

PRODUCT SPECIFICATIONS FOR D4

ENGINE

Engine Model	Cat C4.4
Power - Net	97 kW
Emissions	U.S. EPA Tier 4 Final/EU Stage IV/Japan 2014/Korea Tier 4 Final
Net Power (Rated) - ISO 9249	97 kW
Net Power (Rated) - ISO 9249 (DIN)	132 HP
Note (1)	Engine ratings at 2,200 rpm
Note (2)	Diesel Exhaust Fluid (DEF) used in Cat Selective Catalytic Reduction (SCR) systems must meet the requirements outlined in the International Organization for Standardization (ISO) standard 22241.
Note (3)	All non road Tier 4 Interim and Final, Stage IIIB and IV, 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. Biodiesel blends up to B20 (20% blend by volume) are acceptable when blended with 15 ppm (mg/kg) sulfur or less ULSD. B20 should meet ASTM D7467 specification (biodiesel blend stock should meet Cat biodiesel spec, ASTM D6751 or EN 14214). Cat DEO-ULS™ or oils that meet the Cat ECF-3, API CJ-4, and ACEA E9 specification are required. Consult your OMM for further machine specific fuel recommendations.

SERVICE REFILL CAPACITIES

Fuel Tank	260 l
DEF Tank	19 l

WEIGHTS

WEIGHTS

Operating Weight	13271 kg
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BLADES

Blade Type	VPAT, VPAT Foldable*
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Note	*VPAT foldable blades have the same capacity and width as the XL/LGP VPAT blades.
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VPAT

Operating Weight	13271 kg
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Ground Pressure	40.5 kPa
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LGP VPAT

Operating Weight	13909 kg
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Ground Pressure	31.1 kPa
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BLADES - WIDTH

VPAT	3196 mm
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VPAT LGP	3682 mm
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BLADES - CAPACITY

VPAT	3.26 m ³
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VPAT LGP	3.81 m ³
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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 1.3 kg of refrigerant which has a CO2 equivalent of 1.859 metric tonnes.

D4 STANDARD EQUIPMENT

NOTE

Standard and optional equipment may vary. Consult your Cat dealer for details.

POWER TRAIN

Cat C4.4 diesel engine turbocharged

Tier 4 Final/Stage IV/Japan 2014/Korea Tier 4 Final Certified Engine with Aftertreatment

Aftercooler, Air to Air (ATAAC)

Glowplug starting aid

3000 meter altitude operation capability without derating

Hydraulically driven, variable speed fan

Aluminum bar plate cooling system (radiator, power train, aftercooler)

Air cleaner with integrated precleaner, dust ejector and under hood air intake

Dual path, electronic control, closed-loop hydrostatic transmission

Electric fuel priming pump

Fuel/water separator

Automatic Traction Control

Programmable/selectable bi-directional speed control

Engine Idle Shutdown

Auto Engine Speed Control

TECHNOLOGY PRODUCTS

CLIMATE CONTROL SYSTEM

Cat GRADE with Slope Assist

Cat Stable Blade

Cat Slope Indicate

Product Link ready cellular or satellite (Product Link licensing not available in all areas. Please consult your Cat dealer for details.)

UNDERCARRIAGE

Cat Abrasion or Heavy Duty undercarriage

Center tread, sprocketed idler with Cat Abrasion, standard idler with HD

Lifetime lubricated track rollers (8) and idlers

Carrier rollers (2)

Hydraulic track adjusters

Guards, front/rear guiding

Replaceable sprocket rim segments

HYDRAULICS

Three valve hydraulics

Load sensing hydraulics

ELECTRICAL

Horn

Back-up alarm

12V converter, 10A

Diagnostic connector

Batteries, heavy duty, maintenance free, 900 CCA

Integrated lights (4 front, 2 rear)

100 Amp alternator (24 volt)

24V electric starter

OPERATOR ENVIRONMENT

ROPS/FOPS Cab

Integrated A/C with automatic temperature control

Refrigeration system

Rear vision camera

Seat, air suspended, cloth for cab

Seat belt, retractable 76 mm (3 in)

Foot pads, dash

Color graphic 178 mm (7 in)

Travel speed limiter, electronic

Engine RPM and gear display

Hour meter, electronic

Engine air cleaner service indicator, electronic

Water-in-fuel indicator, electronic

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

Intermittent wiper

12V radio ready (plug and play)

FLUIDS

Antifreeze coolant (-37 C/-34.6 F)

Extended life coolant

OTHER STANDARD EQUIPMENT

OTHER STANDARD EQUIPMENT

C-frame, variable pitch link, hydraulic cylinders and lines

Engine enclosures

Hinged radiator louvered grill

Swing-out radiator fan

Front pull device

Rigid drawbar

Vandalism protection

Ecology drains (engine, power train and implement oil, engine coolant)

Scheduled Oil Sampling (SOS) ports (engine, power train and implement oil)

Heavy duty crankcase guard

INSTRUCTIONS

Warning decals, ANSI, are included for machines in the U.S.A. only.

D4 OPTIONAL EQUIPMENT

NOTE

Standard and optional equipment may vary. Consult your Cat dealer for details.

POWER TRAIN

Fan, demand, reversing

UNDERCARRIAGE

Cat Abrasion

Heavy Duty

LGP, Cat Abrasion

LGP, Heavy Duty

TRACKS (40 SECTIONS)

Track Pairs, Cat Abrasion: 510 mm (20 in) Moderate Service, 510 mm (20 in) Extreme Service, 560 mm (22 in) Moderate Service, 560 mm (22 in) Extreme Service

Track Pairs, Heavy Duty: 510 mm (20 in) Extreme Service, 560 mm (22 in) Extreme Service

Track Pairs, LGP, Cat Abrasion: 760 mm (30 in) Moderate Service, 760 mm (30 in) Extreme Service

Track Pairs, LGP, Heavy Duty: 760 mm (30 in) Extreme Service, 760 mm (30 in) Self-Cleaning

TRACK GUIDING GUARDS

- Guard, track guiding, center
- Guard, track guiding, front/rear
- Guard, track guiding, full length

OPERATOR ENVIRONMENT

- Cab, Comfort Package
- Cab, Comfort Package, Heavy Duty
- Suspension seat, heated and ventilated with heated joystick handles
- Radio, AM/FM/AUX/USB/Bluetooth

HYDRAULICS

- Hydraulic oil, bio

GUARDS AND PROTECTION

- Cab, protection package
- Screen, rear
- Protection package, standard
- Protection package, front
- Protection package, heavy duty

BLADES

- Blade, 3196 mm (126 in) ARO
- Blade, 3196 mm (126 in) Foldable ARO
- Blade, 3684 mm (145 in) ARO LGP
- Blade, 3684 mm (145 in) Foldable ARO LGP
- Mechanical blade pitch
- Blade power pitch

REAR ATTACHMENTS

- Drawbar
- Ripper, straight teeth
- Ripper, curved teeth

Counterweight, rear

Counterweight, additional slabs

REAR ATTACHMENT CONTROL

Ripper control

Winch control

Ripper and winch control

Ripper and Power Pitch control

Ripper, Winch and Power Pitch control

TECHNOLOGY PRODUCTS

Attachment Ready Option

Cat GRADE with 3D

Product Link Cellular

Product Link Satellite

Product Link Cellular and Satellite

FUEL SYSTEMS

Fuel tank, fast fuel and refill ready

WEATHER PACKAGES AND STARTERS

Cold Weather Package, 120V

Cold Weather Package, 240V

Electrical insulated breather

Starter standard

Starter high speed, low temperature

FLUIDS

Antifreeze, -50 C (-58 F)

ELECTRICAL

Beacon, rotating

FIELD INSTALLED ATTACHMENTS

Winch and fairleads: variable speed PA50 winch, 3-roller fairlead, conversion kit for fourth roller, which step

MAINTENANCE AND RELATED ATTACHMENTS

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Shovel holder

Fuel pump, refilling

Oil change system, high speed