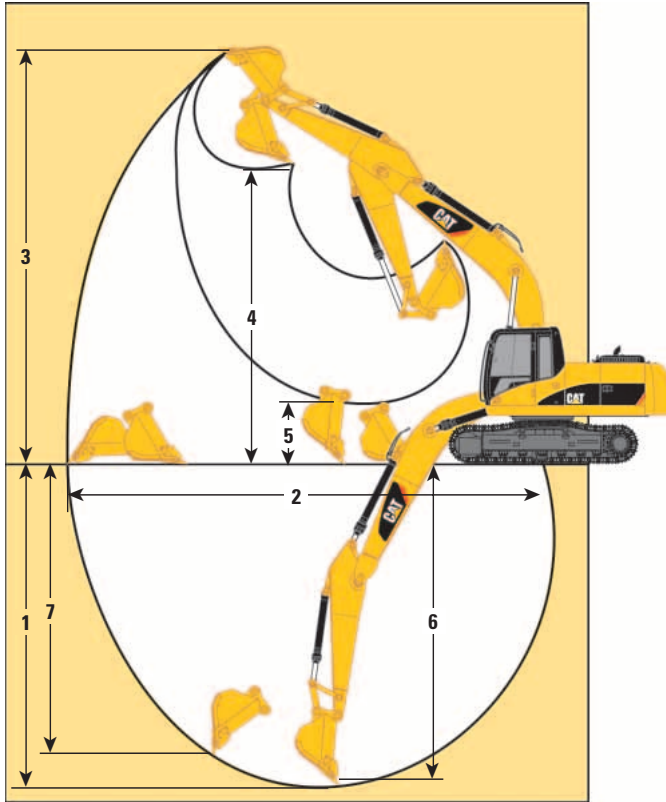
** Includes 30 mm shoe lug height.

*** Without 30 mm shoe lug height.

329D/329D L Hydraulic Excavator

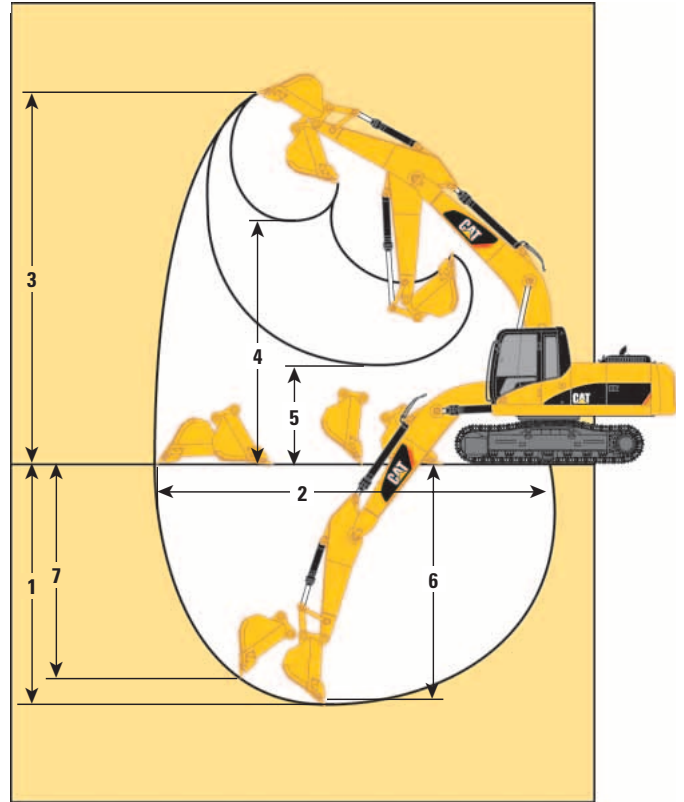
Reach Excavator Working Ranges

Reach (R) boom configuration



Mass Excavator Working Ranges

Mass (M) boom configuration



| Boom Options | Reach – 6.15 m | | Mass – 5.55 m |
|---|----------------|-----------|---------------|
| Stick Options | R3.2CB2 | R2.65CB2 | M2.5DB |
| 1 Maximum digging depth | 7170 mm | 6620 mm | 6010 mm |
| 2 Maximum reach at ground level | 10 600 mm | 10 130 mm | 9340 mm |
| 3 Maximum cutting height | 9990 mm | 9880 mm | 9150 mm |
| 4 Maximum loading height | 7020 mm | 6870 mm | 6090 mm |
| 5 Minimum loading height | 2370 mm | 2920 mm | 2560 mm |
| 6 Maximum depth cut for 2440 mm level bottom | 7010 mm | 6440 mm | 5810 mm |
| 7 Maximum vertical wall digging depth | 6510 mm | 5980 mm | 4710 mm |
| Bucket digging force (ISO) | 188 kN | 188 kN | 222 kN |
| (SAE) | 166 kN | 166 kN | 198 kN |
| Stick digging force (ISO) | 128 kN | 147 kN | 155 kN |
| (SAE) | 124 kN | 142 kN | 150 kN |

329D/329D L Hydraulic Excavator

Major Component Weights

| | kg |
|---|--------|
| Base machine with counterweight and 600 mm shoes (without front linkage) | 21 620 |
| Two boom cylinders | 548 |
| Counterweight | |
| Standard Machine | 5410 |
| Boom (includes lines, pins and stick cylinder) | |
| Reach boom | 2299 |
| Mass boom | 2374 |
| Stick (includes lines, pins, bucket cylinder and linkage) | |
| R3.2CB2 | 1392 |
| R2.65CB2 | 1299 |
| M2.5DB | 1455 |
| Track roller frame [includes frame, rollers, idlers, steps, guards, final drive, 600 mm shoes] – each | 9440 |

329D Bucket Specifications and Compatibility

| | Capacity* | Width | Tip Radius | Weight (w/o tips) | Teeth | Total Weight | Reach Stick | | Mass Stick |
|--------------------|----------------|-------|------------|-------------------|-------|--------------|-------------|----------|------------|
| | m ³ | mm | mm | kg | Qty | kg | R3.2CB2 | R2.65CB2 | M2.5DB |
| CB2 Buckets | | | | | | | | | |
| Excavation | 1.1 | 1320 | 1555 | 857 | 5 | 857 | ● | ● | — |
| | 1.2 | 1420 | 1555 | 896 | 5 | 896 | ● | ● | — |
| Heavy Duty | 1.3 | 1390 | 1578 | 1033 | 6 | 1033 | ◐ | ● | — |
| Mass Excavation | 1.5 | 1600 | 1578 | 1035 | 6 | 1035 | ◐ | ● | — |
| DB Buckets | | | | | | | | | |
| Excavation | 1.4 | 1470 | 1660 | 1101 | 5 | 1101 | — | — | ● |
| | 1.5 | 1560 | 1660 | 1144 | 5 | 1144 | — | — | ● |
| Mass Excavation | 1.6 | 1540 | 1660 | 1191 | 6 | 1191 | — | — | ◐ |

329D L Bucket Specifications and Compatibility

| | Capacity* | Width | Tip Radius | Weight (w/o tips) | Teeth | Total Weight | Reach Stick | | Mass Stick |
|--------------------|----------------|-------|------------|-------------------|-------|--------------|-------------|----------|------------|
| | m ³ | mm | mm | kg | Qty | kg | R3.2CB2 | R2.65CB2 | M2.5DB |
| CB2 Buckets | | | | | | | | | |
| Excavation | 1.1 | 1320 | 1555 | 857 | 5 | 857 | ● | ● | — |
| | 1.2 | 1420 | 1555 | 896 | 5 | 896 | ● | ● | — |
| Heavy Duty | 1.3 | 1390 | 1578 | 1033 | 6 | 1033 | ● | ● | — |
| Mass Excavation | 1.5 | 1600 | 1578 | 1035 | 6 | 1035 | ● | ● | — |
| DB Buckets | | | | | | | | | |
| Excavation | 1.4 | 1470 | 1660 | 1101 | 5 | 1101 | — | — | ● |
| | 1.5 | 1560 | 1660 | 1144 | 5 | 1144 | — | — | ● |
| Mass Excavation | 1.6 | 1540 | 1660 | 1191 | 6 | 1191 | — | — | ● |

Assumptions for maximum material density rating:

1. Front linkage fully extended at ground line
2. Bucket curled
3. 100% bucket fill factor

* Based on SAE J296, some calculations of capacity specs fall on borderlines. Rounding may allow two buckets to have the same English rating, but different metric ratings.

- 2100 kg/m³ max material density
- ◐ 1800 kg/m³ max material density
- 1500 kg/m³ max material density
- ∴ 1200 kg/m³ max material density
- Not Available

329D/329D L Hydraulic Excavator

329D/329D L Work Tool Matching Guide

| Boom Options | Reach Boom – 6.15 m | | Mass Boom – 5.55 m |
|---------------------------|------------------------------|------------------------------|------------------------------|
| Stick Options | R3.2CB2 | R2.65CB2 | M2.5DB |
| Hydraulic Hammer | H120Cs/ H130Cs/ H140Cs | H120Cs/ H130Cs/ H140Cs | H120Cs/ H130Cs/ H140Cs |
| Vibratory Plate Compactor | CVP110 | CVP110 | CVP110 |
| Multi-Processor | MP15/MP20 | MP15/MP20 | n/a |
| 360 Scrap Shear | S320 | S320/S325 | n/a |
| Trash Grapple | 3.1 m ³ | 3.1 m ³ | 4.6 m ³ |
| Contractors' Grapple | yes | yes | n/a |
| Hydraulic Thumb | yes | yes | n/a |
| Dedicated Quick Coupler | yes | yes | yes |
| Pin-Grabber Quick Coupler | yes | yes | yes |

329D/329D L Hydraulic Excavator

Reach Boom Lift Capacities



Load Point Height



Load Radius Over Front



Load Radius Over Side



















Load at Maximum Reach

R3.2CB2 STICK – 3200 mm
BUCKET – 1.1 m³

UNDERCARRIAGE – Standard
SHOES – 600 mm triple grouser

















BOOM – 5800 mm

|  | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | 9.0 m | |  | | m | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|------|
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | |
| 9.0 m | kg | | | | | | | | | | | | | *3900 | *3900 | 6.82 |
| 7.5 m | kg | | | | | | | | *4900 | 4400 | | | | *3650 | *3650 | 7.89 |
| 6.0 m | kg | | | | | | | | *5900 | 4350 | | | | *3450 | 3050 | 8.83 |
| 4.5 m | kg | | | | | | | *7350 | 6200 | 6200 | 4150 | 4400 | 2850 | *3450 | 2600 | 9.40 |
| 3.0 m | kg | | | | *12 800 | 8950 | 8650 | 5750 | 5950 | 3900 | 4300 | 2750 | | *3550 | 2350 | 9.70 |
| 1.5 m | kg | | | | *11 600 | 8150 | 8200 | 5300 | 5700 | 3700 | 4150 | 2650 | | 3600 | 2250 | 9.73 |
| Ground Line | kg | | | | *12 300 | 7900 | 7900 | 5050 | 5500 | 3500 | 4050 | 2550 | | 3700 | 2300 | 9.52 |
| -1.5 m | kg | | | *6700 | *6700 | 12 750 | 7900 | 7800 | 4950 | 5400 | 3450 | | | 4050 | 2500 | 9.03 |
| -3.0 m | kg | | | *13 400 | *13 400 | 12 900 | 8000 | 7850 | 5000 | 5450 | 3500 | | | 4750 | 3000 | 8.23 |
| -4.5 m | kg | | | *14 050 | *14 050 | *11 800 | 8300 | 8050 | 5150 | | | | | 6300 | 4100 | 7.00 |

R3.2CB2 STICK – 3200 mm
BUCKET – 1.35 m³

UNDERCARRIAGE – Standard
SHOES – 600 mm triple grouser

















BOOM – 5800 mm

|  | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | 9.0 m | |  | | m | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|------|
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | |
| 9.0 m | kg | | | | | | | | | | | | | *4150 | *4150 | 6.56 |
| 7.5 m | kg | | | | | | | | *4400 | 4400 | | | | *3350 | *3350 | 8.08 |
| 6.0 m | kg | | | | | | | | *5850 | 4250 | | | | *3350 | 3000 | 8.81 |
| 4.5 m | kg | | | | | | | *7150 | 6200 | 6150 | 4100 | 4300 | 2800 | *3500 | 2600 | 9.24 |
| 3.0 m | kg | | | | *12 200 | 9100 | 8650 | 5750 | 5900 | 3850 | 4200 | 2700 | | *3600 | 2350 | 9.56 |
| 1.5 m | kg | | | | *13 100 | 8250 | 8200 | 5300 | 5650 | 3650 | 4100 | 2550 | | 3600 | 2200 | 9.63 |
| Ground Line | kg | | | | *12 600 | 7900 | 7900 | 5000 | 5450 | 3450 | 4000 | 2500 | | 3650 | 2250 | 9.44 |
| -1.5 m | kg | | | *6600 | *6600 | 12 750 | 7850 | 7750 | 4900 | 5350 | 3400 | | | 3950 | 2450 | 9.01 |
| -3.0 m | kg | | | *14 700 | *14 700 | 12 850 | 7950 | 7750 | 4900 | 5400 | 3400 | | | 4600 | 2900 | 8.27 |
| -4.5 m | kg | | | *16 150 | *16 150 | *12 300 | 8200 | 7950 | 5100 | | | | | 6050 | 3900 | 7.12 |

R3.2CB2 STICK – 3200 mm
BUCKET – 1.35 m³

UNDERCARRIAGE – Standard
SHOES – 800 mm triple grouser

BOOM – 5800 mm

|  | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | 9.0 m | |  | | m | |
|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-------|------|
| |  |  |  |  |  |  |  |  |  |  |  |  |  |  | | |
| 9.0 m | kg | | | | | | | | | | | | | *4150 | *4150 | 6.56 |
| 7.5 m | kg | | | | | | | | *4400 | *4400 | | | | *3350 | *3350 | 8.08 |
| 6.0 m | kg | | | | | | | | *5850 | 4400 | | | | *3350 | 3150 | 8.81 |
| 4.5 m | kg | | | | | | | *7150 | 6350 | 6350 | 4250 | 4450 | 2900 | *3500 | 2700 | 9.24 |
| 3.0 m | kg | | | | *12 200 | 9350 | *8750 | 5900 | 6100 | 4000 | 4350 | 2800 | | *3600 | 2450 | 9.56 |
| 1.5 m | kg | | | | *13 100 | 8500 | 8450 | 5500 | 5850 | 3800 | 4250 | 2650 | | 3750 | 2300 | 9.63 |
| Ground Line | kg | | | | *12 600 | 8150 | 8150 | 5200 | 5650 | 3600 | 4150 | 2600 | | 3800 | 2350 | 9.44 |
| -1.5 m | kg | | | *6600 | *6600 | 13 150 | 8100 | 8000 | 5100 | 5550 | 3500 | | | 4100 | 2550 | 9.01 |
| -3.0 m | kg | | | *14 700 | *14 700 | 13 250 | 8200 | 8050 | 5100 | 5600 | 3550 | | | 4800 | 3000 | 8.27 |
| -4.5 m | kg | | | *16 150 | *16 150 | *12 300 | 8450 | 8200 | 5250 | | | | | 6250 | 4050 | 7.12 |

*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load.

Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

329D/329D L Hydraulic Excavator

Reach Boom Lift Capacities



Load Point Height



Load Radius Over Front



Load Radius Over Side



Load at Maximum Reach

R2.65CB2 STICK – 2650 mm
BUCKET – 1.35 m³

UNDERCARRIAGE – Long
SHOES – 600 mm triple grouser

BOOM – 5800 mm

| Load Point Height | Unit | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Load at Maximum Reach | | m |
|-------------------|------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|-----------------------|-----------|------|
| | | Over Front | Over Side | Over Front | Over Side | Over Front | Over Side | Over Front | Over Side | Over Front | Over Side | Over Front | Over Side | |
| 9.0 m | kg | | | | | | | | | | | *4600 | *4600 | 6.50 |
| 7.5 m | kg | | | | | | | | | | | *3350 | *3350 | 7.53 |
| 6.0 m | kg | | | | | | | | | *6600 | 4800 | *4400 | 3900 | 8.32 |
| 4.5 m | kg | | | | | | | *7950 | 6900 | *7000 | 4650 | *4650 | 3400 | 8.76 |
| 3.0 m | kg | | | | | | | *9500 | 6500 | 7400 | 4450 | *4800 | 3100 | 9.09 |
| 1.5 m | kg | | | | | | | 10 400 | 6100 | 7150 | 4250 | *5050 | 3000 | 9.16 |
| Ground Line | kg | | | | | | | 10 150 | 5900 | 7000 | 4100 | 5250 | 3050 | 8.97 |
| -1.5 m | kg | | | | | *15 500 | 9350 | 10 050 | 5850 | 6950 | 4050 | 5700 | 3350 | 8.50 |
| -3.0 m | kg | | | *16 650 | *16 650 | *13 950 | 9500 | 10 150 | 5900 | | | 6750 | 3950 | 7.72 |
| -4.5 m | kg | | | | | *11 050 | 9750 | *8250 | 6100 | | | *7150 | 5500 | 6.45 |

R2.65CB2 STICK – 2650 mm
BUCKET – 1.35 m³

UNDERCARRIAGE – Long
SHOES – 800 mm triple grouser

BOOM – 5800 mm

| Load Point Height | Unit | 1.5 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Load at Maximum Reach | | m |
|-------------------|------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|-----------------------|-----------|------|
| | | Over Front | Over Side | Over Front | Over Side | Over Front | Over Side | Over Front | Over Side | Over Front | Over Side | Over Front | Over Side | |
| 9.0 m | kg | | | | | | | | | | | *4600 | *4600 | 6.50 |
| 7.5 m | kg | | | | | | | | | | | *3350 | *3350 | 7.53 |
| 6.0 m | kg | | | | | | | | | *6600 | 4950 | *4400 | 4050 | 8.32 |
| 4.5 m | kg | | | | | | | *7950 | 7150 | *7000 | 4800 | *4650 | 3550 | 8.76 |
| 3.0 m | kg | | | | | | | *9500 | 6700 | 7650 | 4600 | *4800 | 3250 | 9.09 |
| 1.5 m | kg | | | | | | | 10 750 | 6350 | 7450 | 4450 | *5050 | 3100 | 9.16 |
| Ground Line | kg | | | | | | | 10 500 | 6100 | 7300 | 4300 | 5450 | 3200 | 8.97 |
| -1.5 m | kg | | | | | *15 500 | 9650 | 10 450 | 6050 | 7250 | 4250 | 5950 | 3450 | 8.50 |
| -3.0 m | kg | | | *16 650 | *16 650 | *13 950 | 9800 | 10 500 | 6100 | | | 7000 | 4150 | 7.72 |
| -4.5 m | kg | | | | | *11 050 | 10 100 | *8250 | 6350 | | | *7150 | 5700 | 6.45 |

R2.65CB2 STICK – 2650 mm
BUCKET – 1.1 m³

UNDERCARRIAGE – Standard
SHOES – 600 mm triple grouser

BOOM – 5800 mm

| Load Point Height | Unit | 2.0 m | | 3.0 m | | 4.5 m | | 6.0 m | | 7.5 m | | Load at Maximum Reach | | m |
|-------------------|------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|------------|-----------|-----------------------|-----------|------|
| | | Over Front | Over Side | Over Front | Over Side | Over Front | Over Side | Over Front | Over Side | Over Front | Over Side | Over Front | Over Side | |
| 9.0 m | kg | | | | | | | | | | | *4550 | *4550 | 6.62 |
| 7.5 m | kg | | | | | | | | | | | *4850 | 4550 | 7.29 |
| 6.0 m | kg | | | | | | | | | 6350 | 4300 | *4550 | 3500 | 8.30 |
| 4.5 m | kg | | | | | *10 550 | 9850 | *8200 | 6150 | 6200 | 4150 | 4500 | 2950 | 8.92 |
| 3.0 m | kg | | | | | | | 8600 | 5700 | 5950 | 3950 | 4150 | 2650 | 9.23 |
| 1.5 m | kg | | | | | | | 8200 | 5350 | 5750 | 3750 | 4000 | 2550 | 9.26 |
| Ground Line | kg | | | | | | | 8000 | 5150 | 5600 | 3600 | 4150 | 2650 | 9.04 |
| -1.5 m | kg | | | | | *12 550 | 8150 | 7950 | 5100 | 5550 | 3600 | 4550 | 2950 | 8.52 |
| -3.0 m | kg | | | *14 450 | *14 450 | 13 200 | 8300 | 8050 | 5200 | | | 5500 | 3550 | 7.66 |
| -4.5 m | kg | | | | | *10 450 | 8600 | *7750 | 5450 | | | *7000 | 5050 | 6.31 |

*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load.

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Always refer to the appropriate Operation and Maintenance Manual for specific product information.