

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.

ENGINE

Power Train Hydrostatic

WEIGHTS

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

WEIGHTS

Operating Weight 8338 kg

CAB

FOPS	ISO 3449:2005 Level II
ROPS	ISO 3471:2008

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

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

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

WINCH

Weight	610 kg
Winch Drive	Hydrostatic
Control	Hydraulic
Speed	Variable
Overall Width	741 mm
Winch Length	705 mm
Maximum Line Pull - Bare Drum	18144 kg
Throat Clearance	171.5 mm
Rope Diameter - Recommended	16 mm
Drum Capacity - Optional Cable	78 m
Maximum Line Speed - Bare Drum	40 m/min
Drum Capacity - Recommended Cable	113 m
Rope Diameter - Optional	19 mm
Maximum Line Pull - Full Drum	11340 kg
Drum Diameter	254 mm
Maximum Line Speed - Full Drum	63 m/min
Drum Width	274 mm

AIR CONDITIONING SYSTEM

Air Conditioning

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.8 kg of refrigerant which has a CO2 equivalent of 2.574 metric tonnes.

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 m ³
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 m ³
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

D2 STANDARD EQUIPMENT

POWER TRAIN

- Air cleaner with precleaner, automatic dust ejection and underhood 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

- SALT 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

- Cat Product Link PLE643/PLE743 Cellular
- Slope Indicate
- Stable blade
- Compatibility with radios and base stations from Trimble, Topcon, and Leica
- Capability to install 3D grade systems from Trimble, Topcon, and Leica

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 GRADE with 3D
- Cat Product Link PLE683/PLE783 Cellular/Satellite
- Full-color 10 in (254 mm) touchscreen grade display
- Power Pitch

ATTACHMENTS

- Drawbar, towing
- Machine security system
- Mounting, winch
- Ripper, parallelogram, includes three shanks and teeth
- Winch, hydraulic, high performance
- Winch, hydraulic, retrieval

OPERATOR ENVIRONMENT

- Cab, with air conditioning
- Cab, polycarbonate windows and air conditioning
- Radio, AM/FM Bluetooth®
- 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