

Product Specifications For D8 XE



Engine

Net Power - ISO 9249	259 kW
Net Power - ISO 9249 (DIN)	352 mhp
Engine Power - ISO 14396	273 kW
Engine Power - ISO 14396 (DIN)	371 mhp
Engine Model	Cat C15
Emissions	U.S. EPA Tier 4 Final / EU Stage V / Korea Stage V / Japan 2014
Build Number	22A
Note (1)	Net power advertised is the power available at the flywheel when the engine is equipped with fan, air cleaner, muffler, and alternator.
Note (2)	Cat diesel engines are required to use ULSD (ultra-low sulfur diesel fuel with 15 ppm of sulfur or less) and are compatible* with ULSD blended with the following lower-carbon intensity fuels** up to: 20% biodiesel FAME (fatty acid methyl ester)*** 100% renewable diesel, HVO (hydrotreated vegetable oil) and GTL (gas-to-liquid) fuels. Refer to guidelines for successful application. Please consult your Cat dealer or “Caterpillar Machine Fluids Recommendations” (SEBU6250) for details. * While Caterpillar engines are compatible with these alternative fuels, some regions may not allow their use. ** Tailpipe greenhouse gas emissions from lower-carbon intensity fuels are essentially the same as traditional fuels. *** Engines with no aftertreatment devices are compatible with higher blends, up to 100% biodiesel (for use of blends higher than 20% biodiesel, consult your Cat dealer).

Standard SU

Operating Weight	40100 kg
Blade Capacity	10.3 m ³

Blade	Semi-Universal (SU)
Ground Pressure	91 kPa
Width of Standard Shoe	610 mm

Transmission

Powertrain	Electric Drive
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Service Refill Capacities

Fuel Tank	528 l
DEF Tank	33 l

LGP

Operating Weight	38685 kg
Blade Capacity	9.9 m³
Blade	LGP Semi-Universal (SU)
Ground Pressure	55.5 kPa
Width of Standard Shoe	970 mm

Waste Handler

Operating Weight	40500 kg
Blade Capacity	21.2 m³
Blade	Semi-Universal Landfill with Wear Plate
Ground Pressure	85 kPa
Width of Standard Shoe	660 mm

LGP Waste Handler

Operating Weight	42145 kg
Blade Capacity	22.2 m ³
Blade	LGP Semi-Universal Landfill
Ground Pressure	60.5 kPa
Width of Standard Shoe	970 mm

Air Conditioning System

Air Conditioning	The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a or R1234yf. See the label or instruction manual for identification of the gas. If equipped with R134a (Global Warming Potential = 1430), the system contains 1.36 kg (2.99 lb) of refrigerant which has a CO2 equivalent of 1.946 metric tonnes (2.145 tons).
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D8 XE Standard Equipment

NOTE

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

POWERTRAIN

Cat C15 diesel engine
 Electric Drive Powertrain
 Final Drives, double reduction — Standard or LGP
 Fuel priming pump, electric

CAT TECHNOLOGY

Slope Indicate
 Cat Assist with ARO Package
 Third Party Grade Control Ready Cab
 Compatibility with radios and base stations from Trimble, Topcon, and Leica
 Capability to install 3D grade systems from Trimble, Topcon, and Leica
 Remote Flash/Troubleshoot
 Machine Security - Passcode
 Remote Control Ready

OPERATOR ENVIRONMENT

Fully redesigned cab with Integrated ROPS and FOPS
 Full-color 254 mm (10 in) liquid crystal touchscreen display

High Definition rearview camera with backup lines
Cab mounted modular HVAC system
Electrohydraulic implement and steering controls
Cloth seat
Standard Lights — 6 LED

HYDRAULICS

Independent steering and implement pumps
Load-sensing hydraulics

UNDERCARRIAGE

Heavy Duty (HDL with DuraLink™)
Moderate Service track shoes

SERVICE AND MAINTENANCE

Scheduled Oil Sampling (S·O·SSM) ports
Ground-level service center
30-minute cab removal
Ecology drains
Under hood work light
Shovel holder

D8 XE Optional Equipment

NOTE

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

POWERTRAIN

Final Drives, double reduction — Arctic, Waste

CAT TECHNOLOGY

Cat Grade 3D Ready with Assist Package (Hardware Only)
Cat Grade 3D with Assist Package*
Product Link™ — Cellular or Dual Mode
Cat Track Wear Sensor
Grade Connectivity
Grade Corrections Radio
Machine Security - Bluetooth®
Cat Command for Dozing

OPERATOR ENVIRONMENT

Cab glass capable of withstanding up to 40 psi
Deluxe leather heated/ventilated seat
Communication radio ready

Premium Lights — 12 LED
Integrated warning lights

UNDERCARRIAGE

Extreme Service track shoes

BLADES

Semi-Universal (SU)
Universal (U)
Angle (A)
LGP Semi-Universal (SU)
LGP Angle (A)
Semi-Universal Landfill with Wear Plate
Universal Landfill
LGP Semi-Universal Landfill

SERVICE AND MAINTENANCE

Fast fuel fill
Quick access cab floor
High-speed oil change