

# PRODUCT SPECIFICATIONS FOR D3K2 TIER 4 FINAL

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## ENGINE

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<b>Engine Model</b>	Cat C4.4
<b>Power - Net</b>	80.0 HP
<b>Displacement</b>	269.0 in <sup>3</sup>
<b>Bore</b>	4.13 in
<b>Stroke</b>	5.0 in
<b>Rated Net Power - 2,200 rpm - SAE J1349</b>	80.0 HP
<b>Rated Net Power - 2,200 rpm - ISO 9249/EEC 80/1269</b>	80.0 HP
<b>Note</b>	Engine meets U.S. EPA Tier 4 Final emission standards.

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## TRANSMISSION

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<b>Drive Pumps</b>	1
<b>Maximum Travel Speed - Reverse</b>	6.2 mile/h
<b>Track Motors</b>	2
<b>Relief Valve Settings</b>	7033.0 psi
<b>Maximum Travel Speed - Forward</b>	5.6 mile/h

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## WEIGHTS

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<b>Operating Weight - XL</b>	17465.0 lb
<b>Operating Weight - LGP</b>	18442.0 lb
<b>Operating Weight - LGP, 762 mm/30 in</b>	18896.0 lb
<b>Note (1)</b>	Specifications shown are for machine equipped with

dozer blade, canopy ROPS, back-up alarm, operator, coolant, lubricants and full fuel tank.

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**Note (2)**

Enclosed cab adds 225 kg (495 lb).

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SERVICE REFILL CAPACITIES

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<b>Cooling System</b>	5.92 gal (US)
<b>Final Drive - Each - LGP</b>	2.6 gal (US)
<b>Transmission - Hydraulic Tank</b>	15.7 gal (US)
<b>Crankcase - With Filter</b>	2.91 gal (US)
<b>Final Drive - Each - XL</b>	2.6 gal (US)
<b>Fuel Tank</b>	51.5 gal (US)
<b>Diesel Exhaust Fluid (DEF) Tank</b>	4.9 gal (US)

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HYDRAULIC CONTROLS

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<b>Pump Output</b>	17.7 gal/min
<b>Relief Valve Settings</b>	2988.0 psi

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UNDERCARRIAGE

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<b>Length - Track on Ground - LGP</b>	89.0 in
<b>Track Gauge - LGP</b>	68.0 in
<b>Ground Contact Area - LGP, 762 mm (30 in)</b>	5340.0 in <sup>2</sup>
<b>Ground Contact Area - LGP</b>	4425.0 in <sup>2</sup>
<b>Length - Track on Ground - XL</b>	89.0 in
<b>Shoe Width - XL</b>	16.0 in
<b>Track Gauge - XL</b>	59.0 in
<b>Shoe Width - LGP</b>	25.0 in

<b>Ground Pressure - XL</b>	6.2 psi
<b>Ground Pressure - LGP</b>	4.2 psi
<b>Ground Pressure - LGP, 762 mm (30 in)</b>	3.6 psi
<b>Track Gauge - LGP, 762 mm (30 in)</b>	73.0 in
<b>Ground Contact Area - XL</b>	2829.0 in <sup>2</sup>
<b>Shoe Width - LGP, 762 mm (30 in)</b>	30.0 in
<b>Number of Shoes - Each Side - SystemOne Undercarriage</b>	38
<b>Length - Track on Ground - LGP, 762 mm (30 in)</b>	89.0 in
<b>Number of Shoes - Each Side - Sealed and Lubricated Track (SALT) Undercarriage</b>	43
<b>Number of Rollers - Each Side</b>	6

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#### RIPPER

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<b>Type</b>	Parallelogram
<b>Number of Shanks</b>	3
<b>Height</b>	6.5 in
<b>Weight</b>	1222.0 lb
<b>Maximum Ground Clearance Under Tip</b>	17.6 in
<b>Maximum Reach - Ground Line</b>	30.2 in
<b>Overall Width</b>	67.3 in
<b>Maximum Digging Depth</b>	13.3 in

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#### WINCH

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<b>Weight</b>	1345.0 lb
<b>Winch Drive</b>	Hydrostatic

<b>Control</b>	Hydraulic
<b>Speed</b>	Variable
<b>Maximum Line Pull - Full Drum</b>	25000.0 lb
<b>Throat Clearance</b>	6.75 in
<b>Maximum Line Pull - Bare Drum</b>	40000.0 lb
<b>Overall Width</b>	29.2 in
<b>Drum Capacity - Recommended Cable</b>	371.0 ft
<b>Rope Diameter - Recommended</b>	0.63 in
<b>Rope Diameter - Optional</b>	0.75 in
<b>Drum Width</b>	10.8 in
<b>Maximum Line Speed - Bare Drum</b>	131.0 ft/min
<b>Winch Length</b>	27.76 in
<b>Drum Diameter</b>	10.0 in
<b>Maximum Line Speed - Full Drum</b>	207.0 ft/min
<b>Drum Capacity - Optional Cable</b>	256.0 ft

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## DIMENSIONS

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<b>Length - Basic Tractor - Without Blade - XL</b>	128.9 in
<b>BLADE: Blade Capacity (SAE) - LGP</b>	2.17 yd <sup>3</sup>
<b>BLADE: Blade Capacity (SAE) - XL</b>	1.99 yd <sup>3</sup>
<b>Track Gauge - XL</b>	58.9 in
<b>BLADE: Digging Depth - LGP</b>	22.5 in
<b>BLADE: Digging Depth - XL</b>	22.5 in
<b>BLADE: Maximum Angle (either side) - XL</b>	25°
<b>Track Gauge - LGP, 762 mm (30 in)</b>	73.0 in
<b>BLADE: Blade Width at Maximum Angle - LGP</b>	113.1 in
<b>BLADE: Blade Cutting Edge Angle, Adjustable - XL</b>	52° to 58°

<b>BLADE: Blade Lift Height - LGP</b>	28.7 in
<b>BLADE: Blade Cutting Edge Angle, Adjustable - Intermediate</b>	52° to 58°
<b>BLADE: Blade Height - Intermediate</b>	33.9 in
<b>BLADE: Blade Width - LGP</b>	124.0 in
<b>BLADE: Blade Lift Height - Intermediate</b>	29.3 in
<b>Ground Clearance - LGP</b>	13.0 in
<b>BLADE: Blade Capacity (SAE) - Intermediate</b>	1.96 yd <sup>3</sup>
<b>BLADE: Blade Lift Height - XL</b>	28.7 in
<b>Tractor Height - LGP, 762 mm (30 in)</b>	108.8 in
<b>BLADE: Maximum Angle (either side) - Intermediate</b>	25°
<b>BLADE: Digging Depth - Intermediate</b>	22.5 in
<b>BLADE: Blade Width at Maximum Angle - Intermediate</b>	105.1 in
<b>Width - Tractor - Standard Shoes - No Blade - LGP (762 mm/30 in)</b>	94.9 in
<b>BLADE: Blade Width - XL</b>	104.2 in
<b>Width - Tractor - Standard Shoes - No Blade - LGP</b>	92.9 in
<b>BLADE: Blade Width - Intermediate</b>	115.0 in
<b>Tractor Height - LGP</b>	108.8 in
<b>BLADE: Maximum Tilt - XL</b>	14.5 in
<b>Length - Basic Tractor - Without Blade - LGP</b>	128.9 in
<b>Overall Length - With Blade - XL</b>	168.0 in
<b>Overall Length - With Blade - LGP, 762 mm (30 in)</b>	167.6 in
<b>Overall Length - With Blade - LGP</b>	167.6 in
<b>BLADE: Blade Width at Maximum Angle - XL</b>	95.2 in
<b>Tractor Height - XL</b>	108.8 in
<b>Ground Clearance - XL</b>	13.0 in
<b>BLADE: Maximum Tilt - LGP</b>	17.2 in

<b>BLADE: Blade Height - LGP</b>	33.8 in
<b>Length - Basic Tractor - Without Blade - LGP, 762 mm (30 in)</b>	128.9 in
<b>BLADE: Maximum Tilt - Intermediate</b>	17.7 in
<b>BLADE: Blade Cutting Edge Angle, Adjustable - LGP</b>	52° to 58°
<b>Width - Tractor - Standard Shoes - No Blade - XL</b>	74.8 in
<b>BLADE: Maximum Angle (either side) - LGP</b>	25°
<b>Ground Clearance - LGP, 762 mm (30 in)</b>	13.0 in
<b>BLADE: Blade Height - XL</b>	35.8 in
<b>Track Gauge - LGP</b>	67.9 in

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## CAB

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<b>Sound Levels - ISO 6396:2008</b>	79.0 dB(A)
<b>Sound Levels - SAE J1166 FEB2008</b>	79.0 dB(A)
<b>FOPS</b>	ISO 3449:2005 Level II
<b>ROPS</b>	ISO 3471:2008

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## D3K2 TIER 4 FINAL STANDARD EQUIPMENT

### ELECTRICAL

Alternator, 12 volt, 120 Amp, heavy duty brushless

Alarm, backup

Batteries (2), 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 diesel engine, turbocharged, U.S. EPA 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™ 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)

## D3K2 TIER 4 FINAL 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

Cat GRADE with 3D

Cat GRADE with 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,  $-50^{\circ}$  C ( $-58^{\circ}$  F)

## FIELD INSTALLED ATTACHMENT

Winch, hydraulic, high performance, 40 m/min (131 ft/min) line speed

Winch, hydraulic retrieval, 15 m/min (50 ft/min) line speed