**Features:**

- **Cat® GRADE with 3D** – New, optional integrated 3D grade control feature with a larger 254 mm (10 in), touchscreen display. Eliminates the need to remove components at the end of day.
- **Cat GRADE with Slope Assist** – Optional grade control feature which helps you more easily achieve the desired blade mainfall and cross slope automatically. Supports AccuGrade™ blade mounted GNSS, laser, or UTS grade control systems.
- **Slope Indicate** – Grade control feature provides you slope of blade in cross slope direction and mainfall (fore/aft) direction without having to estimate.
- **Stable Blade** – Blade control feature helps you obtain a finish grade with less operator effort.
- **Automatic Traction Control** – Traction control feature automatically reduces track slip without having to lift blade providing improved productivity and reduced undercarriage wear for lower operating costs.
- **Eco Mode** – Engine throttle settings reduce fuel consumption up to 20% to save you more money, without sacrificing performance.
- **Heated and Ventilated Seat** – Experience a new level of comfort in all climates with the new optional heated and ventilated air suspension seat.
- **Power Pitch Blade** – This option lets the operator easily adjust the blade pitch to optimize productivity.
- **Engine** – Cat C4.4 ACERT™ diesel engine meets U.S. EPA Tier 4 Final/ EU Stage IV/Japan 2014 (Tier 4 Final) emission standards.
- **Heated, Seat-Mounted Controls** – Heated joysticks (optional) offer even greater comfort in cold climates.
- **Undercarriage** – Choice of undercarriage to give you the lowest costs per hour. Select either the standard sealed and lubricated track (SALT) undercarriage or the innovative SystemOne™ undercarriage.

### Specifications

#### Engine

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine Model</td>
<td>Cat C4.4 ACERT</td>
</tr>
<tr>
<td>Rated Net Power @ 2,200 rpm</td>
<td></td>
</tr>
<tr>
<td>SAE J1349</td>
<td>77.6 kW 104 hp</td>
</tr>
<tr>
<td>ISO 9249/EEC 80/1269</td>
<td>77.6 kW 104 hp</td>
</tr>
<tr>
<td>Bore</td>
<td>105 mm 4.13 in</td>
</tr>
<tr>
<td>Stroke</td>
<td>127 mm 5 in</td>
</tr>
<tr>
<td>Displacement</td>
<td>4.4 L 269 in³</td>
</tr>
</tbody>
</table>

- Engine meets Tier 4 Final/StageIV/Japan 2014 (Tier 4 Final) emission standards.

#### Weights

| Operating Weight – XL | 9214 kg 20,313 lb |
| Operating Weight – LGP| 9522 kg 20,992 lb |
| Operating Weight – LGP, 762 mm/30 in| 9726 kg 21,442 lb |

- Specifications shown are for machine equipped with dozer blade, canopy, ROPS, back-up alarm, operator, coolant, lubricants and full fuel tank.
- Enclosed cab adds 225 kg (495 lb).

#### Cab

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sound Levels:</td>
<td></td>
</tr>
<tr>
<td>ISO 6396:2008</td>
<td>79 dBA</td>
</tr>
<tr>
<td>SAE J1186 FEB2008</td>
<td>79 dBA</td>
</tr>
<tr>
<td>ROPS</td>
<td>ISO 6396:2008</td>
</tr>
<tr>
<td>FOPS</td>
<td>ISO 3449:2005 Level II</td>
</tr>
</tbody>
</table>

#### Transmission

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drive Pumps</td>
<td>1</td>
</tr>
<tr>
<td>Track Motors</td>
<td>2</td>
</tr>
<tr>
<td>Relief Valve Settings</td>
<td>48 500 kPa 7,033 psi</td>
</tr>
<tr>
<td>Maximum Travel Speed – Forward</td>
<td>9 km/h 5.6 mph</td>
</tr>
<tr>
<td>Maximum Travel Speed – Reverse</td>
<td>10 km/h 6.2 mph</td>
</tr>
</tbody>
</table>

#### Winch

<table>
<thead>
<tr>
<th>Specification</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Weight</td>
<td>610 kg 1,345 lb</td>
</tr>
<tr>
<td>Winch Drive</td>
<td>Hydrostatic</td>
</tr>
<tr>
<td>Control</td>
<td>Hydraulic</td>
</tr>
<tr>
<td>Speed</td>
<td>Variable</td>
</tr>
<tr>
<td>Winch Length</td>
<td>705 mm 27.76 in</td>
</tr>
<tr>
<td>Overall Width</td>
<td>741 mm 29.2 in</td>
</tr>
<tr>
<td>Drum Diameter</td>
<td>254 mm 10 in</td>
</tr>
<tr>
<td>Drum Width</td>
<td>274 mm 10.8 in</td>
</tr>
<tr>
<td>Throat Clearance</td>
<td>171.5 mm 6.75 in</td>
</tr>
<tr>
<td>Rope Diameter – recommended</td>
<td>16 mm 0.63 in</td>
</tr>
<tr>
<td>Rope Diameter – optional</td>
<td>19 mm 0.75 in</td>
</tr>
<tr>
<td>Drum Capacity – recommended cable</td>
<td>113 m 371 ft</td>
</tr>
<tr>
<td>Drum Capacity – optional cable</td>
<td>78 m 256 ft</td>
</tr>
<tr>
<td>Maximum Line Pull – bare drum</td>
<td>18 144 kg 40,000 lb</td>
</tr>
<tr>
<td>Maximum Line Pull – full drum</td>
<td>11 340 kg 25,000 lb</td>
</tr>
<tr>
<td>Maximum Line Speed – bare drum</td>
<td>40 m/min 131 ft/min</td>
</tr>
<tr>
<td>Maximum Line Speed – full drum</td>
<td>63 m/min 207 ft/min</td>
</tr>
</tbody>
</table>
D5K2 Track-Type Tractor

Undercarriage

- Number of Rollers (each side): 7
- Number of Shoes (each side) – Sealed and Lubricated Track (SALT) Undercarriage: 40
- Number of Shoes (each side) – SystemOne Undercarriage: 36
- Shoe Width – XL: 510 mm (20 in)
- Shoe Width – LGP: 660 mm (26 in)
- Shoe Width – LGP, 762 mm (30 in): 762 mm (30 in)
- Length of Track on Ground – XL: 2310 mm (91 in)
- Length of Track on Ground – LGP: 2310 mm (91 in)
- Length of Track on Ground – LGP, 762 mm (30 in): 2310 mm (91 in)
- Shoe Width – LGP: 660 mm (26 in)
- Shoe Width – LGP, 762 mm (30 in): 762 mm (30 in)
- Length of Track on Ground – XL: 2310 mm (91 in)
- Length of Track on Ground – LGP: 2310 mm (91 in)
- Length of Track on Ground – LGP, 762 mm (30 in): 2310 mm (91 in)
- Shoe Width – LGP: 660 mm (26 in)
- Shoe Width – LGP, 762 mm (30 in): 762 mm (30 in)
- Length of Track on Ground – XL: 2310 mm (91 in)
- Length of Track on Ground – LGP: 2310 mm (91 in)
- Length of Track on Ground – LGP, 762 mm (30 in): 2310 mm (91 in)

Service Refill Capacities

- Fuel Tank: 195 L (51.5 gal)
- Crankcase and Filter: 11 L (2.91 gal)
- Final Drives, XL (each side): 10 L (2.6 gal)
- Final Drives, LGP (each side): 10 L (2.6 gal)
- Cooling System: 22.4 L (5.92 gal)
- Transmission/Hydraulic Tank: 59.5 L (15.7 gal)
- Diesel Exhaust Fluid (DEF) Tank: 19 L (4.9 gal)

Hydraulic Controls

- Pump Output: 68.0 L/min (17.7 gal/min)
- Relief Valve Settings: 20 600 kPa (2,988 psi)

Ripper

- Type: Parallelogram
- Number of Shanks: 3
- Maximum Digging Depth: 337.5 mm (13.3 in)
- Maximum Reach at Ground Line: 555 mm (21.9 in)
- Maximum Ground Clearance Under Tip: 448 mm (17.6 in)
- Overall Width: 1710 mm (67.3 in)
- Height: 165 mm (6.5 in)
- Weight: 554 kg (1,222 lb)

Dimensions

1. Track Gauge
2. Width of Tractor (standard shoes, no blade)
3. Overall Length (with blade)
4. Length of Basic Tractor (without blade)
5. Tractor Height
6. Ground Clearance

BLADE

1. Blade Width
2. Blade Height
3. Blade Lift Height
4. Digging Depth
5. Blade Cutting Edge Angle, Adjustable
   - Maximum Tilt: 402 mm (15.8 in)
   - Maximum Angle (either side): 52° to 58°
   - Blade Width at Maximum Angle: 2636 mm (103.8 in)
   - Blade Capacity (SAE): 2.19 m³ (2.86 yd³)

- XL
  - Blade Width: 2782 mm (109.5 in)
  - Blade Height: 1073 mm (42.2 in)
  - Blade Lift Height: 767 mm (30.2 in)
  - Digging Depth: 586 mm (23.1 in)
  - Blade Cutting Edge Angle, Adjustable: 52° to 58°
  - Maximum Tilt: 402 mm (15.8 in)
  - Maximum Angle (either side): 52° to 58°
  - Blade Width at Maximum Angle: 2636 mm (103.8 in)
  - Blade Capacity (SAE): 2.19 m³ (2.86 yd³)

- LGP
  - Blade Width: 2921 mm (115 in)
  - Blade Height: 1010 mm (39.8 in)
  - Blade Lift Height: 767 mm (30.2 in)
  - Digging Depth: 572 mm (22.5 in)
  - Blade Cutting Edge Angle, Adjustable: 52° to 58°
  - Maximum Tilt: 448 mm (17.6 in)
  - Maximum Angle (either side): 52° to 58°
  - Blade Width at Maximum Angle: 2940 mm (115.8 in)
  - Blade Capacity (SAE): 2.34 m³ (3.06 yd³)

- LGP, 770 mm (30 in) shoes
  - Blade Width: 3220 mm (126.7 in)
  - Blade Height: 1010 mm (39.8 in)
  - Blade Lift Height: 767 mm (30.2 in)
  - Digging Depth: 572 mm (22.5 in)
  - Blade Cutting Edge Angle, Adjustable: 52° to 58°
  - Maximum Tilt: 448 mm (17.6 in)
  - Maximum Angle (either side): 52° to 58°
  - Blade Width at Maximum Angle: 2940 mm (115.8 in)
  - Blade Capacity (SAE): 2.34 m³ (3.06 yd³)
D5K2 Track-Type Tractor

STANDARD EQUIPMENT

ELECTRICAL
- Alternator, 12 volt, 120 Amp, heavy duty brushless
- Alarm, backup
- Batteries (2), heavy duty, maintenance free, 2,000 CCA
- Diagnostic connector
- Horn, electric
- Lights, halogen, 2 front and 2 rear
- Starter, electric, 12 volt

OPERATOR STATION
- ROPS/FOPS canopy
- Seat, air suspended, cloth or vinyl
- Seatbelt, retractable 76 mm (3 in)
- Foot pads, dash
- Electronic Monitoring System with:
  - Gauges for engine coolant temperature, hydraulic oil temperature and fuel level
  - Travel speed limiter, electronic
  - Engine RPM and gear display
  - Hour meter, electric
  - Engine air cleaner service indicator, electronic
  - Water-in-fuel indicator, electronic
- Slope Indicate
- Throttle switch, rotary
- Eco mode
- Controls, seat mounted, fore/aft adjustment
- Armrests, adjustable
- Mirror, rearview, inside
- Single pedal combining deceleration and braking functions
- Independent forward/reverse speed settings
- Power port, 12 volt
- Coat hook
- Storage compartment
- Cup holder
- Floor mat, rubber, heavy duty

HYDRAULICS
- Hydraulics, 3 valve
- Load sensing hydraulics
- Single lever, three function control
- Hydraulic pump and oil
- Stable blade control

POWER TRAIN
- Cat C4.4 ACERT diesel engine, turbocharged, Tier 4 Final/Stage IV/Japan 2014 (Tier 4 Final) certified with aftertreatment
- Aftercooler, Air-to-Air (ATAAC)
- Aluminum bar plate cooling system (radiator, power train)
- Air cleaner with precleaner, automatic dust ejection and under-hood intake
- Dual path, closed-loop hydrostatic transmission
- Electric fuel priming pump
- Fuel/water separator
- Automatic Traction Control

UNDERCARRIAGE
- SALT Undercarriage
- 7 roller track frame
- Track rollers, lifetime lubricated
- Carrier rollers
- Track adjusters, hydraulic
- Guards, front/rear guiding
- Master link

OTHER STANDARD EQUIPMENT
- Cat Product Link™ PLE732 Satellite/PLE742 Cellular
- C-Frame, VPAT, hydraulic cylinders and lines
- Lockable engine enclosures
- Front pull device
- Rigid drawbar
- Ecology drains (engine, power train and implement oil and engine coolant)
- Scheduled oil sampling ports (engine, power train implement oil)
- Vandalism protection
- Heavy duty crankcase guard

ANTIFREEZE
- Extended life coolant, –37° C (–35° F)
## D5K2 Track-Type Tractor

### Optional Equipment

<table>
<thead>
<tr>
<th><strong>Electrical</strong></th>
<th><strong>Hydraulics</strong></th>
<th><strong>Rear Attachment Control</strong></th>
</tr>
</thead>
</table>
| Integrated four front halogen lights, two rear halogen lights
| Hydraulics, 4 valve for use with ripper
| Control, ripper
| **Power Train** | Hydraulics, 4 valve for use with winch
| Drive, auxiliary
| Control, winch
| **Undercarriage** | **Guards** | Control, ripper and winch |
| Track Pairs, XL:
| Track, 510 mm (20 in) MS SystemOne
| Guard, rear, heavy duty
| **Operator Station** | Grill, track guiding, center
| Cab with air conditioning*
| Guard, track guiding, center
| Cab, polycarbonate windows and air conditioning*
| Grill, radiator, heavy duty
| Seat, air suspension, choice of:
| Guard, track roller, full length
| Vinyl, heated seat with heated controls
| Screen, rear, cab
| Cloth, heated seat with heated controls
| Screen, side, cab
| Cloth, heated and ventilated seat with heated controls
| Screen, rear, canopy
| Sound suppression
| Screen, front and doors, canopy
| Sweeps, front
| Sweeps, rear
| **Blades** | **Screen, rear, canopy** |
| VPAT XL blade
| Sweeps, rear
| VPAT LGP blade
| **Sweeps, front** |
| VPAT Intermediate blade
| **Sweeps, rear** |
| **Rear Attachments** | **Springs, front** |
| Drawbar, towing
| **Springs, rear** |
| Mounting, winch
| **Machine Control and Guidance** |
| Ripper, parallelogram, includes three shanks and teeth
| Cat GRADE with 3D
| **Starting Aids** | **Other Attachments** |
| Heater, engine, coolant, 120 volt
| Cat GRADE with Slope Assist
| Starting aid, ether
| **Antifreeze** |
| Power Pitch blade control
| Extended life coolant, –50° C (–58° F)
| **Field Installed Attachment** |
| **Machine Security System** |
| Winch, hydraulic, high performance, 40 m/min (131 ft/min) line speed
| **Winch, hydraulic retrieval, 15 m/min (50 ft/min) line speed** |
| Winch, hydraulic retrieval, 15 m/min (50 ft/min) line speed

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*Air Conditioning System*

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.6 kg of refrigerant which has a CO₂ equivalent of 2.288 metric tonnes.