**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.
- **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 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**

<table>
<thead>
<tr>
<th>Engine</th>
<th>Transmission</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engine Model</td>
<td>Drive Pumps</td>
</tr>
<tr>
<td>Cat C4.4 ACERT</td>
<td>Track Motors</td>
</tr>
<tr>
<td>Rated Net Power @ 2,200 rpm</td>
<td>Relief Valve Settings</td>
</tr>
<tr>
<td>SAE J1349</td>
<td>Maximum Travel Speed – Forward</td>
</tr>
<tr>
<td>59.7 kW 80 hp</td>
<td>Maximum Travel Speed – Reverse</td>
</tr>
<tr>
<td>SAE 9249/EEC 80/1269</td>
<td></td>
</tr>
<tr>
<td>59.7 kW 80 hp</td>
<td></td>
</tr>
<tr>
<td>Bore</td>
<td></td>
</tr>
<tr>
<td>105 mm 4.13 in</td>
<td></td>
</tr>
<tr>
<td>Stroke</td>
<td></td>
</tr>
<tr>
<td>127 mm 5 in</td>
<td></td>
</tr>
<tr>
<td>Displacement</td>
<td></td>
</tr>
<tr>
<td>4.4 L 269 in³</td>
<td></td>
</tr>
</tbody>
</table>

- Engine meets Tier 4 Final emission standards.

**Weights**

| Operating Weight – XL | 7922 kg 17,465 lb |
| Operating Weight – LGP | 8365 kg 18,442 lb |
| Operating Weight – LGP, 762 mm/30 in | 8571 kg 18,896 lb |

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

**Cab**

| Sound Levels: | 77 dB(A) |
| ISO 6396:2008 | 78 dB(A) |
| SAE J1166 FEB2008 | |
| ROPS | SAE J397-0CT95, SAE J1040-MAY94, ISO 3471-94, ISO 3164-2008 |
| FOPS | SAE J231-JAN81, ISO 3449-2005 Level III |
### 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>
</tbody>
</table>

### Hydraulic Controls

- **Pump Output**: 68 L/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**: 766 mm, 30.2 in
- **Maximum Ground Clearance Under Tip**: 448 mm, 17.6 in
- **Overall Width**: 1,710 mm, 67.3 in
- **Height**: 165 mm, 6.5 in
- **Weight**: 554 kg, 1,222 lb

### Dimensions

1. **Track Gauge**: 1,495 mm, 58.9 in
2. **Width of Tractor (standard shoes, no blade)**: 1,901 mm, 74.8 in
3. **Overall Length (with blade)**: 3,275 mm, 128.9 in
4. **Length of Basic Tractor (without blade)**: 2,763 mm, 108.8 in
5. **Tractor Height**: 332 mm, 13 in
6. **Ground Clearance**: 332 mm, 13 in
7. **Blade Width**: 2,646 mm, 104.2 in
8. **Blade Height**: 910 mm, 35.8 in
9. **Blade Lift Height**: 730 mm, 28.7 in
10. **Digging Depth**: 573 mm, 22.5 in
11. **Blade Cutting Edge Angle, Adjustable**: 52° to 58°

### Winch

- **Weight**: 610 kg, 1,345 lb
- **Winch Drive**: Hydrostatic
- **Control Speed**: Variable
- **Winch Length**: 705 mm, 27.76 in
- **Overall Width**: 741 mm, 29.2 in
- **Drum Diameter**: 254 mm, 10 in
- **Drum Width**: 274 mm, 10.8 in
- **Throat Clearance**: 171.5 mm, 6.75 in
- **Rope Diameter – recommended**: 16 mm, 0.63 in
- **Rope Diameter – optional**: 19 mm, 0.75 in
- **Drum Capacity – recommended cable**: 113 m, 371 ft
- **Drum Capacity – optional cable**: 78 m, 256 ft
- **Maximum Line Pull – bare drum**: 18,144 kg, 40,000 lb
- **Maximum Line Pull – full drum**: 11,340 kg, 25,000 lb
- **Maximum Line Speed – bare drum**: 40 m/min, 131 ft/min
- **Maximum Line Speed – full drum**: 63 m/min, 207 ft/min

### Grouser Height: 47 mm (1.9")
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 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
- 6 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)
D3K2 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, 406 mm (16 in) MS SystemOne
- Track Pairs, LGP:
  - Track, 635 mm (25 in) MS SystemOne
  - Track, 762 mm (30 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

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