

Product Specifications For D6R2



Engine

Engine Model	Cat C9
Power - Net	148 kW
Biodiesel Capability	Up to B100*

Note (1) Net power advertised is the power available at the flywheel when engine is equipped with a fan at maximum speed, air cleaner, muffler, alternator. Advertised power is tested per the specified standard in effect at the time of manufacture.

Note (2) *Cat engines are compatible with the following renewable, alternative, and bio-fuels** with lower greenhouse gas emission impact: Up to B20 biodiesel (FAME)***, up to 100% HVO and GTL renewable fuels. **Refer to guidelines for successful application. Please consult your Cat dealer or “Caterpillar Machine Fluids Recommendations” (SEBU6250) for details. ***Up to B100 capable when equipped with optional B100-compliant fuel lines. Please consult the Operations and Maintenance Manual (OMM) for further information.

D6R2 (Tier 2/Stage II)

Emissions	China Nonroad II, equivalent to U.S. EPA Tier 2/ EU Stage II
Standard - Net Power - Rated - ISO 9249/SAE J1349	141 kW
Standard - Net Power - Rated - ISO 9249 (DIN)	192 mhp
XL/LGP - Net Power - Rated - ISO 9249/SAE J1349	158 kW
XL/LGP - Net Power - Rated - ISO 9249 (DIN)	215 mhp

D6R2 (Tier 3/Stage III)

Emissions	China Nonroad III, equivalent to U.S. EPA Tier 3/ EU Stage IIIA
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Standard - Net Power - Rated - ISO 9249/SAE J1349	162 kW
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Standard - Net Power - Rated - ISO 9249 (DIN)	220 mhp
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XL/LGP - Net Power - Rated - ISO 9249/SAE J1349	176 kW
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XL/LGP - Net Power - Rated - ISO 9249 (DIN)	239 mhp
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Service Refill Capacities

Fuel Tank	424 l
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Weights

Operating Weight	18984 kg
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Operating - D6R2 (S)	18984 kg
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Operating - D6R2 (SU)	19066 kg
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Operating - D6R2 (A)	19448 kg
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Operating - D6R2 XL (SU)	19914 kg
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Operating - D6R2 XL (A)	19969 kg
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Operating - D6R2 LGP (S)	21661 kg
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Undercarriage - Standard

Ground Pressure - A-Blade (ISO 16754)	64 kPa
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Undercarriage - XL

Ground Pressure - SU - Blade (ISO 16754)	61 kPa
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Undercarriage - LGP

Blades

S-Blade Capacity	4 m ³
SU - Blade Capacity	5.6 m ³
A-Blade Capacity	4 m ³
SU XL - Capacity	5.6 m ³
A XL - Capacity	4 m ³
S-Blade Capacity - LGP	3.8 m ³
S-Blade Width	3360 mm
SU - Blade Width	3260 mm
A-Blade Width	4166 mm
SU XL - Width	3260 mm
A XL - Width	4166 mm
S-Blade Width - LGP	4063 mm

D6R2 Standard Equipment

NOTE

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

POWER TRAIN

Cat C9 turbocharged direct injection diesel engine
 Air cleaner, precleaner with strata tube dust ejector
 Air filter with electronic service indicator
 Aluminum bar plate Air to Air After- Cooler (ATAAC)
 Direct drive fan blower
 Electric fuel priming pump

Final drives, 3-planet single reduction planetary
Planetary transmission, electronic power shift 3F/3R speeds
Prescreener

OPERATOR ENVIRONMENT

Adjustable armrest
Adjustable contour suspension seat
Cab with integrated ROPS
Retractable 76 mm (3 in) seat belt

ELECTRICAL

Halogen lights (4)

UNDERCARRIAGE

Heavy Duty sealed and lubricated track

SERVICE AND MAINTENANCE

Diagnostic connector
Sampling ports

TECHNOLOGY PRODUCTS

Cat Product Link ready
Cat Product Link, Cellular PL641

GUARDS

Bottom guards
Engine cover with perforated hood and side enclosures

D6R2 Optional Equipment

NOTE

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

POWER TRAIN

Radiator core protector
Radiator fan, ejector
Radiator fan, increased speed (high ambient)
Radiator fan, reversible (cold weather)
Raised precleaner
Turbine precleaner with screen

OPERATOR ENVIRONMENT

Arctic cab with integrated ROPS

Canopy with integrated ROPS
Suspension seat, cloth cover
Suspension seat, cloth cover, heated and ventilated
Suspension seat, vinyl cover

ELECTRICAL

Halogen lights (4 - sweep)
Halogen lights (6)
Halogen lights (8 - sweep)
LED lights (6)

UNDERCARRIAGE

Cat Abrasion (XL and LGP)
Waste handling/landfill (XL and LGP)

SERVICE AND MAINTENANCE

Ecology drains, power train
High speed oil change system

TECHNOLOGY PRODUCTS

Cat Product Link, Satellite PL631

BLADES

Angle blade, hydraulic or mechanical tilt (STD and XL)
Angle blade, hydraulic or mechanical tilt, land clearing (XL)
Semi-Universal blade, hydraulic tilt (STD and XL)
Semi-Universal blade, hydraulic tilt, land clearing (STD and XL)
Semi-Universal blade, hydraulic tilt, landfill (XL)
Straight blade, hydraulic tilt (STD and LGP)
Straight blade, hydraulic tilt, landfill (LGP)

ATTACHMENTS

Multi-shank ripper, straight or curved shanks (3)
Rear counterweight
Rigid drawbar
Ripper hydraulics
Striker bar, rear (XL or LGP)
Striker bars, front (XL or LGP)

GUARDS

Forward protection sweeps
Fuel tank guard
Heavy duty bottom guard
Heavy duty radiator guard
Hydraulic blade tilt line guards

Land clearing guards
Solid hood engine enclosure
Transmission guard

SPECIAL ARRANGEMENTS

Waste Handler
Forestry/Land Clearing
Arctic