Cat®
D4K2
TRACK-TYPE TRACTOR

FEATURES:
- **Slope Indicate** – New grade control feature provides you slope of blade in cross slope direction and mainfall (fore/aft) direction without having to estimate.
- **Slope Assist** – New optional grade control feature which helps you more easily achieve the desired blade mainfall and cross slope automatically.
- **Stable Blade** – New blade control feature helps you obtain a finish grade with less operator effort.
- **Traction Control** – New traction control feature reduces track slip and undercarriage wear for lower operating costs.
- **Eco Mode** – New engine throttle settings reduce fuel consumption up to 25% to save you more money.
- **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.
- **AccuGrade™** – Optional grade control system enables operators to cut and fill to grade with increased accuracy, minimizing the need for traditional stakes and grade checkers. Large AccuGrade monitor is built into the machine’s dash for easy viewing during operation.
- **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>Engine Model</th>
<th>Cat C4.4 ACERT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rated Net Power</td>
<td>92 hp</td>
</tr>
<tr>
<td>SAE J1349</td>
<td>68.8 kW</td>
</tr>
<tr>
<td>ISO 9249/EEC 80/1269</td>
<td>68.8 kW</td>
</tr>
<tr>
<td>Bore</td>
<td>105 mm</td>
</tr>
<tr>
<td>Stroke</td>
<td>127 mm</td>
</tr>
<tr>
<td>Displacement</td>
<td>4.4 L</td>
</tr>
</tbody>
</table>

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

#### Weights

| Operating Weight – XL | 8168 kg | 18,007 lb |
| Operating Weight – LGP | 8476 kg | 18,686 lb |

- Specifications shown are for machine equipped with dozer blade, canopy ROPS, back-up alarm, operator, coolant, lubricants and full fuel tank.

#### Cab

<table>
<thead>
<tr>
<th>Sound Levels:</th>
</tr>
</thead>
<tbody>
<tr>
<td>ISO 6396:2008</td>
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<tr>
<td>SAE J1166 FEB2008</td>
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</table>

<table>
<thead>
<tr>
<th>ROPS</th>
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<tbody>
<tr>
<td>SAE J397-OCT95,</td>
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<tr>
<td>SAE J1040-MAY94,</td>
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<tr>
<td>ISO 3471-94,</td>
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<tr>
<td>ISO 3164-2008</td>
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</table>

<table>
<thead>
<tr>
<th>FOPS</th>
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</thead>
<tbody>
<tr>
<td>SAE J231-JAN81,</td>
</tr>
<tr>
<td>ISO 3449-2005 Level III</td>
</tr>
</tbody>
</table>

#### Transmission

| Drive Pumps | 1 |
| Track Motors | 2 |
| Relief Valve Settings | 48 500 kPa | 7,033 psi |
| Maximum Travel Speed – Forward | 9 km/h | 5.6 mph |
| Maximum Travel Speed – Reverse | 10 km/h | 6.2 mph |

#### Undercarriage

| Number of Rollers (each side) | 7 |
| Number of Shoes (each side) – Sealed and Lubricated Track (SALT) Undercarriage | 43 |
| Number of Shoes (each side) – SystemOne Undercarriage | 38 |
| Shoe Width – XL | 460 mm | 18 in |
| Shoe Width – LGP | 635 mm | 25 in |
| Length of Track on Ground – XL | 2248 mm | 89 in |
| Length of Track on Ground – LGP | 2248 mm | 89 in |
| Track Gauge – XL | 1550 mm | 61 in |
| Track Gauge – LGP | 1725 mm | 68 in |
| Ground Contact Area – XL | 20 662 cm² | 3,206 in² |
| Ground Contact Area – LGP | 28 550 cm² | 4,425 in² |
| Ground Pressure – XL | 38.6 kPa | 5.6 psi |
| Ground Pressure – LGP | 29.2 kPa | 4.2 psi |
D4K2 Track-Type Tractor

Service Refill Capacities

<table>
<thead>
<tr>
<th>Component</th>
<th>Capacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fuel Tank</td>
<td>195 L</td>
</tr>
<tr>
<td>Crankcase and Filter</td>
<td>11 L</td>
</tr>
<tr>
<td>Final Drives, XL (each side)</td>
<td>10 L</td>
</tr>
<tr>
<td>Final Drives, LGP (each side)</td>
<td>10 L</td>
</tr>
<tr>
<td>Cooling System</td>
<td>22.4 L</td>
</tr>
<tr>
<td>Transmission/Hydraulic Tank</td>
<td>59.5 L</td>
</tr>
<tr>
<td>Diesel Exhaust Fluid (DEF) Tank</td>
<td>19 L</td>
</tr>
<tr>
<td>Hydraulic Controls</td>
<td></td>
</tr>
<tr>
<td>Pump Output</td>
<td>68 L/min</td>
</tr>
<tr>
<td>Relief Valve Settings</td>
<td>20 600 kPa</td>
</tr>
</tbody>
</table>

Hydraulic Controls

- **Pump Output**: 68 L/min
- **Relief Valve Settings**: 20 600 kPa

Ripper

- **Type**: Parallelogram
- **Number of Shanks**: 3
- **Maximum Digging Depth**: 337.5 mm (13.3 in)
- **Maximum Reach at Ground Line**: 596 mm (23.5 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**: 1550 mm (61 in)
2. **Width of Tractor (standard shoes, no blade)**: 2010 mm (79.1 in)
3. **Overall Length (with blade)**: 4275 mm (168.3 in)
4. **Length of Basic Tractor (without blade)**: 3275 mm (128.9 in)
5. **Tractor Height**: 2763 mm (108.8 in)
6. **Ground Clearance**: 332 mm (13 in)
7. **Blade Width**: 2782 mm (109.5 in)
8. **Blade Height**: 1010 mm (39.8 in)
9. **Blade Lift Height**: 743 mm (29.3 in)
10. **Digging Depth**: 573 mm (22.5 in)
11. **Blade Cutting Edge Angle, Adjustable**
    - **Maximum Tilt**: 52° to 58°
    - **Maximum Angle (either side)**: 25°
    - **Blade Width at Maximum Angle**: 2542 mm (100.1 in)
    - **Blade Capacity (SAE)**: 1.98 m³ (2.59 yd³)

Grouser Height: 47 mm (1.9")
# D4K2 Track-Type Tractor

## STANDARD EQUIPMENT

### ELECTRICAL
- Alternator, 12 volt, 120 Amp, heavy duty brushless
- Alarm, backup
- Batteries, heavy duty, maintenance free, 1,500 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™ PL631 Satellite/PL641 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)
D4K2 Track-Type Tractor

OPTIONAL EQUIPMENT

**ELECTRICAL**
- Integrated four front halogen lights, two rear halogen lights

**POWER TRAIN**
- Drive, auxiliary
- Installation, winch

**UNDERCARRIAGE**
- Track Pairs, XL:
  - Track, 460 mm (18 in) MS SystemOne
- Track Pairs, LGP:
  - Track, 635 mm (25 in) MS SystemOne

**OPERATOR STATION**
- Cab with air conditioning
- Cab, polycarbonate windows and air conditioning
- Seat, air suspension, choice of:
  - Vinyl, heated seat with heated controls
  - Cloth, heated seat with heated controls
  - Cloth, heated and ventilated seat with heated controls
- Radio, AM/FM, Bluetooth
- Sound suppression

**HYDRAULICS**
- Hydraulics, 4 valve for use with ripper
- Hydraulics, 4 valve for use with winch

**GUARDS**
- Guard, rear, heavy duty
- Grill, radiator, heavy duty
- Guard, track guiding, center
- Guard, track roller, full length
- Screen, rear, cab
- Screen, side, cab
- Screen, rear, canopy
- Screen, front and doors, canopy
- Sweeps, front
- Sweeps, rear

**BLADES**
- VPAT XL blade
- VPAT LGP blade
- VPAT Intermediate blade

**REAR ATTACHMENTS**
- Drawbar, towing
- Mounting, winch
- Ripper, parallelogram, includes three shanks and teeth

**REAR ATTACHMENT CONTROL**
- Control, ripper
- Control, winch
- Control, ripper and winch

**MACHINE CONTROL AND GUIDANCE**
- Installation, AccuGrade ready, includes Cat Grade Control Slope Assist
- Power Pitch blade control

**STARTING AIDS**
- Heater, engine, coolant, 120 volt
- Starting aid, ether

**OTHER ATTACHMENTS**
- Machine Security System

**ANTIFREEZE**
- Extended life coolant, –50° C (–58° F)

**FIELD INSTALLED ATTACHMENT**
- Winch, hydrostatic