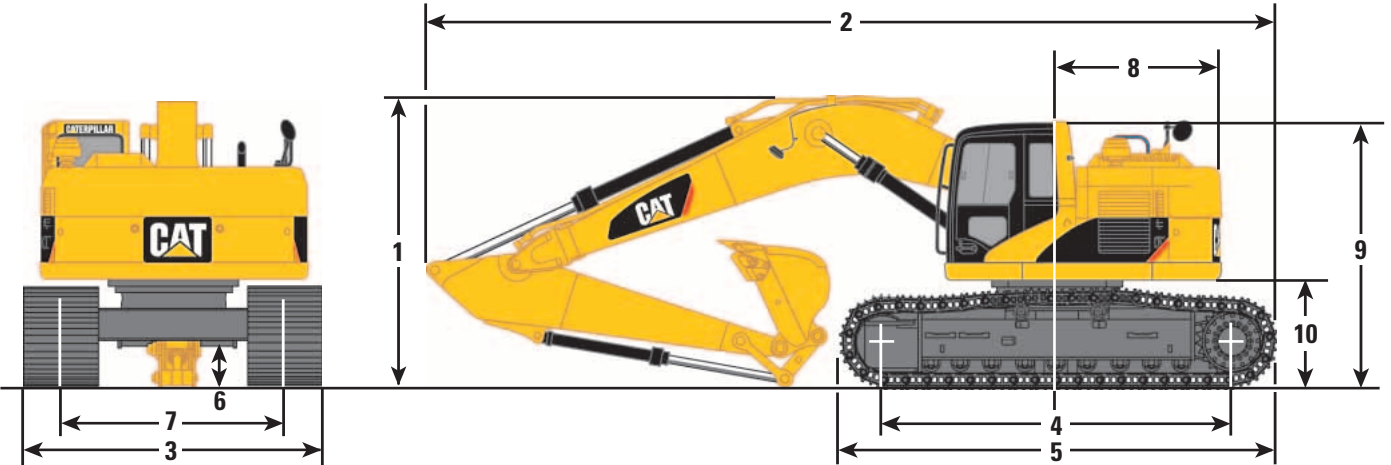


# 328D LCR Hydraulic Excavator

## Dimensions

All dimensions are approximate.



### Boom Options

Reach  
6.15 m (20'2")

### Stick Options

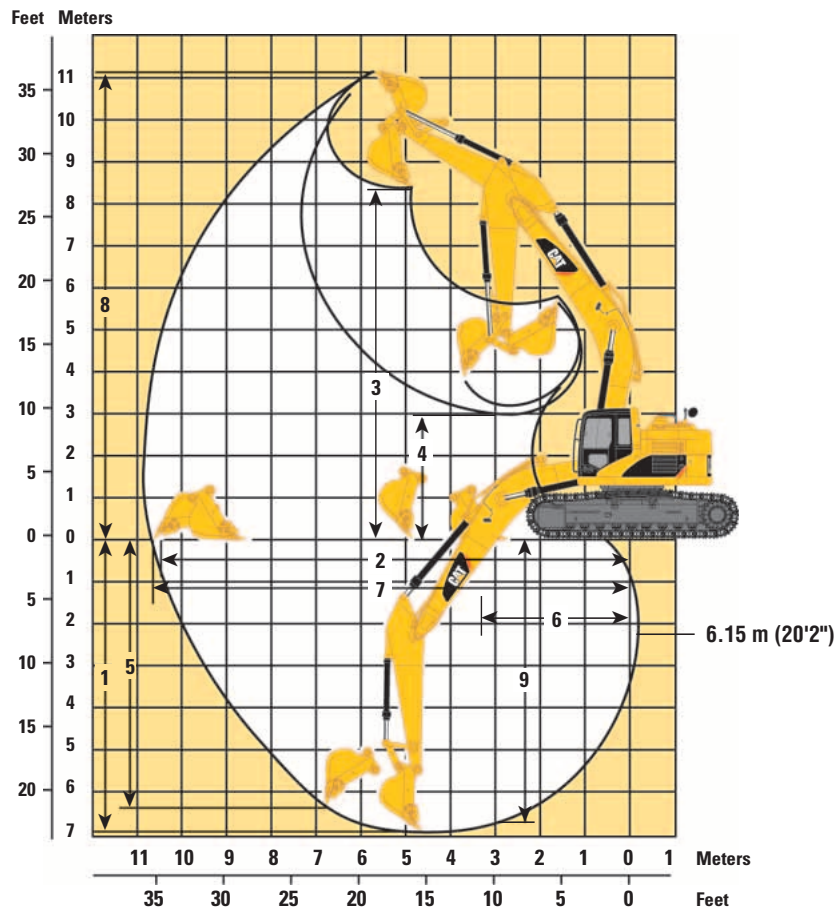
R3.2CB2 m (10'6")

|    |                                        |                 |
|----|----------------------------------------|-----------------|
| 1  | Shipping Height                        | 3370 mm (11'1") |
| 2  | Shipping Length                        | 9820 mm (32'3") |
| 3  | Tail Swing Radius                      | 1900 mm (6'3")  |
| 4  | Length to Center of Idler and Sprocket | 4040 mm (13'3") |
| 5  | Track Length                           | 5020 mm (16'6") |
| 6  | Ground Clearance                       | 510 mm (1'8")   |
| 7  | Track Gauge                            | 2590 mm (8'6")  |
| 8  | Transport Width                        |                 |
|    | 850 mm (34") shoes                     | 3440 mm (11'3") |
|    | 600 mm (24") shoes                     | 3190 mm (10'6") |
| 9  | Cab Height                             | 3190 mm (10'0") |
| 10 | Counterweight Clearance                | 1200 mm (3'11") |

Note: All numbers are approximate.

# 328D LCR Hydraulic Excavator

## Working Ranges



| Boom         |                                                | Reach                |
|--------------|------------------------------------------------|----------------------|
|              |                                                | 6.15 m (20'2")       |
| Stick Length |                                                | R3.2CB2 m (10'6")    |
| Bucket       |                                                | HD 1.2 m³ (1.57 yd³) |
| 1            | Maximum Digging Depth                          | 6920 mm (22'8")      |
| 2            | Maximum Reach at Ground Level                  | 10 560 mm (34'8")    |
| 3            | Maximum Loading Height                         | 8040 mm (26'5")      |
| 4            | Minimum Loading Height                         | 2990 mm (9'10")      |
| 5            | Maximum Vertical Wall Digging Depth            | 6260 mm (20'6")      |
| 6            | Minimum Front Swing Radius                     | 3400 mm (11'2")      |
| 7            | Maximum Reach                                  | 10 770 mm (35'4")    |
| 8            | Maximum Cutting Height                         | 11 110 mm (36'5")    |
| 9            | Maximum Depth Cut for 2440 m (8') Level Bottom | 6760 mm (22'2")      |

328D LCR Hydraulic Excavator

328D LCR Bucket and Stick Forces

| HD 1.2 m³ (1.57 yd³) Bucket |         |           |
|-----------------------------|---------|-----------|
| Stick                       | R3.2CB2 |           |
| Bucket Digging Force (ISO)  | 188 kN  | 42,264 lb |
| Stick Digging Force (ISO)   | 128 kN  | 28,776 lb |
| Bucket Digging Force (SAE)  | 166 kN  | 37,318 lb |
| Stick Digging Force (SAE)   | 124 kN  | 27,876 lb |

Major Component Weights

|                                                           |                        |           |           |
|-----------------------------------------------------------|------------------------|-----------|-----------|
| Base machine with counterweight (without front linkage)   | with 850 mm (34") shoe | 29 700 kg | 65,477 lb |
| Two boom cylinders (each)                                 |                        | 240 kg    | 529 lb    |
| Counterweight                                             |                        |           |           |
| Standard counterweight                                    |                        | 7720 kg   | 17,020 lb |
| Boom (includes lines, pins and stick cylinder)            |                        |           |           |
| Reach boom 6.15 m (20'2")                                 |                        | 2300 kg   | 5,071 lb  |
| Stick (includes lines, pins, bucket cylinder and linkage) |                        |           |           |
| R3.2CB2 m (10'6")                                         |                        | 1390 kg   | 3,064 lb  |

Note: All weights are approximate.

# 328D LCR 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 (10'6")  
**BUCKET** – 1.2 m<sup>3</sup> (1.57 yd<sup>3</sup>)

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

**BOOM** – Reach  
**HEAVY LIFT** – Off

|                    |          | 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)  |                 | 9.0 m (30.0 ft)  |               |                  |                 | m<br>ft        |
|--------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|--------------------|------------------|------------------|-----------------|------------------|---------------|------------------|-----------------|----------------|
|                    |          |                    |                    |                    |                    |                    |                  |                    |                  |                  |                 |                  |               |                  |                 |                |
| 9.0 m<br>30.0 ft   | kg<br>lb |                    |                    |                    |                    |                    |                  |                    |                  |                  |                 |                  |               | *3000<br>*6,650  | *3000<br>*6,650 | 7.85<br>25.27  |
| 7.5 m<br>25.0 ft   | kg<br>lb |                    |                    |                    |                    |                    |                  |                    |                  | *4850<br>*9,600  | *4850<br>*9,600 |                  |               | *2800<br>*6,100  | *2800<br>*6,100 | 9.05<br>29.43  |
| 6.0 m<br>20.0 ft   | kg<br>lb |                    |                    |                    |                    |                    |                  | *6650<br>*14,450   | *6650<br>*14,450 | *6200<br>*13,500 | 5150<br>11,050  |                  |               | *2700<br>*5,950  | *2700<br>*5,950 | 9.80<br>32.04  |
| 4.5 m<br>15.0 ft   | kg<br>lb |                    |                    |                    |                    | *9400<br>*20,200   | *9400<br>*20,200 | *7650<br>*16,600   | 7400<br>15,850   | *6700<br>*14,550 | 5050<br>10,750  | *4700<br>*8,700  | 3550<br>7,550 | *2750<br>*6,000  | *2750<br>*6,000 | 10.24<br>33.55 |
| 3.0 m<br>10.0 ft   | kg<br>lb |                    |                    |                    |                    | *12 050<br>*25,850 | 10 950<br>23,600 | *8950<br>*19,300   | 6950<br>14,950   | *7350<br>*15,900 | 4800<br>10,300  | *6150<br>*12,200 | 3450<br>7,400 | *2850<br>*6,300  | 2650<br>5,850   | 10.40<br>34.12 |
| 1.5 m<br>5.0 ft    | kg<br>lb |                    |                    |                    |                    | *14 100<br>*30,400 | 10 150<br>21,800 | *10 050<br>*21,750 | 6550<br>14,050   | *7950<br>*17,200 | 4600<br>9,850   | 6100<br>13,050   | 3350<br>7,200 | *3100<br>*6,800  | 2650<br>5,850   | 10.30<br>33.82 |
| Ground<br>Line     | kg<br>lb |                    |                    | *5700<br>*13,000   | *5700<br>*13,000   | *14 900<br>*32,250 | 9700<br>20,800   | *10 700<br>*23,150 | 6250<br>13,400   | 8000<br>17,200   | 4450<br>9,500   | 6000<br>*12,700  | 3300<br>7,050 | *3450<br>*7,600  | 2800<br>6,150   | 9.94<br>32.62  |
| -1.5 m<br>-5.0 ft  | kg<br>lb | *6150<br>*13,700   | *6150<br>*13,700   | *9700<br>*21,950   | *9700<br>*21,950   | *14 600<br>*31,600 | 9550<br>20,500   | *10 700<br>*23,100 | 6100<br>13,150   | 7900<br>17,000   | 4350<br>9,350   |                  |               | *4050<br>*8,950  | 3150<br>6,950   | 9.29<br>30.43  |
| -3.0 m<br>-10.0 ft | kg<br>lb | *10 400<br>*23,300 | *10 400<br>*23,300 | *15 000<br>*34,100 | *15 000<br>*34,100 | *13 300<br>*28,700 | 9600<br>20,650   | *9900<br>*21,250   | 6150<br>13,150   | *7350<br>*15,650 | 4400<br>9,400   |                  |               | *5100<br>*11,300 | 3900<br>8,600   | 8.26<br>26.97  |
| -4.5 m<br>-15.0 ft | kg<br>lb |                    |                    | *14 500<br>*31,050 | *14 500<br>*31,050 | *10 700<br>*22,850 | 9850<br>21,200   | *7800<br>*16,450   | 6300<br>13,600   |                  |                 |                  |               | *4350<br>*9,400  | *4350<br>*9,400 | 6.66<br>21.59  |

\* 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.

**R3.2CB2 STICK** – 3200 mm (10'6")  
**BUCKET** – 1.2 m<sup>3</sup> (1.57 yd<sup>3</sup>)

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

**BOOM** – Reach  
**HEAVY LIFT** – On

|                    |          | 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)  |                 | 9.0 m (30.0 ft)  |               |                  |                 | m<br>ft        |
|--------------------|----------|--------------------|--------------------|--------------------|--------------------|--------------------|------------------|--------------------|------------------|------------------|-----------------|------------------|---------------|------------------|-----------------|----------------|
|                    |          |                    |                    |                    |                    |                    |                  |                    |                  |                  |                 |                  |               |                  |                 |                |
| 9.0 m<br>30.0 ft   | kg<br>lb |                    |                    |                    |                    |                    |                  |                    |                  |                  |                 |                  |               | *3100<br>*6,900  | *3100<br>*6,900 | 7.85<br>25.27  |
| 7.5 m<br>25.0 ft   | kg<br>lb |                    |                    |                    |                    |                    |                  |                    |                  | *5000<br>*9,950  | *5000<br>*9,950 |                  |               | *2900<br>*6,350  | *2900<br>*6,350 | 9.05<br>29.43  |
| 6.0 m<br>20.0 ft   | kg<br>lb |                    |                    |                    |                    |                    |                  | *6900<br>*15,000   | *6900<br>*15,000 | *6450<br>*13,950 | 5150<br>11,050  |                  |               | *2800<br>*6,200  | *2800<br>*6,200 | 9.80<br>32.04  |
| 4.5 m<br>15.0 ft   | kg<br>lb |                    |                    |                    |                    | *9700<br>*20,900   | *9700<br>*20,900 | *7950<br>*17,200   | 7400<br>15,850   | *6950<br>*15,100 | 5050<br>10,750  | *4900<br>*9,050  | 3550<br>7,550 | *2850<br>*6,250  | 2800<br>6,200   | 10.24<br>33.55 |
| 3.0 m<br>10.0 ft   | kg<br>lb |                    |                    |                    |                    | *12 450<br>*26,750 | 10 950<br>23,600 | *9250<br>*20,000   | 6950<br>14,950   | *7650<br>*16,550 | 4800<br>10,300  | *6200<br>*12,650 | 3450<br>7,400 | *3000<br>*6,550  | 2650<br>5,850   | 10.40<br>34.12 |
| 1.5 m<br>5.0 ft    | kg<br>lb |                    |                    |                    |                    | *14 600<br>*31,500 | 10 150<br>21,800 | *10 450<br>*22,550 | 6550<br>14,050   | 8200<br>17,600   | 4600<br>9,850   | 6100<br>13,050   | 3350<br>7,200 | *3200<br>*7,050  | 2650<br>5,850   | 10.30<br>33.82 |
| Ground<br>Line     | kg<br>lb |                    |                    | *5900<br>*13,450   | *5900<br>*13,450   | *15 450<br>*33,400 | 9700<br>20,800   | *11 100<br>*24,000 | 6250<br>13,400   | 8000<br>17,200   | 4450<br>9,500   | 6000<br>12,900   | 3300<br>7,050 | *3600<br>*7,900  | 2800<br>6,150   | 9.94<br>32.62  |
| -1.5 m<br>-5.0 ft  | kg<br>lb | *6350<br>*14,200   | *6350<br>*14,200   | *10 000<br>*22,650 | *10 000<br>*22,650 | *15 100<br>*32,750 | 9550<br>20,500   | *11 100<br>*23,950 | 6100<br>13,150   | 7900<br>17,000   | 4350<br>9,350   |                  |               | *4200<br>*9,250  | 3150<br>6,950   | 9.29<br>30.43  |
| -3.0 m<br>-10.0 ft | kg<br>lb | *10 750<br>*24,050 | *10 750<br>*24,050 | *15 500<br>*35,150 | *15 500<br>*35,150 | *13 750<br>*29,750 | 9600<br>20,650   | *10 250<br>*22,100 | 6150<br>13,150   | *7650<br>*16,300 | 4400<br>9,400   |                  |               | *5300<br>*11,700 | 3900<br>8,600   | 8.26<br>26.97  |
| -4.5 m<br>-15.0 ft | kg<br>lb |                    |                    | *15 050<br>*32,250 | *15 050<br>*32,250 | *11 100<br>*23,750 | 9850<br>21,200   | *8100<br>*17,100   | 6300<br>13,600   |                  |                 |                  |               | *4550<br>*9,850  | *4550<br>*9,850 | 6.66<br>21.59  |

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