

Product Specifications For D2



Engine

Engine Model	Cat® C3.6
Power - Net	68.8 kW
Displacement	3.6 l
Net Power - 2,200 rpm - SAE J1349	68.8 kW
Net Power - 2,200 rpm - ISO 9249/EEC 80/1269	68.8 kW
Note (1)	Net power is tested per ISO 9249:2007 and SAE J1349:2011 and as advertised is the power available at the flywheel when the engine is equipped with fan, air intake system, exhaust system and alternator.
Note (2)	All non-road U.S. EPA Tier 4 Final, EU Stage V, Japan 2014 (Tier 4 Final) and Korea Tier 4 Final diesel engines are required to use only Ultra Low Sulfur Diesel (ULSD) fuels containing 15 ppm EPA/10 ppm EU (mg/kg) sulfur or less.

Weights

Operating Weight	8338 kg
Operating Weight	8338 kg
Operating Weight - LGP	8648 kg
Note (2)	For machine with ripper, add 554 kg (1,222 lb).
Note (1)	Specifications shown are for machine equipped with dozer blade, EROPS cab, back-up alarm, operator, coolant, lubricants and full fuel tank.

Transmission

Drive Pumps	1
Maximum Travel Speed - Forward	9 km/h
Relief Valve Settings	48500 kPa
Maximum Travel Speed - Reverse	10 km/h
Track Motors	2

Hydraulic Controls

Pump Output	65 L/min
Relief Valve Settings	20600 kPa

Ripper

Type	Parallelogram
Number of Shanks	3
Height	165 mm
Weight	554 kg
Maximum Digging Depth	337.5 mm
Maximum Ground Clearance Under Tip	448 mm
Overall Width	1710 mm
Maximum Reach - Ground Line	766 mm

Engine

Power Train	Hydrostatic
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Cab

FOPS

ISO 3449:2005 Level II

ROPS

ISO 3471:2008

Undercarriage

Length - Track on Ground - LGP

2248 mm

Track Gauge

1550 mm

Number of Rollers - Each Side

7

Track Gauge - LGP

1725 mm

Ground Pressure - LGP

29.7 kPa

Shoe Width - Standard

460 mm

Shoe Width - LGP

635 mm

Number of Shoes - Each Side - Sealed and Lubricated Track (SALT)
Undercarriage

43

Undercarriage

Number of Shoes - Each Side - Abrasion Undercarriage

38

Ground Pressure

39.5 kPa

Length of Track on Ground

2248 mm

Service Refill Capacities

Fuel Tank

195 l

Crankcase - With Filter

10.5 l

Final Drive - Each - LGP

10 l

Cooling System	19 l
Transmission - Hydraulic Tank	90 l
Diesel Exhaust Fluid (DEF) Tank	19 l

Service Refill Capacities

Final Drives - Each Side	10 l
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Air Conditioning System

Air Conditioning	The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf (Europe). See label or instruction manual for gas refrigerant identification. If machine is equipped with R134a (Global Warming Potential = 1430), the system contains 1.8 kg (4 lbs) of refrigerant, which has a CO2 equivalent of 2.574 metric tonnes (2.873 tons). If machine is equipped with R1234yf (Global Warming Potential = 0.501), the system contains 1.7 kg (3.75 lbs) of refrigerant, which has a CO2 equivalent of less than 0.001 metric tonnes (0.001 tons).
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Dimensions

BLADE: Digging Depth - LGP	589 mm
BLADE: Blade Cutting Edge Angle, Adjustable - LGP	52° to 58°
BLADE: Blade Lift Height - LGP	708 mm
BLADE: Blade Width - LGP	3149 mm
BLADE: Blade Width at Maximum Angle - LGP	2874 mm
Track Gauge - LGP	1725 mm
Ground Clearance - LGP	332 mm
BLADE: Blade Height - LGP	910 mm
Overall Length - With Blade - LGP	4272 mm

BLADE: Blade Capacity (SAE) - LGP	1.85 m³
BLADE: Maximum Tilt - LGP	438 mm
BLADE: Maximum Angle (either side) - LGP	25°
Note	Abrasion Undercarriage
Length of Basic Dozer (without blade) - LGP	3290 mm
Width of Dozer (standard shoes, no blade) - Standard	2010 mm
Dozer Height - LGP	2765 mm
Dozer Height - Standard	2765 mm
Width of Dozer (standard shoes, no blade) - LGP	2360 mm
Length of Basic Dozer (without blade) - Standard	3290 mm

Dimensions

BLADE: Maximum Angle (either side) - Standard	25°
Ground Clearance - Standard	332 mm
Overall Length - With Blade - Standard	4281 mm
BLADE: Blade Cutting Edge Angle, Adjustable - Standard	52° to 58°
BLADE: Maximum Tilt - Standard	387 mm
Track Gauge - Standard	1550 mm
BLADE: Digging Depth - Standard	593 mm
BLADE: Blade Width - Standard	2782 mm

BLADE: Blade Lift Height - Standard	743 mm
BLADE: Blade Capacity (SAE) - Standard	1.98 m³
BLADE: Blade Width at Maximum Angle - Standard	2542 mm
Note	With Ripper Attachment (add to Length of Basic Dozer) - 1177 mm (46.3 in)
BLADE: Blade Height - Standard	1010 mm

Retrieval Winch

Maximum Line Speed - Full Drum	24 m/min
Maximum Line Speed - Bare Drum	15 m/min
Weight	794 kg
Drum Capacity - Optional Cable	59 m
Rope Diameter - Recommended	16 mm
Winch Drive	Hydraulic
Rope Diameter - Optional	19 mm
Drum Capacity - Recommended Cable	84 m
Maximum Line Pull - Full Drum	9231 kg
Speed	Variable
Maximum Line Pull - Bare Drum	14583 kg
Control	Hydraulic
Overall width	709 mm

Drum Width	245 mm
Drum Diameter	203.2 mm
Winch Length	905 mm
Throat Clearance	141.4 mm

High Performance Winch

Maximum line pull – bare drum	18144 kg
Drum capacity – recommended cable	113 m
Winch length	705 mm
Overall width	741 mm
Control	Hydraulic
Maximum line speed – bare drum	40 m/min
Maximum line speed – full drum	63 m/min
Drum width	274 mm
Drum capacity – optional	78 m
Throat clearance	171.5 mm
Weight	610 kg
Rope diameter – recommended	16 mm
Speed	Variable
Maximum line pull – full drum	11340 kg

Drum diameter	254 mm
Rope diameter – optional	19 mm
Winch drive	Hydrostatic

D2 Standard Equipment

POWER TRAIN

Air cleaner with precleaner, automatic dust ejection and under hood intake
 Aluminum bar plate cooling system (radiator, power train)
 Automatic traction control
 Cat C3.6 diesel engine
 Drive, auxiliary
 Dual path, closed loop, hydrostatic transmission
 Electric fuel pump
 Fuel/water separator
 Turbocharged aftercooled

ELECTRICAL

Alarm, backup
 Alternator, 150 amp, heavy duty
 Batteries, heavy duty, maintenance free, 1,000 CCA
 Diagnostic connector
 Four integrated front halogen lights, two rear halogen
 Horn, electric
 Starter, electric, 12 V, heavy duty

UNDERCARRIAGE

Heavy Duty (HD) Undercarriage (43 section)
 Carrier rollers
 Guards, front/rear guiding
 Seven roller track frame
 Track adjusters, hydraulic
 Track rollers, lifetime lubricated

HYDRAULIC

Hydraulic pump and oil
 Single lever, three function control
 Three valve hydraulics

CAT TECHNOLOGY

Low Slip Traction Control (included with ARO and Cat Grade 3D)

Slope Indicate
Cat Product Link™ PLE643/PLE743 Cellular
Third party 3D grade system compatible
Stable Blade – Basic Lift
Slope Indicate

ATTACHMENTS

Rigid drawbar
Front pull device

OPERATOR ENVIRONMENT

Armrests, adjustable
Coat hook
Controls, seat mounted, fore/aft adjustment
Cup holders
Eco Mode
Electronic Monitoring system with gauge:

- Chassis slope indication
- Diesel exhaust fluid (DEF)
- Engine coolant temperature
- Fuel level
- Hydraulic oil temperature

Electronic security system
Engine air cleaner service indicator
Engine RPM and gear display
Floor mat, rubber, heavy duty
Foot pads, dash
Hour meter, electronic
Independent forward/reverse speed settings
Mirror, rearview, inside
Power port, 12 volt
ROPS/FOPS canopy
Seat, air suspended, cloth or vinyl
Seatbelt, hi-vis retractable 76 mm (3")
Seatbelt buckling indicator/reminder
Single pedal combining decel and brake functions
Speed recall
Storage compartment
Throttle switch, rotary
Travel speed limiter, electronic

D2 Optional Equipment

POWER TRAIN

Air cleaner with external precleaner
Installation, winch

ELECTRICAL

Four integrated front LED lights, two rear LED

UNDERCARRIAGE

Abrasion Undercarriage (38 section)

Track Pairs

- Track, 460 mm (18 in)
- Track, 635 mm (25 in)

HYDRAULIC

Four valve for use with ripper

Four valve for use with winch

CAT TECHNOLOGY

Cat Grade with Slope Assist

Cat Command Station (availability varies by region)

Cat Command Console (availability varies by region)

Full-color 254 mm (10 in) touchscreen grade display

Cat Product Link PLE683/PLE783 Cellular/Satellite

Grade 3D with Assist includes:

- Same Assist with ARO features
- Steer Assist 3D
- Grade 3D

Assist with Attachment Ready Option (ARO) includes:

- Slope Indicate
- Blade Load Monitor
- Stable Blade Lift and Tilt
- Slope Assist
- Traction Control
- Steer Assist
- AutoCarry

ATTACHMENTS

Drawbar, towing

Machine security system

Mounting, winch

Ripper, parallelogram, includes three shanks and teeth

Winch, hydraulic, high performance

Winch, hydraulic, retrieval

OPERATOR ENVIRONMENT

Power Pitch

Cab, with air conditioning

Cab, polycarbonate windows and air conditioning

Radio, AM/FM Bluetooth®

Seat, air suspended, cloth or vinyl

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

Sound suppression

OTHER

Heater, engine, coolant 120 V/240 V

Starting aid, ether