

**ENGINE**

|                                         |                                                                                                                        |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Model                                   | Isuzu AM-4JJ1X<br>Cooled EGR                                                                                           |
| Emissions Certification                 | Tier 4 Interim                                                                                                         |
| Fuel                                    | Requires ultra low-sulfur fuel<br>B5 biodiesel tolerant                                                                |
| Type                                    | Water-cooled, 4-cycle,<br>high pressure common rail system<br>Turbo-charged with air cooled<br>intercooler, DPD system |
| Cylinders                               | 4-cylinder in-line                                                                                                     |
| Displacement                            | 183 in <sup>3</sup> (3 L)                                                                                              |
| Bore/Stroke                             | 4 x 4 in<br>(95.4 x 104.9 mm)                                                                                          |
| Fuel injection                          | Direct injection – electronic                                                                                          |
| Fuel filter                             | Replaceable,<br>full flow spin-on cartridge                                                                            |
| Air filter                              | Dry type element<br>w/ warning restriction indicator                                                                   |
| Oil filter                              | Replaceable,<br>full flow spin-on cartridge                                                                            |
| Engine gradeability:                    |                                                                                                                        |
| Side-to-side                            | 35°                                                                                                                    |
| Fore and aft                            | 35°                                                                                                                    |
| Net horsepower – SAE J1349 @ 2200 RPM:  | 124 hp (92.2 kW)                                                                                                       |
| Net max. torque – SAE J1349 @ 1800 RPM: | 288 lbf-ft (391 N-m)                                                                                                   |
| Cooling operating range:                | 109° to -13°F (43° to -25°C)                                                                                           |
| Oil                                     | Requires low-ash oil CJ-4                                                                                              |

**DRIVETRAIN**

|                     |                                              |
|---------------------|----------------------------------------------|
| Travel control      | Dual stage relief/<br>counter balance design |
| Brakes              | Mechanical disc                              |
| Service brakes      | SAHR disc – each motor                       |
| Two speed travel:   |                                              |
| Max. high speed     | 3.4 mph (5.4 kph)                            |
| Max. low speed      | 1.7 mph (2.8 kph)                            |
| Automatic downshift |                                              |
| Drawbar pull        | 36,194 lbf (161 kN)                          |
| Gradeability        | 70% – 35° slope                              |

**ELECTRICAL**

|                          |              |
|--------------------------|--------------|
| Voltage                  | 24 Volts     |
| Alternator rating        | 50 amp       |
| Batteries                | 2 x 12 Volt  |
| Battery Reserve Capacity | 92 Ah/5 hour |
| Work lights              | 24 Volt      |
| 1 boom                   | 70 watt      |
| 1 upper                  | 70 watt      |
| 2 cab                    | 70 watt      |

**OPERATOR ENVIRONMENT**

|                                  |                |
|----------------------------------|----------------|
| Air conditioner output           | 18,100 BTU/hr  |
| Heater output                    | 20,150 BTU/hr  |
| Sound level inside cab – ISO6395 | 70 dBA         |
| Electrical outlet                | 12 Volt        |
| Cab interior light               | 10 watt        |
| Rear-view camera                 | Standard       |
| Seat                             | Air-suspension |

**ATTACHMENT**

|                       |                        |
|-----------------------|------------------------|
| Boom                  | 16 ft 11 in (5 150 mm) |
| Arm                   | 8 ft 7 in (2 620 mm)   |
| Bucket digging force* | 25,178 lbf (112 kN)    |
| w/ Auto Power-Boost   | 26,527 lbf (118 kN)    |

\*Digging force ratings based on ISO6015

**OPERATING WEIGHT**

|                  |                       |
|------------------|-----------------------|
| Operating weight | 36,300 lb (16 465 kg) |
| w/ shoes         | 2 ft 0 in (600 mm)    |
| w/ boom          | 16 ft 11 in (5 150 m) |
| w/ arm           | 8 ft 7 in (2 620 m)   |
| w/ bucket        | 1,067 lb (484 kg)     |
| w/ counterweight | 6,945 lb (3 150 kg)   |

NOTE: w/ operator/full fuel/standard equipment

**GROUND PRESSURE**

|                                               |                    |
|-----------------------------------------------|--------------------|
| @ Standard operating weight                   | 5.9 psi (0.41 bar) |
| w/ 23.6 in (600 mm) triple semi-grouser shoes |                    |

**HYDRAULICS**

|                                                              |                                             |
|--------------------------------------------------------------|---------------------------------------------|
| System design                                                | Open center                                 |
| Main pumps                                                   | Two variable displacement/<br>axial pistons |
| Max. rated flow                                              | 37.5 gpm (142 L/min)                        |
| System pressures:                                            |                                             |
| Boom, arm & bucket                                           | 4,975 psi (343 bar)                         |
| w/ Power Boost                                               | 5,265 psi (363 bar)                         |
| Travel circuits                                              | 4,975 psi (343 bar)                         |
| Swing circuits                                               | 4,047 psi (279 bar)                         |
| Pilot pump                                                   | 1 x gear design                             |
| Max. capacity                                                | 5.3 gpm (20 L/min)                          |
| Controls                                                     | w/ boom/arm holding valve                   |
| Right track travel,<br>bucket, boom and<br>arm acceleration. | Four-spool section                          |
| Left track travel,<br>bucket, boom and<br>arm acceleration.  | Five-spool section                          |

**HYDRAULICS (cont.)**

|                      |                                                     |
|----------------------|-----------------------------------------------------|
| Work mode selections | SP: Speed Priority<br>H: Heavy Duty<br>A: Automatic |
| Swing motor          | Fixed displacement axial piston                     |
| Swing final drive    | Planetary gear reduction                            |
| Travel motor         | Two-speed independent<br>travel/axial piston        |

**HYDRAULIC CYLINDERS**

|                       |                    |
|-----------------------|--------------------|
| Boom cylinders        | Two (2)            |
| Cylinder bore         | 4.5 in (115 mm)    |
| Cylinder rod diameter | 3.1 in (80 mm)     |
| Cylinder stroke       | 46.4 in (1 179 mm) |
| Arm cylinder          | One (1)            |
| Cylinder bore         | 4.9 in (125 mm)    |
| Cylinder rod diameter | 3.5 in (90 mm)     |
| Cylinder stroke       | 50.4 in (1 280 mm) |
| Bucket cylinder       | One (1)            |
| Cylinder bore         | 4.1 in (105 mm)    |
| Cylinder rod diameter | 3.0 in (75 mm)     |
| Cylinder stroke       | 39.8 in (1 010 mm) |

**SERVICE CAPACITIES**

|                      |                |
|----------------------|----------------|
| Fuel tank            | 79 gal (300 L) |
| Hydraulic system     | 44 gal (165 L) |
| Hydraulic tank       | 24 gal (90 L)  |
| Engine oil w/ filter | 4 gal (17 L)   |
| Swing drive          | 5.3 qt (5 L)   |
| Final drive          | 6.1 qt (5.8 L) |
| Cooling system       | 4 gal (16.2 L) |

**OTHER SPECIFICATIONS**

|                        |                            |
|------------------------|----------------------------|
| Swing speed            | 0 – 11.5 RPM               |
| Swing torque           | 33,264 lb-ft (45,100 N-m)  |
| Swing brake            | Mechanical disc            |
| Undercarriage:         |                            |
| Length                 | 13 ft 1 in (3 990 mm)      |
| Track gauge            | 6 ft 6 in (1 990 mm)       |
| Carrier rollers        | 2                          |
| Track rollers          | 7                          |
| Shoes – Triple grouser | 44                         |
| Shoe width – std.      | 2 ft 0 in (600 mm)         |
| Link pitch             | 8 in (190 mm)              |
| Track:                 |                            |
| Chain                  | Grease lubricated/strutted |
| Guides                 | Single                     |
| Adjustment             | Hydraulic                  |

## LIFT CAPACITIES WITH BUCKET

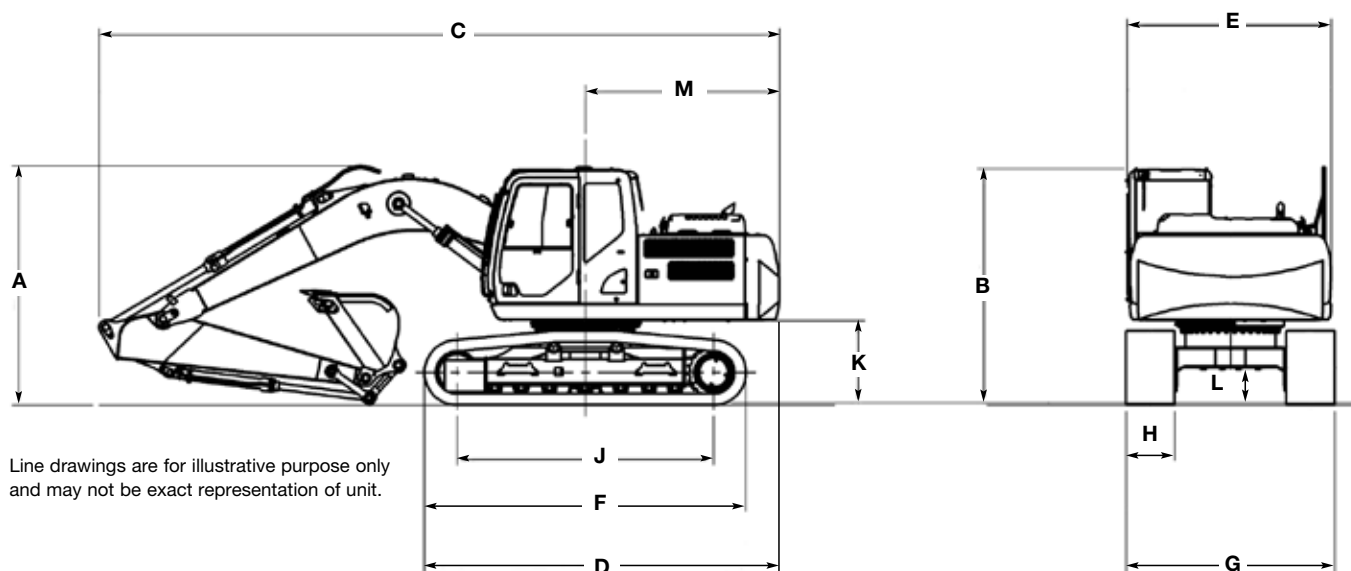
**8 ft 7 in (2.62 m) Arm** Lift capacities calculated using a 1,050 lb (476 kg) bucket, 6,943 lb (3 150 kg) counterweight.

| Load<br>(Lift Point<br>Height) | 5 ft<br>(1.5 m)          |                          | 10 ft<br>(3 m)           |                         | 15 ft<br>(4.5 m)        |                         | 20 ft<br>(6 m)          |                        | 25 ft<br>(7.5 m)       |                        | MAXIMUM REACH           |                         |                        |
|--------------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|------------------------|
|                                | END                      | SIDE                     | END                      | SIDE                    | END                     | SIDE                    | END                     | SIDE                   | END                    | SIDE                   | @                       | END                     | SIDE                   |
| <b>+25 ft<br/>(7.5 m)</b>      |                          |                          |                          |                         |                         |                         | 5,150 lb<br>(2 336 kg)  | 5,150 lb<br>(2 336 kg) |                        |                        | 21 ft 0 in<br>(6.40 m)  | 3,650 lb<br>(1 656 kg)  | 3,650 lb<br>(1 656 kg) |
| <b>+20 ft<br/>(6 m)</b>        |                          |                          |                          |                         |                         |                         | 7,100 lb<br>(3 221 kg)  | 7,100 lb<br>(3 221 kg) |                        |                        | 25 ft 0 in<br>(7.62 m)  | 3,300 lb<br>(1 497 kg)  | 3,300 lb<br>(1 497 kg) |
| <b>+15 ft<br/>(4.5 m)</b>      |                          |                          |                          |                         |                         |                         | 9,200 lb<br>(4 173 kg)  | 7,000 lb<br>(3 175 kg) | 6,750 lb<br>(3 062 kg) | 4,650 lb<br>(2 109 kg) | 27 ft 4 in<br>(8.33 m)  | 3,200 lb<br>(1 451 kg)  | 3,200 lb<br>(1 451 kg) |
| <b>+10 ft<br/>(3 m)</b>        |                          |                          | 18,500 lb<br>(8 391 kg)  | 18,500 lb<br>(8 391 kg) | 13,350 lb<br>(6 055 kg) | 10,450 lb<br>(4 740 kg) | 10,400 lb<br>(4 717 kg) | 6,600 lb<br>(2 994 kg) | 7,150 lb<br>(3 243 kg) | 4,500 lb<br>(2 041 kg) | 28 ft 5 in<br>(8.66 m)  | 3,250 lb<br>(1 474 kg)  | 3,250 lb<br>(1 474 kg) |
| <b>+5 ft<br/>(1.5 m)</b>       |                          |                          | 21,350 lb<br>(9 684 kg)  | 17,600 lb<br>(7 983 kg) | 15,900 lb<br>(7 212 kg) | 9,600 lb<br>(4 354 kg)  | 9,950 lb<br>(4 513 kg)  | 6,150 lb<br>(2 790 kg) | 6,950 lb<br>(3 152 kg) | 4,250 lb<br>(1 928 kg) | 28 ft 7 in<br>(8.71 m)  | 3,450 lb<br>(1 565 kg)  | 3,350 lb<br>(1 520 kg) |
| <b>Groundline</b>              |                          |                          | 17,200 lb<br>(7 802 kg)  | 16,250 lb<br>(7 371 kg) | 15,150 lb<br>(6 872 kg) | 8,950 lb<br>(4 060 kg)  | 9,550 lb<br>(4 332 kg)  | 5,800 lb<br>(2 631 kg) | 6,750 lb<br>(3 062 kg) | 4,100 lb<br>(1 860 kg) | 27 ft 8 in<br>(8.43 m)  | 3,850 lb<br>(1 746 kg)  | 3,450 lb<br>(1 565 kg) |
| <b>-5 ft<br/>(-1.5 m)</b>      | 13,450 lb<br>(6 101 kg)  | 13,450 lb<br>(6 101 kg)  | 21,950 lb<br>(9 956 kg)  | 16,450 lb<br>(7 462 kg) | 14,850 lb<br>(6 736 kg) | 8,700 lb<br>(3 946 kg)  | 9,400 lb<br>(4 264 kg)  | 5,650 lb<br>(2 563 kg) | 6,700 lb<br>(3 039 kg) | 4,050 lb<br>(1 837 kg) | 25 ft 10 in<br>(7.87 m) | 4,550 lb<br>(2 064 kg)  | 3,850 lb<br>(1 746 kg) |
| <b>-10 ft<br/>(-3 m)</b>       | 19,550 lb<br>(8 868 kg)  | 19,550 lb<br>(8 868 kg)  | 28,000 lb<br>(12 701 kg) | 16,750 lb<br>(7 598 kg) | 14,950 lb<br>(6 781 kg) | 8,800 lb<br>(3 992 kg)  | 9,500 lb<br>(4 309 kg)  | 5,800 lb<br>(2 631 kg) |                        |                        | 22 ft 8 in<br>(6.91 m)  | 6,000 lb<br>(2 722 kg)  | 4,750 lb<br>(2 155 kg) |
| <b>-15 ft<br/>(-4.5 m)</b>     | 28,400 lb<br>(12 882 kg) | 28,400 lb<br>(12 882 kg) | 22,600 lb<br>(10 251 kg) | 17,400 lb<br>(7 893 kg) | 15,100 lb<br>(6 849 kg) | 9,350 lb<br>(4 241 kg)  |                         |                        |                        |                        | 17 ft 10 in<br>(5.44 m) | 10,550 lb<br>(4 785 kg) | 7,000 lb<br>(3 175 kg) |

**10 ft 0 in (3.04 m) Arm** Lift capacities calculated using a 950 lb (431 kg) bucket, 6,943 lb (3 150 kg) counterweight.

| Load<br>(Lift Point<br>Height) | 0 ft<br>(0 m)           |                         | 5 ft<br>(1.5 m)          |                          | 10 ft<br>(3 m)           |                         | 15 ft<br>(4.5 m)        |                         | 20 ft<br>(6 m)          |                        | 25 ft<br>(7.5 m)       |                        | MAXIMUM REACH           |                        |                        |
|--------------------------------|-------------------------|-------------------------|--------------------------|--------------------------|--------------------------|-------------------------|-------------------------|-------------------------|-------------------------|------------------------|------------------------|------------------------|-------------------------|------------------------|------------------------|
|                                | END                     | SIDE                    | END                      | SIDE                     | END                      | SIDE                    | END                     | SIDE                    | END                     | SIDE                   | END                    | SIDE                   | @                       | END                    | SIDE                   |
| <b>+25 ft<br/>(7.5 m)</b>      |                         |                         |                          |                          |                          |                         |                         |                         | 4,850 lb<br>(2 200 kg)  | 4,850 lb<br>(2 200 kg) |                        |                        | 22 ft 7 in<br>(6.88 m)  | 3,400 lb<br>(1 542 kg) | 3,400 lb<br>(1 542 kg) |
| <b>+20 ft<br/>(6 m)</b>        |                         |                         |                          |                          |                          |                         |                         |                         | 6,550 lb<br>(2 971 kg)  | 6,550 lb<br>(2 971 kg) | 4,800 lb<br>(2 177 kg) | 4,800 lb<br>(2 177 kg) | 26 ft 4 in<br>(8.03 m)  | 3,100 lb<br>(1 406 kg) | 3,100 lb<br>(1 406 kg) |
| <b>+15 ft<br/>(4.5 m)</b>      |                         |                         |                          |                          |                          |                         |                         |                         | 8,400 lb<br>(3 810 kg)  | 7,150 lb<br>(3 243 kg) | 6,550 lb<br>(2 971 kg) | 4,750 lb<br>(2 155 kg) | 28 ft 6 in<br>(8.69 m)  | 3,050 lb<br>(1 383 kg) | 3,050 lb<br>(1 383 kg) |
| <b>+10 ft<br/>(3 m)</b>        |                         |                         |                          |                          | 16,350 lb<br>(7 416 kg)  | 16,350 lb<br>(7 416 kg) | 12,200 lb<br>(5 534 kg) | 10,700 lb<br>(4 853 kg) | 10,150 lb<br>(4 604 kg) | 6,700 lb<br>(3 039 kg) | 7,250 lb<br>(3 289 kg) | 4,550 lb<br>(2 064 kg) | 29 ft 7 in<br>(9.02 m)  | 3,150 lb<br>(1 429 kg) | 3,150 lb<br>(1 429 kg) |
| <b>+5 ft<br/>(1.5 m)</b>       |                         |                         |                          |                          | 24,150 lb<br>(10 954 kg) | 18,150 lb<br>(8 233 kg) | 15,900 lb<br>(7 212 kg) | 9,750 lb<br>(4 423 kg)  | 10,050 lb<br>(4 559 kg) | 6,250 lb<br>(2 835 kg) | 7,000 lb<br>(3 175 kg) | 4,300 lb<br>(1 950 kg) | 29 ft 8 in<br>(9.04 m)  | 3,350 lb<br>(1 520 kg) | 3,150 lb<br>(1 429 kg) |
| <b>Groundline</b>              |                         |                         | 7,250 lb<br>(3 289 kg)   | 7,250 lb<br>(3 289 kg)   | 19,350 lb<br>(8 777 kg)  | 16,550 lb<br>(7 507 kg) | 15,200 lb<br>(6 895 kg) | 9,000 lb<br>(4 082 kg)  | 9,600 lb<br>(4 354 kg)  | 5,850 lb<br>(2 654 kg) | 6,750 lb<br>(3 062 kg) | 4,100 lb<br>(1 860 kg) | 28 ft 10 in<br>(8.79 m) | 3,750 lb<br>(1 701 kg) | 3,250 lb<br>(1 474 kg) |
| <b>-5 ft<br/>(-1.5 m)</b>      | 10,300 lb<br>(4 672 kg) | 10,300 lb<br>(4 672 kg) | 12,700 lb<br>(5 761 kg)  | 12,700 lb<br>(5 761 kg)  | 22,000 lb<br>(9 979 kg)  | 16,250 lb<br>(7 371 kg) | 14,800 lb<br>(6 713 kg) | 8,650 lb<br>(3 924 kg)  | 9,350 lb<br>(4 241 kg)  | 5,650 lb<br>(2 563 kg) | 6,650 lb<br>(3 016 kg) | 4,000 lb<br>(1 814 kg) | 27 ft 1 in<br>(8.26 m)  | 4,450 lb<br>(2 018 kg) | 3,550 lb<br>(1 610 kg) |
| <b>-10 ft<br/>(-3 m)</b>       | 13,750 lb<br>(6 237 kg) | 13,750 lb<br>(6 237 kg) | 17,950 lb<br>(8 142 kg)  | 17,950 lb<br>(8 142 kg)  | 28,850 lb<br>(13 086 kg) | 16,500 lb<br>(7 484 kg) | 14,800 lb<br>(6 713 kg) | 8,700 lb<br>(3 946 kg)  | 9,400 lb<br>(4 264 kg)  | 5,650 lb<br>(2 563 kg) |                        |                        | 24 ft 1 in<br>(7.34 m)  | 5,800 lb<br>(2 631 kg) | 4,300 lb<br>(1 950 kg) |
| <b>-15 ft<br/>(-4.5 m)</b>     |                         |                         | 28,300 lb<br>(12 837 kg) | 28,300 lb<br>(12 837 kg) | 24,650 lb<br>(11 181 kg) | 17,050 lb<br>(7 734 kg) | 15,100 lb<br>(6 849 kg) | 9,050 lb<br>(4 105 kg)  |                         |                        |                        |                        | 19 ft 7 in<br>(5.97 m)  | 9,300 lb<br>(4 218 kg) | 6,000 lb<br>(2 722 kg) |

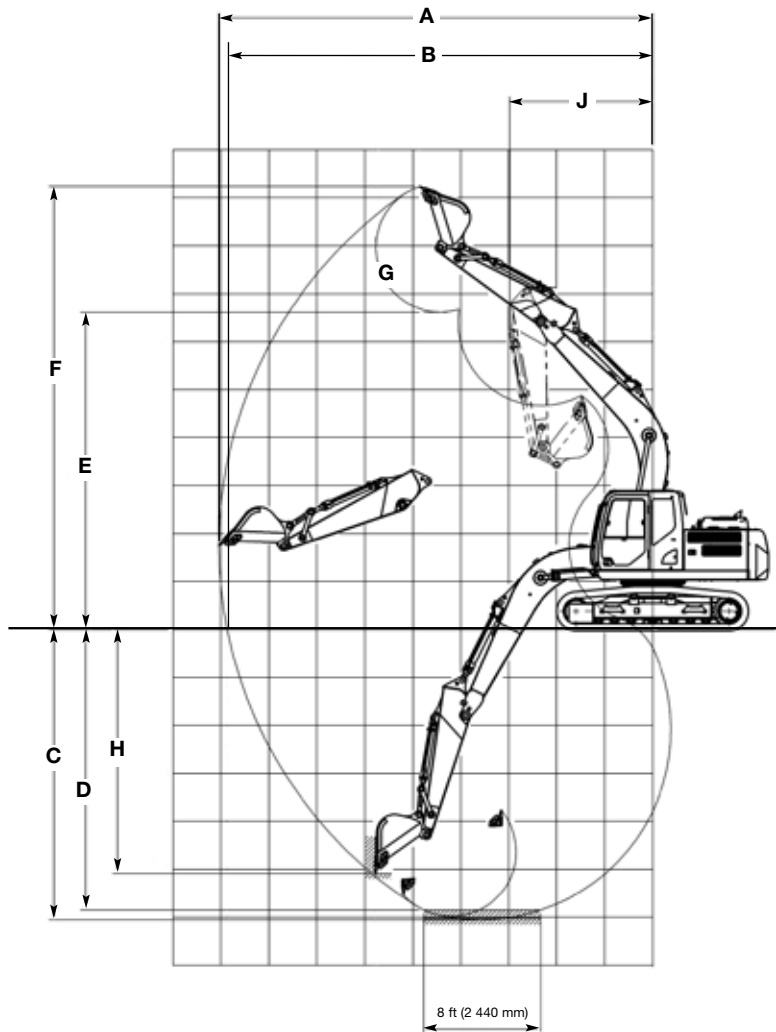
NOTE: \*Lift capacities do not exceed 75% of the minimum tipping load or 87% of the hydraulic lift capacity.  
Capacities that are marked with an asterisk are hydraulic limited.



## DIMENSIONS

|                                                           | 8 ft 7 in (2.62 m) Arm | 10 ft 0 in (3.04 m) Arm |
|-----------------------------------------------------------|------------------------|-------------------------|
| <b>A.</b> Overall height – with attachment                | 9 ft 9 in (2 970 mm)   | 10 ft 3 in (3 130 m)    |
| <b>B.</b> Cab height                                      | 9 ft 9 in (2 970 mm)   | 9 ft 9 in (2 970 m)     |
| <b>C.</b> Overall length – with attachment                | 27 ft 8 in (8 440 mm)  | 27 ft 11 in (8 500 m)   |
| <b>D.</b> Overall length – without attachment             | 14 ft 6 in (4 410 mm)  | 14 ft 6 in (4 410 m)    |
| <b>E.</b> Width of upper structure                        | 8 ft 4 in (2 540 mm)   | 8 ft 4 in (2 540 m)     |
| <b>F.</b> Track overall length                            | 13 ft 1 in (3 990 mm)  | 13 ft 1 in (3 990 m)    |
| <b>G.</b> Track overall width with 23.6 in (600 mm) shoes | 8 ft 6 in (2 590 mm)   | 8 ft 6 in (2 590 m)     |
| <b>H.</b> Track shoe width                                | 2 ft 0 in (600 mm)     | 2 ft 0 in (600 m)       |
| <b>J.</b> Center to center – idler to sprocket            | 10 ft 6 in (3 190 mm)  | 10 ft 6 in (3 190 m)    |
| <b>K.</b> Upper structure ground clearance                | 3 ft 4 in (1 020 mm)   | 3 ft 4 in (1 020 m)     |
| <b>L.</b> Minimum ground clearance                        | 1 ft 5 in (440 mm)     | 1 ft 5 in (440 m)       |
| <b>M.</b> Rear tail swing radius                          | 8 ft 0 in (2 450 mm)   | 8 ft 0 in (2 450 m)     |
| Operating weight*                                         | 36,300 lb (16 465 kg)  | 36,459 lb (16 537 kg)   |
| Ground pressure                                           | 5.9 psi (0.41 bar)     | 5.9 psi (0.41 bar)      |

NOTE: \*With 23.6 in (600 mm) track shoe, 1,067 lb (484 kg) bucket, 165 lb (75 kg) operator, full fuel and standard equipment.



## PERFORMANCE SPECS

|                                                       | 8 ft 7 in (2.62 m) Arm | 10 ft 0 in (3.04 m) Arm |
|-------------------------------------------------------|------------------------|-------------------------|
| <b>A.</b> Maximum dig radius                          | 30 ft 10 in (9 400 mm) | 30 ft 9 in (9 380 mm)   |
| <b>B.</b> Dig radius at groundline                    | 29 ft 1 in (8 870 mm)  | 30 ft 3 in (9 220 mm)   |
| <b>C.</b> Maximum dig depth                           | 19 ft 11 in (6 060 mm) | 21 ft 4 in (6 490 mm)   |
| <b>D.</b> Dig depth – 8 ft 0 in (2.44 m) level bottom | 19 ft 2 in (5 850 mm)  | 20 ft 8 in (6 290 mm)   |
| <b>E.</b> Dump height                                 | 21 ft 8 in (6 610 mm)  | 21 ft 11 in (6 690 mm)  |
| <b>F.</b> Maximum reach height                        | 30 ft 4 in (9 240 mm)  | 30 ft 6 in (9 290 mm)   |
| <b>G.</b> Bucket rotation                             | 178°                   | 178°                    |
| <b>H.</b> Maximum vertical wall dig depth             | 16 ft 8 in (5 080 mm)  | 17 ft 2 in (5 220 mm)   |
| <b>J.</b> Minimum swing radius                        | 9 ft 10 in (2 990 mm)  | 10 ft 0 in (3 050 mm)   |
| Arm digging force:                                    |                        |                         |
| Standard                                              | 17,760 lb (79 kN)      | 16,186 lb (72 kN)       |
| Power Boost                                           | 18,884 lb (84 kN)      | 17,310 lb (77 kN)       |
| Bucket digging force:                                 |                        |                         |
| Standard                                              | 25,179 lb (112 kN)     | 25,179 lb (112 kN)      |
| Power Boost                                           | 26,528 lb (118 kN)     | 26,528 lb (118 kN)      |

NOTE: \*Machine equipped with Standard Boom.

## STANDARD EQUIPMENT

### ENGINE

Isuzu four-cylinder turbo-charged diesel  
Certified Tier 4 Interim (CEGR)  
Electronic fuel injection  
High pressure common rail system  
Diesel Particulate Defuser System (DPD)  
Neutral safety start  
Auto-engine warm up  
Glow-plug pre-heat  
EPF (Engine Protection Feature)  
Dual-stage fuel filtration  
Dual element air filter  
Remote oil filter  
Green plug oil drain  
500-hour engine oil change interval  
24-volt system  
Requires CJ-4 engine oil  
Requires ultra low-sulfur fuel

### FUEL ECONOMY SYSTEMS

Engine Idle/Fuel Economy System:  
Auto-idle  
One-touch idle  
Idle shut-down  
BEC – boom economy control  
AEC – auto economy control  
SWC – swing relief control  
SSC – spool stroke control

### HYDRAULICS

Auto power boost  
Auto swing priority  
Auto travel speed change  
Selectable work modes

### HYDRAULICS (CONTINUED)

ISO pattern controls  
Pre-set auxiliary pump settings  
Auxiliary valve  
Auxiliary pipe brackets  
5000-hour hydraulic oil change interval  
1000-hour hydraulic filter change interval  
SAHR brake

### UPPER STRUCTURE

Right and left side mirrors  
Isolation mounted cab (fluid and spring)  
Common key vandal locks  
Upper mounted work light (70 watt)  
Swivel guard belly pan

### UNDERCARRIAGE

23.6 in (600 mm) steel shoes,  
triple semi-grouser  
Full overlap turntable bearing tub  
Single track chain guides  
Hydraulic track adjustment  
X-pattern carbody

### ATTACHMENT

Boom – 16 ft 11 in (5.15 m)  
Arm – 8 ft 7 in (2.62 m)  
Heavy-duty bucket linkage  
Boom mounted work light (70 watt)  
Auxiliary pipe brackets  
Centralized grease fittings  
Attachment cushion valve  
Arm and boom regeneration

### OPERATOR STATION

ROPS protection  
FOPS cab top guard (Level 1)  
Pressurized cab  
One-touch lock front window  
AC/heat/defrost w/ auto climate control  
Color monitor (7 in / 180 mm)  
Interior dome light  
Air-suspension seat (cloth)  
Seatbelt  
Adjustable armrests  
Tilting consoles – 4-position  
Low-effort joystick controls  
Sliding cockpit (7 in / 180 mm)  
Controls pre-wired for auxiliary  
Single padel travel  
Straight travel  
AM/FM radio w/ antenna and 2 speakers  
Aux-in port for personal electronics  
Rear-view camera  
Anti-theft system (start code system)  
Rubber floor mat  
12-volt electric outlet  
24-volt cigarette lighter  
External rearview mirrors  
Cab mounted work lights (2 x 70 watt)  
Windshield wiper / washer  
Clear (polycarbonate) roof window w/ sunshade  
Cup holder  
Storage compartments  
Warm/cool storage compartment  
On-board diagnostic system  
Travel alarm with cancel switch  
One key start & lock-up

### TELEMATICS

CASE SiteWatch™ Telematics – includes  
hardware and a 3-yr Advanced  
data subscription

## OPTIONAL EQUIPMENT

### HYDRAULIC

Auxiliary hydraulics:  
Single acting / joystick activated  
Double acting / joystick activated  
Multi-function / joystick activated  
Secondary low-flow / joystick activated

### ATTACHMENT

Arm – 10 ft 0 in (3.05 m)  
Coupler / Case multi-pin grabber  
Buckets: Heavy duty / Extreme duty  
Load holding control  
Free swing (order kit through Service Parts)  
Hose Burst Check Valve (HBCV)

### OPERATOR STATION

Control pattern selector  
FOPS cab top guard (Level 2)  
Front grill guard – 2 x 2 screen mesh  
Front rock guard – vertical bars  
(two piece) / OPG 1  
Front rock guard – vertical bars  
(fixed / one piece) / OPG 2  
Vandal guard  
Rain deflector  
Sun visor  
Side-view camera

### UPPER STRUCTURE

Refueling pump  
Rubber bumper guard  
(order through Service Parts)  
High ambient temperature cooling package

### UNDERCARRIAGE

27.6 in (700 mm) steel shoes,  
triple semi-grouser  
Track chain guides – triple

## BUCKETS

| Application              | Width                             | SAE Heaped Capacity                       |
|--------------------------|-----------------------------------|-------------------------------------------|
| Heavy-duty               | 18 in to 48 in (0.46 m to 1.22 m) | 0.36 yd³ to 1.12 yd³ (0.28 m³ to 0.86 m³) |
| Heavy-duty High Capacity | 18 in to 48 in (0.46 m to 1.22 m) | 0.39 yd³ to 1.28 yd³ (0.30 m³ to 0.98 m³) |
| Heavy-duty Coupler       | 18 in to 48 in (0.46 m to 1.22 m) | 0.36 yd³ to 1.12 yd³ (0.28 m³ to 0.86 m³) |
| Ditching                 | 48 in or 60 in (1.22 m or 1.52 m) | 0.79 yd³ or 1.02 yd³ (0.60 m³ or 0.78 m³) |

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NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.

NOTE: All engines meet current EPA emissions requirements.

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