

# DEVELON

## Mini Excavator

# DX62R-7



### Engine

|                                       |                                       |
|---------------------------------------|---------------------------------------|
| Make                                  | DEVELON                               |
| Model                                 | D24                                   |
| Number of cylinders                   | 4                                     |
| Rated power, gross (hp per SAE J1995) | 59.4 hp (44.3 kW) @ 2300 rpm          |
| Rated power, net (hp per SAE J1349)   | 57.5 hp (42.9 kW) @ 2300 rpm          |
| Max. torque, net (SAE J1995)          | 191.7 ft.-lb. (26.5 kgf-m) @ 1600 rpm |
| Displacement                          | 146.0 in. <sup>3</sup> (2.4 L)        |
| Bore and stroke                       | 3.5" x 3.7" (90 mm x 94 mm)           |
| Starter                               | 12 V, 3.4 hp (2.5 kW)                 |
| Battery                               | 12 V, 100 AH                          |
| Alternator                            | 13.5 V, 90 A                          |
| Air cleaner                           | Double elements                       |

### Hydraulics

|                          |                                        |
|--------------------------|----------------------------------------|
| Main pumps               | 1 x 38.3 gpm (145.0 L/min.)            |
| Pilot pump (gear design) | -                                      |
| Relief pressure          | 3988.5 psi (280.4 kg/cm <sup>2</sup> ) |

### Maximum System Pressure

|                               |                                        |
|-------------------------------|----------------------------------------|
| Boom/arm/bucket (normal mode) | 4496.1 psi (316.1 kg/cm <sup>2</sup> ) |
| Swing (crossover relief)      | 3129.0 psi (220.0 kg/cm <sup>2</sup> ) |

### Undercarriage

|                                  |    |
|----------------------------------|----|
| Upper rollers (each track)       | 1  |
| Lower rollers (each track)       | 5  |
| Number of shoes (links per side) | 39 |

### Swing Mechanism

|              |                               |
|--------------|-------------------------------|
| Swing speed  | 0 – 9.8 rpm                   |
| Swing torque | 9982.0 lbf.-ft. (1380.0 kg-m) |

### Drive System

|                                     |                                |
|-------------------------------------|--------------------------------|
| Travel speed (low – high)           | 1.6 – 2.7 mph (2.6 – 4.4 km/h) |
| Traction force, max. (drawbar pull) | 11310.0 lbf. (5130.0 kgf)      |
| Max. grade                          | 70% (35°)                      |

### Environment

|                              |          |
|------------------------------|----------|
| Sound level (ISO 6395)       | 97 dB(A) |
| Cabin sound level (ISO 6396) | 72 dB(A) |

### Refill Capacities

|                                    |                     |
|------------------------------------|---------------------|
| Fuel tank                          | 17.4 gal. (66.0 L)  |
| Cooling system (radiator capacity) | 2.2 gal. (8.5 L)    |
| Engine oil                         | 2.4 gal. (9.2 L)    |
| Final drive (each side)            | 0.2 gal. (0.9 L)    |
| Hydraulic system                   | 27.7 gal. (105.0 L) |
| Hydraulic tank                     | 12.7 gal. (48.0 L)  |

All capacities are approximate values. Always refer to the machine's OM for exact refill levels. Check the dipstick, level eye, level plug, etc., to achieve the correct level.

### Hydraulic Cylinders

|                                                               |                                                  |
|---------------------------------------------------------------|--------------------------------------------------|
| Boom (1) bore x rod diameter x stroke                         | 4.1" x 2.6" x 26.2"<br>(105 mm x 65 mm x 665 mm) |
| Standard arm (1) <sup>1, 2</sup> bore x rod diameter x stroke | 3.3" x 2.2" x 29"<br>(85 mm x 55 mm x 737 mm)    |
| Long arm (1) <sup>1, 2</sup> bore x rod diameter x stroke     | 3.3" x 2.2" x 32.1"<br>(85 mm x 55 mm x 816 mm)  |
| Bucket (1) <sup>1</sup> bore x rod diameter x stroke          | 3.0" x 1.8" x 23.6"<br>(75 mm x 45 mm x 600 mm)  |
| Dozer (1) <sup>1</sup> bore x rod diameter x stroke           | 4.3" x 2.4" x 7.2"<br>(110 mm x 60 mm x 183 mm)  |
| Boom swing (1) <sup>1</sup> bore x rod diameter x stroke      | 3.7" x 2.2" x 17.7"<br>(95 mm x 55 mm x 449 mm)  |

<sup>1</sup> Cushion on rod end

<sup>2</sup> Cushion on base end

The piston rods and cylinder bodies are made of high-strength steel. A shock-absorbing mechanism is fitted in all cylinders to ensure shock-free operation and extended piston life.

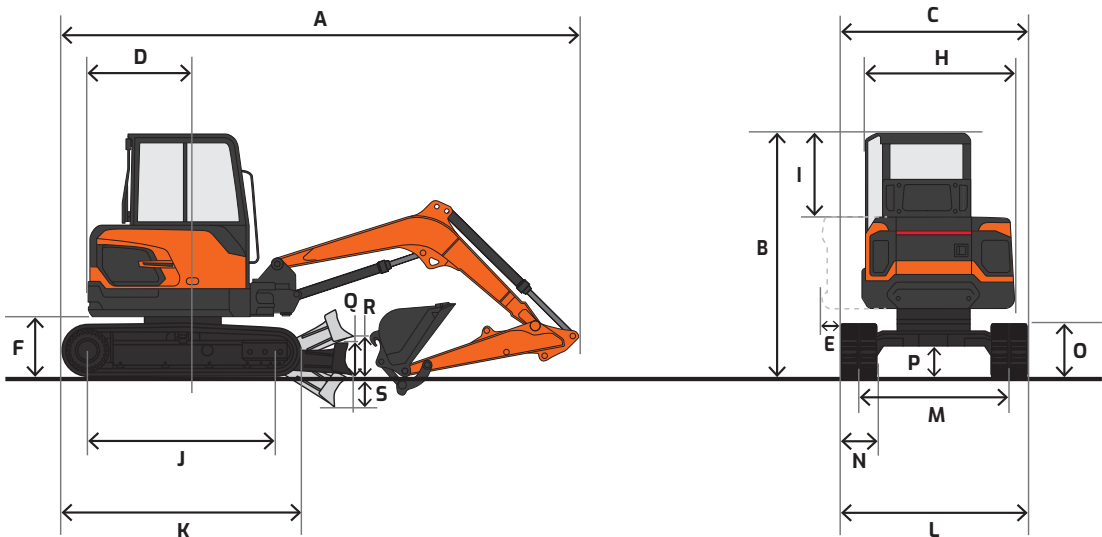
NOTE: Where applicable, dimensions are in accordance with Society of Automotive Engineers (SAE) and ISO standards. Specifications and design are subject to change without notice. All dimensions are given for DEVELON mini excavators equipped with standard rubber tracks. Pictures of DEVELON mini excavators may show other than standard equipment. All dimensions are shown in inches. Respective metric dimensions are enclosed by parentheses. Rounding may impact specifications. DEVELON equipment is manufactured with a Quality Management System that is in compliance with ISO 9001:2008.

# Dimensions

|                              |   | Standard Arm & HVAC Cabin<br>(US20/US40) |  | Long Arm & HVAC Cabin<br>(US30/US41) | Long Arm & HVAC Cabin With SS<br>(US31/US42) |
|------------------------------|---|------------------------------------------|--|--------------------------------------|----------------------------------------------|
| Boom type                    |   | One-piece boom                           |  |                                      |                                              |
| Arm type                     |   | Standard arm                             |  | Long arm                             |                                              |
| Bucket type (SAE)            |   | General-purpose                          |  |                                      |                                              |
| Track type                   |   | Fixed (rubber)                           |  |                                      | Fixed (steel)                                |
| Shipping length              | A | 18' 4.6" (5602 mm)                       |  | 18' 5.7" (5631 mm)                   |                                              |
| Overall height               | B | 8' 5.4" (2575 mm)                        |  |                                      |                                              |
| Shipping width               | C | 6' 6.0" (1980 mm)                        |  |                                      |                                              |
| Tail swing radius            | D | 3' 10.5" (1180 mm)                       |  |                                      |                                              |
| Tail swing overhang (rear)*  |   | -                                        |  |                                      |                                              |
| Tail swing overhang (side)   | E | 7.3" (185 mm)                            |  |                                      |                                              |
| Counterweight clearance      | F | 2' 0.7" (628 mm)                         |  |                                      |                                              |
| Upper structure width        | H | 5' 8.9" (1750 mm)                        |  |                                      |                                              |
| Cabin height above house     | I | 3' 2.9" (987 mm)                         |  |                                      |                                              |
| Tumbler distance             | J | 6' 6.4" (1990 mm)                        |  |                                      |                                              |
| Overall track length         | K | 8' 2.3" (2497 mm)                        |  |                                      |                                              |
| Undercarriage width          | L | 6' 6.0" (1980 mm)                        |  |                                      |                                              |
| Track gauge width            | M | 5' 2.2" (1580 mm)                        |  |                                      |                                              |
| Track width                  | N | 1' 3.8" (400 mm)                         |  |                                      |                                              |
| Track height                 | O | 1' 10.1" (562 mm)                        |  |                                      | 1' 9.8" (553 mm)                             |
| Car body clearance           | P | 8.2" (208 mm)                            |  |                                      | 8.0" (202 mm)                                |
| Blade height                 | Q | 1' 4.1" (410 mm)                         |  |                                      |                                              |
| Blade clearance              | R | 1' 7.0" (482 mm)                         |  |                                      |                                              |
| Max. blade cut, below ground | S | 1' 6.1" (460 mm)                         |  |                                      |                                              |

\*Not shown on diagram  
Less than zero indicated as "-"

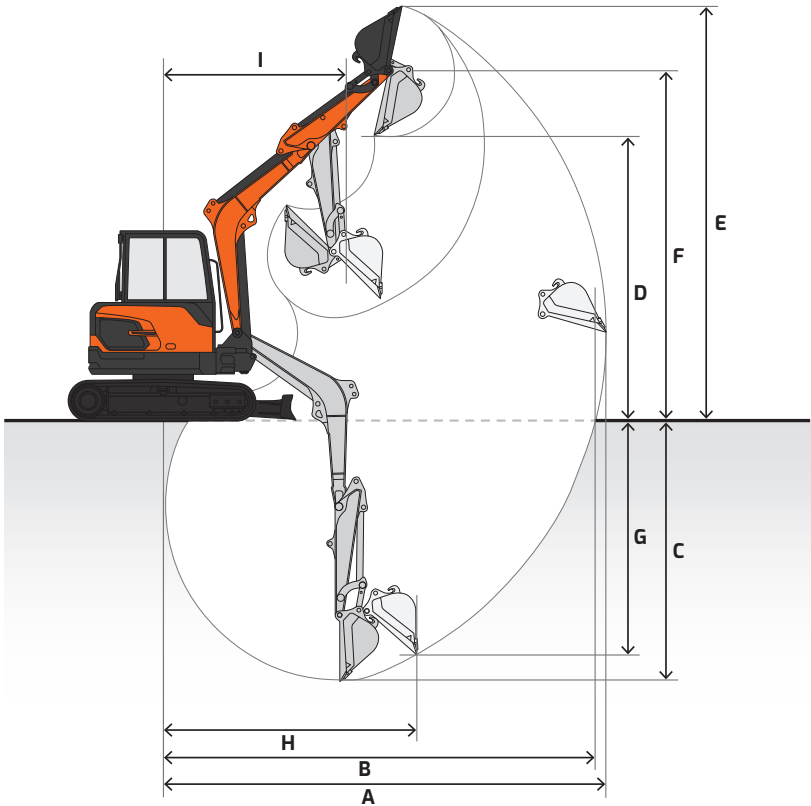
US40/US41/US42 packages include rotating piping as standard.



# Working Range

|                              |   | Standard Arm & HVAC Cabin<br>(U520/U540)       | Long Arm & HVAC Cabin<br>(U530/U541) | Long Arm & HVAC Cabin With SS<br>(U531/U542) |
|------------------------------|---|------------------------------------------------|--------------------------------------|----------------------------------------------|
| Boom length                  |   | 9' 6.2" (2900 mm)                              |                                      |                                              |
| Arm length                   |   | 5' 3.0" (1600 mm)                              | 6' 2.8" (1900 mm)                    |                                              |
| Bucket capacity (SAE)        |   | 0.229 yd. <sup>3</sup> (0.175 m <sup>3</sup> ) |                                      |                                              |
| Track type                   |   | Fixed (rubber)                                 |                                      | Fixed (steel)                                |
| Max. digging reach           | A | 20' 8.4" (6310 mm)                             | 21' 8.4" (6610 mm)                   |                                              |
| Max. digging reach (ground)  | B | 20' 3.1" (6175 mm)                             | 21' 3.3" (6485 mm)                   |                                              |
| Max. digging depth           | C | 12' 5.4" (3795 mm)                             | 13' 5.2" (4095 mm)                   |                                              |
| Max. dumping height          | D | 13' 3.1" (4040 mm)                             | 14' 0.1" (4270 mm)                   |                                              |
| Max. digging height          | E | 19' 0" (5790 mm)                               | 19' 9.2" (6025 mm)                   |                                              |
| Max. bucket pin height       | F | 16' 1.9" (4925 mm)                             | 16' 11.0" (5155 mm)                  |                                              |
| Max. vertical wall depth     | G | 7' 9.7" (2380 mm)                              | 8' 5.6" (2580 mm)                    |                                              |
| Max. vertical digging radius | H | 16' 2.3" (4935 mm)                             | 16' 11.0" (5155 mm)                  |                                              |
| Min. swing radius            | I | 8' 9.7" (2685 mm)                              | 9' 4.2" (2850 mm)                    |                                              |
| Boom swing – left/right      |   | 60° / 53°                                      |                                      |                                              |
| Digging force, bucket        |   | 9700.0 lbf. (4400.0 kgf)                       |                                      |                                              |
| Digging force, arm           |   | 6173.0 lbf. (2800.0 kgf)                       |                                      |                                              |
| Counterweight                |   | 1830.0 lb. (830 kg)                            |                                      |                                              |
| Operating weight             |   | 13703.9 lb. (6216 kg)                          | 13778.9 lb. (6250 kg)                | 14109.6 lb. (6400 kg)                        |
| Ground pressure              |   | 5.12 psi (0.35 kg/cm <sup>2</sup> )            | 5.12 psi (0.35 kg/cm <sup>2</sup> )  | 5.36 psi (0.37 kg/cm <sup>2</sup> )          |

US40/US41/US42 packages include rotating piping as standard.



# Bucket

|               | Standard Arm<br>& HVAC Cabin<br>(US20/US40) | Long Arm<br>& HVAC Cabin<br>(US30/US41) | Long Arm & HVAC<br>Cabin With SS<br>(US31/US42) |
|---------------|---------------------------------------------|-----------------------------------------|-------------------------------------------------|
| Boom          | 9' 6.2" (2900 mm)                           |                                         |                                                 |
| Arm           | 5' 3.0" (1600 mm)                           | 6' 2.8" (1900 mm)                       |                                                 |
| Shoe size     | 15.7" (400 mm)                              |                                         |                                                 |
| Track type    | Fixed (rubber)                              |                                         | Fixed (steel)                                   |
| Counterweight | 1830 lb. (830 kg)                           |                                         |                                                 |

| Bucket Type                           | Model       | Capacity<br>yd³ (m³) | Width<br>in. (mm) | Weight<br>lb. (kg) | Height<br>in. (mm) | Length<br>in. (mm) | Number<br>of Teeth | Connection/<br>Type |
|---------------------------------------|-------------|----------------------|-------------------|--------------------|--------------------|--------------------|--------------------|---------------------|
| Quick-Hitch<br>Ditching<br>(QH05GB)   | DC05GB-36QH | 0.29 (0.22)          | 37 (939.8)        | 290 (130.5)        | 21.0625 (535.0)    | 26.25 (666.7)      | –                  | Quick-hitch         |
|                                       | DC05GB-42QH | 0.35 (0.27)          | 43 (1092.2)       | 325 (146.3)        |                    |                    |                    |                     |
|                                       | DC05GB-48QH | 0.40 (0.31)          | 49 (1244.6)       | 365 (146.3)        |                    |                    |                    |                     |
| Quick-Hitch<br>Heavy-Duty<br>(QH05GB) | HD05GB-12QH | 0.08 (0.06)          | 12 (304.8)        | 120 (54.0)         | 21.1875 (538.2)    | 33.875 (860.4)     | 3                  | Quick-hitch         |
|                                       | HD05GB-18QH | 0.13 (0.10)          | 18 (457.2)        | 155 (69.7)         |                    |                    | 4                  |                     |
|                                       | HD05GB-24QH | 0.18 (0.14)          | 24 (609.6)        | 185 (83.3)         |                    |                    | 5                  |                     |
|                                       | HD05GB-30QH | 0.24 (0.18)          | 30 (762.0)        | 220 (99.0)         |                    |                    | 5                  |                     |
|                                       | HD05GB-36QH | 0.30 (0.23)          | 36 (914.4)        | 250 (112.5)        |                    |                    | 6                  |                     |
| Pin-On<br>Ditching                    | DC05GB-36   | 0.30 (0.23)          | 37 (939.8)        | 340 (153.0)        | 27.0 (685.8)       | 30.0 (762.0)       | –                  | Pin-on              |
|                                       | DC05GB-42   | 0.36 (0.28)          | 43 (1092.2)       | 380 (171.0)        |                    |                    |                    |                     |
|                                       | DC05GB-48   | 0.42 (0.32)          | 49 (1244.6)       | 420 (189.0)        |                    |                    |                    |                     |
|                                       | DC05GB-54   | 0.47 (0.36)          | 55 (1397.0)       | 460 (207.0)        |                    |                    |                    |                     |
|                                       | DC05GB-60   | 0.53 (0.41)          | 61 (1549.4)       | 500 (225.0)        |                    |                    |                    |                     |
| Pin-On<br>Heavy-Duty                  | HD05GB-12   | 0.10 (0.08)          | 12.375 (304.8)    | 180 (81.0)         | 26.0 (660.4)       | 37.25 (946.1)      | 3                  | Pin-on              |
|                                       | HD05GB-16   | 0.12 (0.09)          | 17 (431.8)        | 205 (92.3)         |                    |                    | 4                  |                     |
|                                       | HD05GB-18   | 0.14 (0.11)          | 19 (482.6)        | 215 (96.8)         |                    |                    | 4                  |                     |
|                                       | HD05GB-24   | 0.20 (0.15)          | 25 (635.0)        | 250 (112.5)        |                    |                    | 5                  |                     |
|                                       | HD05GB-30   | 0.24 (0.18)          | 31 (787.4)        | 285 (128.3)        |                    |                    | 5                  |                     |
|                                       | HD05GB-36   | 0.32 (0.24)          | 37 (939.8)        | 320 (144.0)        |                    |                    | 6                  |                     |

Please consult with your DEVELON dealer to properly match buckets and attachments for the application.

US40/US41/US42 packages include rotating piping as standard.

# Lifting Capacity

 Rating over front       Rating over side or 360°

## DX62R-7 US20/US40

Boom: 9' 6.2" (2900 mm) | Arm: 5' 3.0" (1600 mm) | Counterweight: 1830 lb. (830 kg) | 15.7" (400 mm) Rubber Shoes | Dozer Up & Down | Bucket: None | Unit: lb. (kg)

| <div><div>A</div><div>B</div><div>(ft. or m)</div></div> | 5' (1.0 m)                                                                        |                                                                                   |                                                                                   | 10' (2.0 m)                                                                       |                                                                                   |                                                                                   | 15' (3.0 m)                                                                       |                                                                                   |                                                                                   | 20' (4.0 m)                                                                       |                                                                                   |                                                                                   | 25' (5.0 m)                                                                         |                                                                                     |                                                                                     | Max. Reach                                                                          |                                                                                     |                                                                                     | A               |
|----------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------|
| <div><div>B</div><div>(ft. or m)</div></div>             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | A               |
| 25' (5.0 m)                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     | 2980* (1350*)                                                                       | 2980* (1350*)                                                                       | 2980* (1350*)                                                                       | 10.67' (3.25 m) |
| 20' (4.0 m)                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 3030* (1370*)                                                                     | 2810 (1270)                                                                       | 2560 (1160)                                                                       |                                                                                     |                                                                                     |                                                                                     | 2260* (1020*)                                                                       | 2260* (1020*)                                                                       | 2150 (970)                                                                          | 14.49' (4.42 m) |
| 15' (3.0 m)                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 3160* (1440*)                                                                     | 2780 (1260)                                                                       | 2530 (1160)                                                                       | 2410* (1090*)                                                                       | 1910 (870)                                                                          | 1750 (790)                                                                          | 2040* (930*)                                                                        | 1880 (850)                                                                          | 1720 (780)                                                                          | 16.53' (5.04 m) |
| 10' (2.0 m)                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 5070* (2300*)                                                                     | 4200 (1900)                                                                       | 3760 (1700)                                                                       | 3810* (1730*)                                                                     | 2670 (1210)                                                                       | 2430 (1100)                                                                       | 3340* (1520*)                                                                       | 1890 (860)                                                                          | 1720 (780)                                                                          | 2010* (910*)                                                                        | 1680 (760)                                                                          | 1540 (700)                                                                          | 17.55' (5.35 m) |
| 5' (1.0 m)                                               |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 6990* (3170*)                                                                     | 3900 (1770)                                                                       | 3480 (1580)                                                                       | 4560* (2070*)                                                                     | 2550 (1160)                                                                       | 2310 (1050)                                                                       | 3610* (1640*)                                                                       | 1840 (830)                                                                          | 1670 (760)                                                                          | 2090* (950*)                                                                        | 1620 (740)                                                                          | 1480 (670)                                                                          | 17.78' (5.42 m) |
| Ground Level                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 7680* (3480*)                                                                     | 3760 (1710)                                                                       | 3350 (1520)                                                                       | 5020* (2280*)                                                                     | 2470 (1120)                                                                       | 2230 (1010)                                                                       | 3750* (1700*)                                                                       | 1800 (820)                                                                          | 1640 (740)                                                                          | 2310* (1050*)                                                                       | 1680 (760)                                                                          | 1530 (690)                                                                          | 17.26' (5.26 m) |
| -5' (-1.0 m)                                             | 5200* (2360*)                                                                     | 5200* (2360*)                                                                     | 5200* (2360*)                                                                     | 6350* (2880*)                                                                     | 6350* (2880*)                                                                     | 6350* (2880*)                                                                     | 7320* (3320*)                                                                     | 3750 (1700)                                                                       | 3340 (1510)                                                                       | 4920* (2230*)                                                                     | 2440 (1110)                                                                       | 2210 (1000)                                                                       |                                                                                     |                                                                                     |                                                                                     | 2810* (1280*)                                                                       | 1880 (850)                                                                          | 1710 (780)                                                                          | 15.89' (4.84 m) |
| -10' (-2.0 m)                                            |                                                                                   |                                                                                   |                                                                                   | 9770* (4430*)                                                                     | 7920 (3590)                                                                       | 6720 (3050)                                                                       | 5950* (2700*)                                                                     | 3820 (1730)                                                                       | 3400 (1540)                                                                       | 3720* (1690*)                                                                     | 2500 (1130)                                                                       | 2270 (1030)                                                                       |                                                                                     |                                                                                     |                                                                                     | 3510* (1590*)                                                                       | 2450 (1110)                                                                         | 2220 (1010)                                                                         | 13.36' (4.07 m) |

## DX62R-7 US30/US41

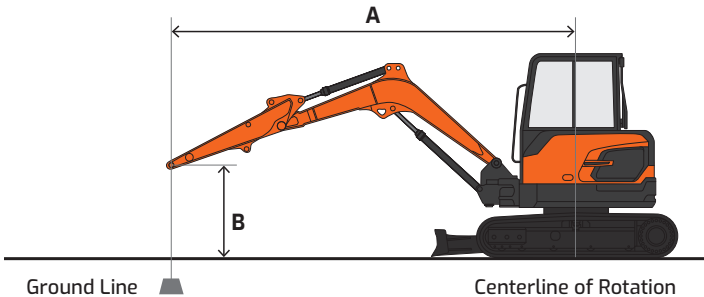
Boom: 9' 6.2" (2900 mm) | Arm: 6' 2.8" (1900 mm) | Counterweight: 1830 lb. (830 kg) | 15.7" (400 mm) Rubber Shoes | Dozer Up & Down | Bucket: None | Unit: lb. (kg)

| <div><div>A</div><div>B</div><div>(ft. or m)</div></div> | 5' (1.0 m)                                                                        |                                                                                   |                                                                                   | 10' (2.0 m)                                                                       |                                                                                   |                                                                                   | 15' (3.0 m)                                                                       |                                                                                   |                                                                                   | 20' (4.0 m)                                                                       |                                                                                   |                                                                                   | 25' (5.0 m)                                                                         |                                                                                     |                                                                                     | Max. Reach                                                                          |                                                                                     |                                                                                     | A               |
|----------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------|
| <div><div>B</div><div>(ft. or m)</div></div>             |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  | A               |
| 25' (5.0 m)                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     | 3140* (1420*)                                                                       | 3000 (1360)                                                                         | 2730 (1240)                                                                         | 12.45' (3.79 m) |
| 20' (4.0 m)                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 2550* (1160*)                                                                     | 2550* (1160*)                                                                     | 2550* (1160*)                                                                     |                                                                                     |                                                                                     |                                                                                     | 2650* (1200*)                                                                       | 2040 (920)                                                                          | 1860 (840)                                                                          | 15.75' (4.80 m) |
| 15' (3.0 m)                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 2760* (1250*)                                                                     | 2760* (1250*)                                                                     | 2530 (1150)                                                                       | (1290*)                                                                             | (870)                                                                               | 790                                                                                 | 2440* (1110*)                                                                       | 1680 (760)                                                                          | 1530 (690)                                                                          | 17.59' (5.36 m) |
| 10' (2.0 m)                                              |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 4310* (1950*)                                                                     | 4240 (1920)                                                                       | 3800 (1720)                                                                       | 3440* (1560*)                                                                     | 2670 (1210)                                                                       | 2420 (1100)                                                                       | 2850* (1400*)                                                                       | 1910 (850)                                                                          | 1740 (770)                                                                          | 2390* (1090*)                                                                       | 1510 (690)                                                                          | 1380 (630)                                                                          | 18.54' (5.65 m) |
| 5' (1.0 m)                                               |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 6420* (2910*)                                                                     | 3900 (1770)                                                                       | 3480 (1580)                                                                       | 4270* (1940*)                                                                     | 2530 (1150)                                                                       | 2290 (1040)                                                                       | 3080* (1550*)                                                                       | 1860 (820)                                                                          | 1700 (740)                                                                          | 2480* (1120*)                                                                       | 1460 (660)                                                                          | 1330 (600)                                                                          | 18.75' (5.72 m) |
| Ground Level                                             |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 7490*                                                                             | 3710                                                                              | 3300                                                                              | 4860*                                                                             | 2420                                                                              | 2190                                                                              | 3420*                                                                               | 1800                                                                                | 1640                                                                                | 2700*                                                                               | 1500                                                                                | 1360                                                                                | 18.27'          |
| -5' (-1.0 m)                                             | 4370* (1980*)                                                                     | 4370* (1980*)                                                                     | 4370* (1980*)                                                                     | 5700* (2580*)                                                                     | 5700* (2580*)                                                                     | 5700* (2580*)                                                                     | 7450* (3380*)                                                                     | 3660 (1660)                                                                       | 3250 (1480)                                                                       | 4950* (2240*)                                                                     | 2380 (1080)                                                                       | 2140 (970)                                                                        | 3660* (1610*)                                                                       | 1750 (790)                                                                          | 1590 (720)                                                                          | 3190* (1450*)                                                                       | 1660 (750)                                                                          | 1510 (680)                                                                          | 16.99' (5.18 m) |
| -10' (-2.0 m)                                            | 7440* (3380*)                                                                     | 7440* (3380*)                                                                     | 7440* (3380*)                                                                     | 10230* (4640*)                                                                    | 7730 (3510)                                                                       | 6540 (2970)                                                                       | 6440* (2920*)                                                                     | 3710 (1680)                                                                       | 3290 (1490)                                                                       | 4260* (1930*)                                                                     | 2400 (1080)                                                                       | 2170 (980)                                                                        | 3540*                                                                               | 1740                                                                                | 1580                                                                                | 3280* (1490*)                                                                       | 2070 (940)                                                                          | 1880 (850)                                                                          | 14.7' (4.48 m)  |
| -15' (-3.0 m)                                            |                                                                                   |                                                                                   |                                                                                   | 6040* (2740*)                                                                     | 6040* (2740*)                                                                     | 6040* (2740*)                                                                     | 3430* (1550*)                                                                     | 3430* (1550*)                                                                     | 3430* (1550*)                                                                     |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     | 2870* (1300*)                                                                       | 2870* (1300*)                                                                       | 2870* (1300*)                                                                       | 10.46' (3.19 m) |

A Distance from center of rotation  
B Height

NOTE: Lifting capacities are in compliance with SAE 1097 and ISO 10567. Machine in lifting mode with power boost turned on. Load point is the end of the arm. Rated loads shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities. Rated loads marked with an asterisk (\*) are limited by hydraulic capacities. The least stable position is over the side. The total mass of machine includes the mass of the boom, arm, counterweight, all operating fluids and 165 lb. (75 kg) operator.

US40/US41/US42 packages include rotating piping as standard.



# Lifting Capacity

 Rating over front       Rating over side or 360°

## DX62R-7 US31/US42

Boom: 9' 6.2" (2900 mm) | Arm: 6' 2.8" (1900 mm) | Counterweight: 1830 lb. (830 kg) | 15.7" (400 mm) Steel Shoes | Dozer Up | Bucket: None | Unit: lb. (kg)

| <div><div><div><div><div></div><div>B</div><div>(ft. or m)</div></div><div><div>A</div><div>(ft. or m)</div></div></div></div></div> | 5' (1.0 m)                                                                        |                                                                                   | 10' (2.0 m)                                                                       |                                                                                   | 15' (3.0 m)                                                                       |                                                                                   | 20' (4.0 m)                                                                       |                                                                                   | 25' (5.0 m)                                                                       |                                                                                     | Max. Reach                                                                          |                                                                                     | A               |
|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------|
|                                                                                                                                      |  |  |  |  |  |  |  |  |  |  |  |  |                 |
| 25' (5.0 m)                                                                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     | 3090 (1400)                                                                         | 2620 (1190)                                                                         | 12.48' (3.80 m) |
| 20' (4.0 m)                                                                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     | 2110 (960)                                                                          | 1800 (820)                                                                          | 15.73' (4.80 m) |
| 15' (3.0 m)                                                                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 2760* (1250*)                                                                     | 2440 (1110)                                                                       | 1980 (900)                                                                        | 1980 (760)                                                                          | 1740 (790)                                                                          | 1480 (670)                                                                          | 17.60' (5.37 m) |
| 10' (2.0 m)                                                                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 4310* (1950*)                                                                     | 3640 (1650)                                                                       | 2760 (1250)                                                                       | 2330 (1060)                                                                       | 1930 (880)                                                                        | 1640 (740)                                                                          | 1570 (710)                                                                          | 1330 (600)                                                                          | 18.55' (5.65 m) |
| 5' (1.0 m)                                                                                                                           |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 4040 (1830)                                                                       | 3330 (1510)                                                                       | 2620 (1190)                                                                       | 2220 (1000)                                                                       | 1870 (850)                                                                        | 1580 (720)                                                                          | 1520 (690)                                                                          | 1280 (580)                                                                          | 18.76' (5.72 m) |
| Ground Level                                                                                                                         |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 3850 (1750)                                                                       | 3150 (1430)                                                                       | 2510 (1140)                                                                       | 2100 (950)                                                                        | 1820 (830)                                                                        | 1530 (700)                                                                          | 1560 (710)                                                                          | 1310 (600)                                                                          | 18.28' (5.57 m) |
| -5' (-1.0 m)                                                                                                                         | 4370* (1980*)                                                                     | 4370* (1980*)                                                                     | 5700* (2580*)                                                                     | 5700* (2580*)                                                                     | 3800 (1720)                                                                       | 3110 (1410)                                                                       | 2470 (1120)                                                                       | 2060 (930)                                                                        | 1810 (820)                                                                        | 1520 (690)                                                                          | 1730 (780)                                                                          | 1450 (660)                                                                          | 17.00' (5.18 m) |
| -10' (-2.0 m)                                                                                                                        | 7440* (3380*)                                                                     | 7440* (3380*)                                                                     | 8000 (3630)                                                                       | 6150 (2790)                                                                       | 3840 (1740)                                                                       | 3150 (1430)                                                                       | 2490 (1130)                                                                       | 2080 (950)                                                                        |                                                                                   |                                                                                     | 2150 (970)                                                                          | 1810 (820)                                                                          | 14.70' (4.48 m) |
| -15' (-3.0 m)                                                                                                                        |                                                                                   |                                                                                   | 6040* (2740*)                                                                     | 6040* (2740*)                                                                     | 3430* (1550*)                                                                     | 3320 (1500)                                                                       |                                                                                   |                                                                                   |                                                                                   |                                                                                     | 2830* (1280*)                                                                       | 2830* (1280*)                                                                       | 10.42' (3.18 m) |

## DX62R-7 US31/US42

Boom: 9' 6.2" (2900 mm) | Arm: 6' 2.8" (1900 mm) | Counterweight: 1830 lb (830 kg) | 15.7" (400 mm) Steel Shoes | Dozer Down | Bucket: None | Unit: lb (kg)

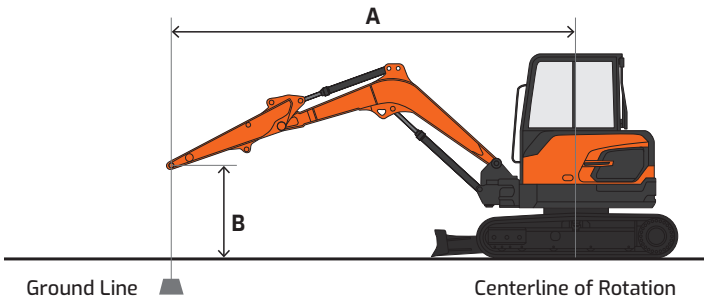
| <div><div><div><div><div></div><div>B</div><div>(ft. or m)</div></div><div><div>A</div><div>(ft. or m)</div></div></div></div></div> | 5' (1.0 m)                                                                        |                                                                                   | 10' (2.0 m)                                                                       |                                                                                   | 15' (3.0 m)                                                                       |                                                                                   | 20' (4.0 m)                                                                       |                                                                                   | 25' (5.0 m)                                                                       |                                                                                     | Max. Reach                                                                          |                                                                                     | A               |
|--------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----------------|
|                                                                                                                                      |  |  |  |  |  |  |  |  |  |  |  |  |                 |
| 25' (5.0 m)                                                                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     | 3140* (1430*)                                                                       | 3140* (1430*)                                                                       | 12.48' (3.80 m) |
| 20' (4.0 m)                                                                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     | 2630* (1190*)                                                                       | 2270 (1030)                                                                         | 15.73' (4.80 m) |
| 15' (3.0 m)                                                                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 2760* (1250*)                                                                     | 2760* (1250*)                                                                     | 2850* (1290*)                                                                     | 2130 (970)                                                                          | 2410* (1090*)                                                                       | 1880 (850)                                                                          | 17.60' (5.37 m) |
| 10' (2.0 m)                                                                                                                          |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 4310* (1950*)                                                                     | 4310* (1950*)                                                                     | 3440* (1560*)                                                                     | 2960 (1340)                                                                       | 3080* (1400*)                                                                     | 2090 (950)                                                                          | 2360* (1070*)                                                                       | 1710 (770)                                                                          | 18.55' (5.65 m) |
| 5' (1.0 m)                                                                                                                           |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 6420* (2910*)                                                                     | 4340 (1970)                                                                       | 4270* (1940*)                                                                     | 2820 (1280)                                                                       | 3420* (1550*)                                                                     | 2030 (920)                                                                          | 2440* (1110*)                                                                       | 1650 (750)                                                                          | 18.76' (5.72 m) |
| Ground Level                                                                                                                         |                                                                                   |                                                                                   |                                                                                   |                                                                                   | 7490* (3400*)                                                                     | 4150 (1880)                                                                       | 4860* (2220*)                                                                     | 2720 (1230)                                                                       | 3660* (1660*)                                                                     | 1980 (900)                                                                          | 2660* (1210*)                                                                       | 1690 (770)                                                                          | 18.28' (5.57 m) |
| -5' (-1.0 m)                                                                                                                         | 4370* (1980*)                                                                     | 4370* (1980*)                                                                     | 5700* (2580*)                                                                     | 5700* (2580*)                                                                     | 7450* (3380*)                                                                     | 4110 (1860)                                                                       | 4950* (2240*)                                                                     | 2670 (1210)                                                                       | 3540* (1610*)                                                                     | 1960 (890)                                                                          | 3130* (1420*)                                                                       | 1870 (850)                                                                          | 17.00' (5.18 m) |
| -10' (-2.0 m)                                                                                                                        | 7440* (3380*)                                                                     | 7440* (3380*)                                                                     | 10230* (4640*)                                                                    | 8590 (3890)                                                                       | 6440* (2920*)                                                                     | 4150 (1880)                                                                       | 4260* (1930*)                                                                     | 2700 (1230)                                                                       |                                                                                   |                                                                                     | 3260* (1480*)                                                                       | 2330 (1060)                                                                         | 14.70' (4.48 m) |
| -15' (-3.0 m)                                                                                                                        |                                                                                   |                                                                                   | 6040* (2740*)                                                                     | 6040* (2740*)                                                                     | 3430* (1550*)                                                                     | 3430* (1550*)                                                                     |                                                                                   |                                                                                   |                                                                                   |                                                                                     | 2830* (1280*)                                                                       | 2830* (1280*)                                                                       | 10.42' (3.18 m) |

A Distance from center of rotation

B Height

NOTE: Lifting capacities are in compliance with SAE 1097 and ISO 10567. Machine in lifting mode with power boost turned on. Load point is the end of the arm. Rated loads shown do not exceed 75% of minimum tipping loads or 87% of hydraulic capacities. Rated loads marked with an asterisk (\*) are limited by hydraulic capacities. The least stable position is over the side. The total mass of machine includes the mass of the boom, arm, counterweight, all operating fluids and 165 lb. (75 kg) operator.

US40/US41/US42 packages include rotating piping as standard.



Standard & Optional Equipment

| Standard Base Package, US20

■ Standard      ● Optional

Engine

|                                  |   |
|----------------------------------|---|
| Emissions (EPA), T4f             | ■ |
| Direct fuel injected             | ■ |
| Fuel filter with water separator | ■ |
| Coolant recovery tank            | ■ |
| Dual element dry-type air filter | ■ |
| Electronic engine control (ECU)  | ■ |
| Auto preheat cold start assist   | ■ |
| Auto idle                        | ■ |
| Overheat engine protection       | ■ |

Hydraulic

|                                                      |   |
|------------------------------------------------------|---|
| Variable axial piston main pump                      | ■ |
| Load-sensing pump control                            | ■ |
| Pilot-operated control valves                        | ■ |
| Axial piston swing motor                             | ■ |
| Spring-applied hydraulic release brake               | ■ |
| Axial piston travel motor (high/low, auto)           | ■ |
| Auxiliary hydraulics, two-way                        | ■ |
| Adjustable auxiliary flow, 10 presets                | ■ |
| Adjustable auxiliary 1 pressure valve (after-market) | ● |

Electrical

|                                       |   |
|---------------------------------------|---|
| Alternator — 12 V, 90 A               | ■ |
| 12 V battery, 900 CCA @ 0° F (-18° C) | ■ |
| Lights: cabin (1), boom (1)           | ■ |
| Additional lighting                   | ● |
| Rotating beacon                       | ● |
| Hour meter                            | ■ |
| Laptop service port                   | ■ |
| Self-diagnostics system               | ■ |

Cabin

|                                                                                                                       |   |
|-----------------------------------------------------------------------------------------------------------------------|---|
| Steel, all-weather & sound suppressed                                                                                 | ■ |
| ROPS/TOPS                                                                                                             | ■ |
| Front window with wiper/washer                                                                                        | ■ |
| Tinted safety glass                                                                                                   | ■ |
| Pull-up type front window                                                                                             | ■ |
| Lockable doors                                                                                                        | ■ |
| Seat <ul style="list-style-type: none"><li>- 2" (51 mm) seat belt</li><li>- Adjustable height &amp; recline</li></ul> | ■ |
| Adjustable armrests                                                                                                   | ■ |
| Air conditioner with heater                                                                                           | ■ |
| Instrumentation panel, digital                                                                                        | ● |
| Speakers (2)                                                                                                          | ■ |
| Power socket, 12 V                                                                                                    | ■ |
| Interior light                                                                                                        | ■ |
| Storage for operator's manuals                                                                                        | ■ |

Controls

|                                                                                                                                                                                                                                                                                                                                                                                                                              |   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| Joystick controls <ul style="list-style-type: none"><li>- Two hydraulic joysticks control boom, arm, bucket &amp; slew functions</li><li>- Thumb buttons control auxiliary hydraulics &amp; boom swing</li></ul>                                                                                                                                                                                                             | ■ |
| Blade control lever                                                                                                                                                                                                                                                                                                                                                                                                          | ■ |
| Pattern control change valve (SAE, ISO)                                                                                                                                                                                                                                                                                                                                                                                      | ■ |
| Engine speed control dial                                                                                                                                                                                                                                                                                                                                                                                                    | ■ |
| Travel pedals with hand levers                                                                                                                                                                                                                                                                                                                                                                                               | ■ |
| Switches, console-mounted <ul style="list-style-type: none"><li>- Starter switch (key)</li><li>- Heater/AC control panel</li><li>- Boom swing switch</li><li>- Rotating beacon (if equipped)</li><li>- 12 V power socket &amp; USB charger</li><li>- Keypad buttons</li><li>- Overload warning</li><li>- Travel/swing alarm</li><li>- Light</li><li>- Work lights</li><li>- Wiper &amp; washer</li><li>- Auto idle</li></ul> | ■ |
| Emergency stop switch                                                                                                                                                                                                                                                                                                                                                                                                        | ■ |

Display Monitor & Warnings

|                                                                                                                                                                                                                                                                                                                                                                                                                         |   |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|
| Buzzer <ul style="list-style-type: none"><li>- Engine oil pressure</li><li>- Coolant temperature</li></ul>                                                                                                                                                                                                                                                                                                              | ■ |
| Touch screen display monitor <ul style="list-style-type: none"><li>- Digital clock</li><li>- Menu select button</li><li>- Back button</li><li>- Fuel gauge</li><li>- Engine coolant temperature</li><li>- Hydraulic oil temperature</li><li>- Mode</li><li>- Tachometer</li><li>- Operating mode/flow setting selector</li></ul>                                                                                        | ■ |
| Indicator lights <ul style="list-style-type: none"><li>- Air filter restriction indicator</li><li>- Engine check warning light</li><li>- Hydraulic oil warning</li><li>- Fuel warning</li><li>- Auto idle indicator</li><li>- Auxiliary flow mode indicator</li><li>- Engine oil pressure light with audible alarm</li><li>- Preheat (cold start assist) indicator</li><li>- Two-speed travel indicator light</li></ul> | ■ |
| Travel alarm                                                                                                                                                                                                                                                                                                                                                                                                            | ■ |

Undercarriage

|                                              |   |
|----------------------------------------------|---|
| Track rollers, upper                         | 1 |
| Track rollers, lower                         | 5 |
| Rubber tracks — 400 mm                       | ■ |
| Shoes, steel grouser — 400 mm (39 each side) | ● |

Other

|                                                                                                                             |   |
|-----------------------------------------------------------------------------------------------------------------------------|---|
| Centralized lubrication <ul style="list-style-type: none"><li>- Swing pinion</li><li>- Swing bearing</li></ul>              | ■ |
| Dozer blade                                                                                                                 | ■ |
| Manuals <ul style="list-style-type: none"><li>- Operation</li><li>- AEM Safety Manual</li></ul>                             | ■ |
| Vandalism protection <ul style="list-style-type: none"><li>- Lockable panels</li><li>- Lockable fluid fill points</li></ul> | ■ |
| MY DEVELON (telematics)                                                                                                     | ■ |

Certain specification(s) are based on engineering calculations and are not actual measurements. Specification(s) are provided for comparison purposes only and are subject to change without notice. Specification(s) for your individual DEVELON equipment will vary based on normal variations in design, manufacturing, operating conditions, and other factors. Pictures of DEVELON units may show other than standard equipment.

# Powered by Innovation

# DEVELON

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DX62R-7 Mini Excavator Spec Sheet  
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