CAT®

ELECTRIC DRIVE

D11XE

ENGINE POWER NET SAE J1349/ISO9249	FORWARD	642 kW / 861 hp
	REVERSE	714 kW / 957 hp
OPERATING WEIGHT	STANDARD	108 314 kg / 238,794 lb
	CARRYDOZER	115 307 kg / 254,208 lb

INTRODUCING A CAT® DOZER THAT CHANGES THE FUTURE BY LEVERAGING THE PAST.

The Cat® D11 XE is the highest producing D11 ever. Like the D11 you already know, it's durable, reliable and enhanced with safety features. And thanks to its Caterpillar-designed electric drive powertrain, it's more fuel efficient, more productive and easier to maintain.

The D11 XE is highly efficient in support applications and highly productive in production applications. It's easy to operate, with no gears to shift and exceptional maneuverability. It's easy to maintain and features extended-life components to keep uptime high and costs low. Serviceability is further enhanced by modular design and component sharing with mechanical drive models, with up to 85% commonality with the D11. And you'll achieve the same total operating hours in an average 75,000-hour lifecycle with one less rebuild over the life of the machine.

The result? You'll move more material per hour, use less fuel, produce less greenhouse gas and achieve a lower total cost of ownership.

THIS CHANGES EVERYTHING

UP TO 20% LONGER LIFE

60% FEWER MOVING PARTS IN THE ELECTRIC DRIVETRAIN

UP TO 25% LESS FUEL CONSUMED PER UNIT OF MATERIAL MOVED

MOVES MORE MATERIAL PER HOUR

EASIER MAINTENANCE & EXTENDED LIFE
COMPARED TO D11

LOWER OWNING & OPERATING COSTS

THE NEW CAT® D11 XE ELECTRIC DRIVE DOZER

DELIVERING A LOW COST OF OWNERSHIP

Caterpillar has a broad lineup of dozers, with the versatility to work in almost every application and environment. Our long history of evolution and innovation has helped us remain a leader for over a century. An outcome of that commitment to innovation, the new D11 XE is leading Cat dozers into the next century.

Thanks to its electric drive system, the D11 XE offers benefits that are beyond what any other Cat large dozer can deliver. But one thing all models have in common is the philosophy we follow in their design. By following this philosophy — for every large dozer, every time — we help to ensure you get what you expect from Caterpillar: a safe, reliable, highly productive machine at the lowest total cost of ownership.

A PROVEN DESIGN PHILOSOPHY

There are six principles that drive our design philosophy, and the D11 XE delivers on every one.

1. HELP TO ENSURE OPERATOR SAFETY, COMFORT AND EASE OF OPERATION
2. MAXIMIZE PRODUCTIVITY IN ALL APPLICATIONS
3. DRIVE INNOVATION WITH THE LATEST TECHNOLOGIES
4. BUILD DOZERS THAT ARE EASY TO MAINTAIN & SERVICE
5. DELIVER HIGH RELIABILITY AND MULTIPLE LIVES THROUGH MACHINE REBUILDS
6. MINIMIZE ENVIRONMENTAL IMPACT

AN ELECTRIC DRIVE POWERTRAIN

WORTHY OF THE CATERPILLAR NAME

The D11 XE may be the first electric drive large dozer in the industry. But it's not the first Cat electric drive machine. For more than a decade we've been expanding our lineup of electric drive equipment, and perfecting our electric drive powertrain along the way.

We made the decision years ago that if we were going to make equipment powered by electric drive, we were going to invest in designing and validating a system worthy of the Caterpillar name. Because of ongoing advances in design and proprietary testing, today's refined electric drive powertrain is simple, efficient and robust.

SIMPLE, ROBUST DESIGN

The first-in-class electric drive powertrain is more efficient over a wider range of speeds and loads than the previous powertrain. As a result, it delivers optimized power to the ground.

+ Improved efficiency means less heat to be rejected out of the cooling system.
+ One electric motor at each track provides power-turn capability for greatly improved maneuverability, nimbleness and the ability to push a load through a turn.
+ Infinitely variable ground speed provides improved control and better productivity.
+ Optimized electric drive component design delivers a 20% increase in service life.
+ Electric drive enables lower high-idle engine speed for quieter, more efficient operation.

AN EVOLUTION IN VALIDATION

The D11 XE benefits from continued electric drive research and development, which leads to broader in-application experience as well as innovations in testing. Field testing in a variety of applications is ongoing, with more than 90,000 working hours already logged, and over 281,000 accelerated lab hours on the production generator design alone.

Caterpillar engineers have also developed advanced endurance testing that can put a lifetime of stress on a single component in a short amount of time. The result is the next generation of robust, durable electric drive systems.

PERFORMANCE AND EFFICIENCY ENHANCEMENTS TO BOOST YOUR PRODUCTIVITY

Single-plane cooling system — enables better heat rejection because cores are less likely to plug and easier to keep clean

New with the D11 (07B) and D11 XE models, the C32B engine delivers the same power and performance as the C32 but features heavier duty internals for improved durability

Quieter environment due to reduced engine speed

Easier to operate with quick, nimble steering

Automatic machine protection strategies

Power-turn capability—delivers improved pryout ability, ability to push a full blade load through a turn

Infinitely variable ground speed and no gears to shift

Three cylinder options increase productivity:

» Standard dual tilt

» Extended pitch dual tilt

» Carrydozer

High-horsepower reverse — speeds up non-productive traveling to reduce cycle time and boost overall productivity

ELECTRIC DRIVE

THE GREATEST THING TO HAPPEN TO DOZERS SINCE HIGH DRIVE

The D11 XE combines the D11's efficiency-boosting features with an electric drive powertrain to become the highest producing D11 ever. It moves up to 12% more material per hour in production dozing and delivers a reduction in fuel burn per hour of up to 20% in support applications.

The Cat D11 is known for its productivity and efficiency, with features like:

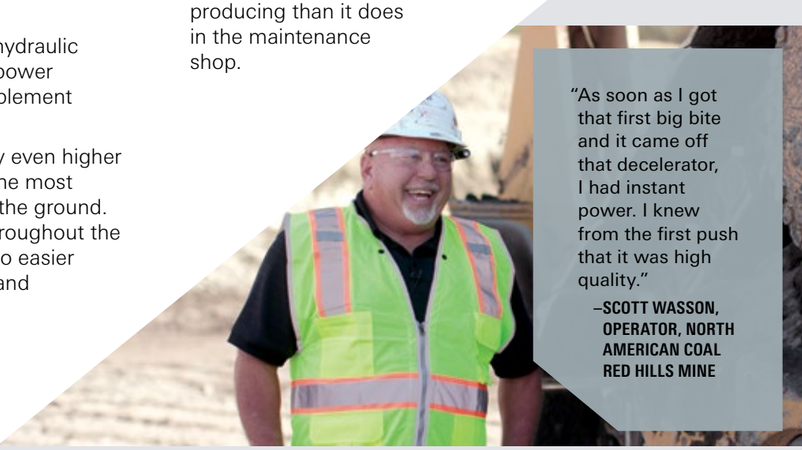
+ High-horsepower reverse for fast cycle times.
+ The stator clutch torque divider, which automatically frees up the stator when torque is not required, delivering higher drivetrain efficiency.
+ High-efficiency load-sensing hydraulic system, which delivers more power to the dozer and increases implement responsiveness.

The D11 XE takes that productivity even higher thanks to electric drive, which is the most efficient way to transfer power to the ground. Forward momentum continues throughout the push for faster cycle times. It's also easier to operate, with no gears to shift and exceptional maneuverability.

The D11 XE is designed to be highly efficient across a wide range of speeds and loads.

+ In an average support application, users can expect a 20% reduction in fuel consumption with a 5% increase in productivity.
+ In an average production application, users should expect a 10% increase in productivity with a 10% increase in fuel economy.

Electric drive is a durable solution with no losses in efficiency over time. Plus, ease of maintenance, durability and extended life contribute to high uptime, so the D11 XE spends more time producing than it does in the maintenance shop.



"As soon as I got that first big bite and it came off that decelerator, I had instant power. I knew from the first push that it was high quality."

–SCOTT WASSON, OPERATOR, NORTH AMERICAN COAL RED HILLS MINE

"I don't think anything compares to the XE model. At first, I was totally against the electric drive, but after running one shift I was sold on it. It's perfect."

–SAM MOSS, OPERATOR, NORTH AMERICAN COAL RED HILLS MINE

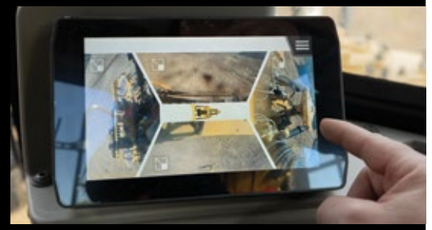
"It's very quiet. It's about like riding in your car as far as the sound."

–MARK WILLIAMSON, OPERATOR, NORTH AMERICAN COAL RED HILLS MINE

KEEP OPERATORS SAFE, COMFORTABLE AND IN CONTROL

Safety Features

+ Additional platforms, rails and handles
+ Clean line of sight to front and rear work areas
+ Factory-installed fire suppression system
+ Optional quad-camera, distortion-free, 360-degree vision system



+ Third-generation powered ladder, which deploys and stores in seconds and features audible alarm to signal motion
+ Cab door swing option for easy ladder access
+ Bosses on Rollover Protective Structure (ROPS) canopy that simplify machine identification mounting
+ Various safety glass options
+ Automatic engine shutoff if dozer is tipped or rolls over
+ Seat belt warning system
+ Operator Not Present monitoring system
+ Cat MineStar™ Detect and Command capabilities

Above features available on D11 (07B) and D11 XE Dozers.

PRODUCTIVE DOZING BEGINS WITH A PRODUCTIVE OPERATOR

The D11 XE is designed for comfort, infused with safety enhancements and updated with dozens of efficiency-boosting features that keep your operators productive all shift long.

UNPARALLELED OPERATOR ENVIRONMENT

The operator station in the D11 XE is designed to reduce effort and exposure. The suspended undercarriage absorbs impact and reduces the shock loads transferred to the undercarriage by up to 50%, resulting in a smoother, more comfortable ride.

The cab is unparalleled, with enhanced ergonomics, a fully adjustable air suspension seat, and controls that are easy to access and operate. Low-effort electronic steering, ripper and dozer controls are easily accessible and provide sure, precise maneuvering. The standard isolation-mounted cab reduces noise and vibration, and conveniently located air circulation vents evenly distribute airflow for maximum comfort.

INTUITIVE TOUCHSCREEN DISPLAY

The operator's primary display screen is large, fast and powerful, with plenty of memory and an intuitive menu structure. The multifunction touchscreen display is the operator's gateway to monitoring machine performance and a convenient way to modify machine parameters to tailor performance to the current task. The Work Monitor menu screen collects machine data and provides real-time feedback on machine performance to optimize productivity.

TOP 5 REASONS

OPERATORS LOVE THE D11 XE

1 **It's easy to operate, with no gears to shift and exceptional maneuverability.**

2 **It's quiet and comfortable.**

3 **It offers high controllability thanks to automatic overspeed, braking and retarding control.**

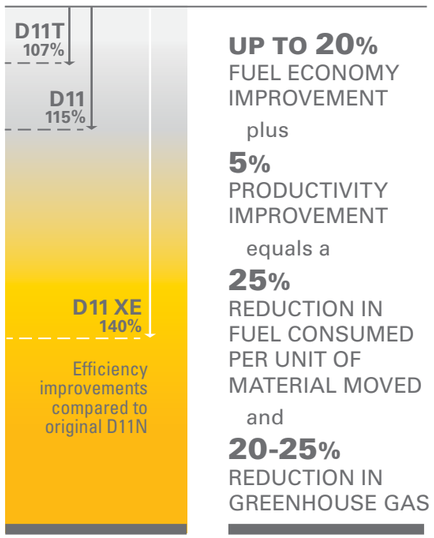
4 **It delivers continually optimized power to the ground, so they can just choose the speed and go.**

5 **Its power-turn capability allows them to push a full blade load through a turn.**

INCREASE YOUR EFFICIENCY. REDUCE YOUR IMPACT.

The D11 XE is the most efficient D11 ever made, delivering significant benefits to your operation in terms of productivity and cost per ton. That efficiency also translates into another important benefit: a reduced impact on the environment.

DECREASING $C0_2$ EMISSIONS from the D11N » D11XE



UP TO 20%
FUEL ECONOMY IMPROVEMENT

plus

5%
PRODUCTIVITY IMPROVEMENT

equals a

25%
REDUCTION IN FUEL CONSUMED PER UNIT OF MATERIAL MOVED

and

20-25%
REDUCTION IN GREENHOUSE GAS

Thanks to its highly efficient electric drive powertrain, the D11 XE delivers up to a 20% fuel economy improvement plus a 5% productivity improvement, which equals a 25% reduction in fuel consumed per unit of material moved and 20-25% reduction in greenhouse gas when compared to the D11.

While engine power between the D11 XE and D11 is similar, the improved efficiency of the electric drive powertrain means more power is available to the ground under full load.

+ When lightly loaded, electric drive provides large fuel economy benefits with a moderate productivity improvement.
+ Under heavy loads, electric drive puts more power to the ground, improving productivity substantially while still providing a significant fuel economy benefit.

In addition, the D11 XE is powered by the C32B engine, which meets U.S. EPA Tier 4 Final, EU Stage V and other equivalent emissions standards.

The D11 XE offers a simple, maintenance-free diesel oxidation catalyst (DOC) aftertreatment solution that delivers measurable benefits compared to diesel particulate filters (DPF).

+ Eliminates the need for thermal management or regeneration, reducing downtime.
+ Does not require diesel exhaust fluid (DEF) and eliminates DEF-related maintenance.
+ Minimizes total fluid consumption.
+ Eliminates the need for any DEF infrastructure on the dozer or storage on site.

DOZE. REBUILD. REPEAT.

The D11 frame, powertrain and major components are built to be rebuilt using new, remanufactured or rebuilt parts and components, so you can take advantage of multiple lives of like-new performance at a fraction-of-new price.

Longer rebuild intervals are a key contributor to the D11 XE's low total cost of ownership.

+ **All major electric drive components are designed for two lives. At half life, the generator and motors require just rebearing, reseal and inspection, while the inverter and cables require inspection only.**
+ **Following the Cat dozer design principle of component modularity, all major components can be removed without touching any others, streamlining service and minimizing downtime.**

Compared to the D11, you'll achieve the same total operating hours in an average 70,000- to 75,000-hour lifecycle with one less rebuild required over the life of the D11 XE.

REDUCE YOUR DOWNTIME.

REDUCE YOUR COSTS.

Serviceability. Reliability. Durability. Long life. These outcomes are key components of our design philosophy for every large dozer. And the D11 XE takes them to the next level, boosting uptime and helping you lower owning and operating costs.

DOWNTIME-REDUCING ELECTRIC DRIVE

D11 XE powertrain life is 20% longer than the D11, and it requires less frequent replacement of major components. With 60% fewer parts in the electric drivetrain and ultimate powertrain serviceability, it takes less time and fewer touches to keep the dozer operating at peak performance. In addition, the D11 XE's electric drive system operates at a lower high-idle engine speed for increased life.

ESTIMATED **30%** REDUCTION IN POWETRAIN LIFECYCLE COST

HIGH DURABILITY

The entire D11 XE powertrain has been redesigned to improve service life and increase durability. Planned component repair (PCR) time has been increased from 15,000 hours to 18,000 hours.

You'll also experience more durability through improved automatic machine protection, the new C32B engine and reduced operating temperatures.

ENHANCED SERVICEABILITY

Serviceability is enhanced by modular design and component sharing with mechanical drive models, with up to 85% commonality with the D11. Like its mechanical drive counterpart, the D11 XE offers grouped maintenance points to minimize movement around the machine, and provides ground-level service access for all fluids and key components.

Like the next generation D11, the D11 XE includes a number of enhancements designed to streamline maintenance:

+ Large oil sump capacity, which extends 500-hour planned maintenance intervals.
+ Bushed pin joints in ripper and blade pusharms, which eliminate the need for weld repair and line boring at overhaul.
+ Autolube system, with ground-level fill and automatic shutoff capability.
+ Continuous fluid monitoring on all compartments, including direct fluid monitoring of the hydraulic tank and pivot shaft reservoir.
+ Single-plane cooling system for easy cleaning.
+ New radiator guard and upgraded case and frame, which help improve durability, extend equipment life and reduce maintenance downtime.
+ Larger lift cylinder trunnion bearings.
+ Swing-out doors for improved cleaning access to the cooling package.
+ A more durable tag link trunnion with replaceable bearing.
+ A simplified, single-piece mainframe side sheet that reduces downtime.

ONBOARD TECHNOLOGY SOLUTIONS: GET THE BENEFITS OF SEAMLESS INTEGRATION

AUTOCARRY™

The Autocarry™ feature provides automatic blade control during the carry segment, reducing operator fatigue and helping to maximize productivity and minimize slip.

+ Increases productivity up to 15%
+ Lowers cost per unit of material moved
+ Delivers better performance in limited visibility

GRADE CONTROL 3D

Using dual ROPS-mounted GNSS antennas and blade-mounted Inertial Measurement Unit (IMU) sensors, this feature provides precise positioning of the cutting edge, eliminating the need for masts and cables on the blade. The system also reduces the need for grade staking and grade checking.

+ Reduces number of people required on site
+ Lowers personnel costs
+ Enhances safety

DUAL-TILT AUTOMATED BLADE ASSIST

This standard feature automates the movement of the blade to several key preset pitch positions. The positions of each segment (load, carry and spread) can be set through the Information Display or the push-button keypad.

+ Increases efficiency
+ Reduces operator workload

AUTOMATIC RIPPER CONTROL

This optional feature monitors the dozer speed with the ROPS-mounted GNSS to automatically adjust engine speed and ripper depth to minimize track slip and maximize productivity.

+ Decreases wear and tear on the machine
+ Reduces operator fatigue

The innovative features of the D11 XE go well beyond its revolutionary electric drive system. Like the next generation D11, advanced technologies are completely integrated into the dozer, creating smart machines and more informed operators to maximize the productivity of your operation.

Products like Automated Blade Assist, Enhanced Auto Shift, Autocarry, Cat Grade Control 3D, Automatic Ripper Control and Terrain with Automatic Blade Control are seamlessly integrated into the D11 XE. In addition, it comes out of the factory ready to integrate Cat MineStar technology, which takes accuracy, efficiency and safety even further.

CAT MINESTAR™ SOLUTIONS FOR DOZING: WORK MORE ACCURATELY, SAFELY AND EFFICIENTLY

Cat D11 and D11 XE dozers are factory-ready to incorporate Cat MineStar Solutions, a suite of technology offerings that can help make your operation safer, more productive and more efficient.

RUN YOUR DOZERS REMOTELY: COMMAND FOR DOZING

MineStar Command for dozing offers multiple levels of remote control and even semi-autonomous operation, helping increase operator safety and comfort as well as the productivity of your dozer fleet. Whether you choose the over-the-shoulder remote control console or the remote operator station, your operators can have full control of the dozer without being exposed to dust, noise, vibration or other hazards. With semi-autonomous dozing, a single operator can manage multiple machines from a remote location, boosting productivity and safety.

SPEED THE WORK: TERRAIN WITH AUTOMATIC BLADE CONTROL

Terrain's Automatic Blade Control feature provides full automatics, full blade load and overcut protection integrated into the machine control system. These tools speed the work, decrease fuel burn and minimize overcut, overfill and rehandling.

INFORM YOUR OPERATORS: TERRAIN FOR GRADING

With onboard guidance tools and real-time feedback, MineStar Terrain for grading gives operators the information to maximize machine efficiency by monitoring ore bodies, bench heights, cycle times and volume of material cut and filled. Inputs from the office tell operators where to dig or cut, how much material to move, when they've moved enough and even if they've moved too much.

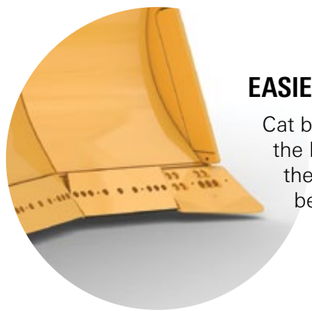
TAKE ADVANTAGE OF INTEGRATED TECHNOLOGIES

CAT® BLADES & ATTACHMENTS

THE IDEAL MATCH FOR CAT DOZERS

Decades of dozer research and development have made Caterpillar the leader in blade technology. Cat blades are designed for loadability and constructed of high-tensile strength materials to produce big numbers over a long life.

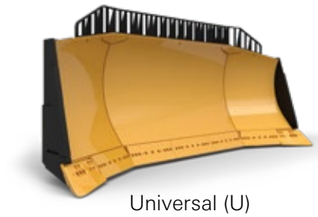
+ Optimal heel clearance and sharp cutting edge angle, which make the blade more aggressive in tough material
+ Superior loadability due to heavy moldboard construction and bolt-on hardened cutting edges and end bits
+ Ability to resist torsional bending and distortion
+ Material thickness chosen specifically to increase wear resistance and dozing effectiveness without sacrificing machine balance or performance



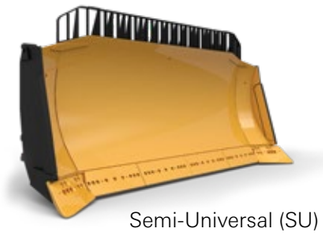
EASIER BLADE LOADING IN HARD-TO-PENETRATE MATERIALS

Cat blades are designed with the optimal heel clearance. Like the D11, the D11 XE features a 29.3° interior angle between the back bottom of the blade and the ground. This clearance angle allows the blade to better penetrate and load.

BLADE OPTIONS FOR THE D11 XE

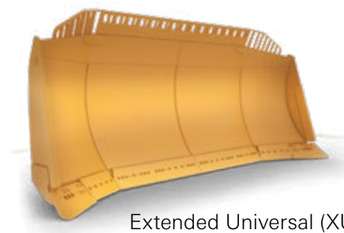


Universal (U)



Semi-Universal (SU)

Carrydozer (CD)



Extended Universal (XU)

SPECIALTY BLADES

Work-tool options are available for applications requiring high-capacity blades for light materials.

+ Coal Blades
+ Reclamation Blades

REAR ATTACHMENTS

Single-shank Ripper

Multi-shank Ripper

SPECIALTY ATTACHMENTS

+ Multi-shank Leach Pad Ripper
+ Multi-shank Coal Ripper (five shank)
+ Counterweight
+ Rear Drawbar with Counterweight

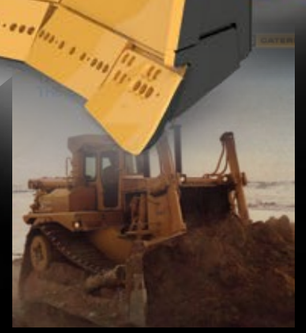
GO THE DISTANCE

WITH CAT DOZERS

Caterpillar has the industry's broadest lineup of dozers working in dozens of applications, climates and environments. They're made to go the distance, with a proven design and durable construction that deliver multiple lives. And when it comes to productivity, they'll help your operation go the distance.

Their unmatched durability means they can handle the most challenging jobs on your site. They're infused with performance-enhancing features and onboard operator assist functionality to help you improve the efficiency of your dozing operation. They're easy to operate and service, designed to keep operators safer on the job, and supported by the world-class Cat dealer network.

The result? High reliability, maximum productivity and long life through multiple rebuilds to drive the lowest total cost of ownership.



When the forefathers of Caterpillar, Benjamin Holt and C.L. Best, developed the crawler tractor more than 100 years ago, it was a game-changer when compared to the wheeled tractors available at the time.

Similarly, the introduction of high drive in 1977 was a Caterpillar innovation that revolutionized dozing. And now, Caterpillar has introduced another groundbreaking piece of machinery: the D11 XE. It's the first electric drive large dozer in the world. And it changes everything.

TECHNICAL SPECIFICATIONS

See cat.com for complete specifications.

ENGINE		
Engine Model	U.S. EPA Tier 2 Equivalent U.S. EPA Tier 4 Final/EU Stage V	Cat C32B Cat C32B
Bore	145 mm	5.7 in
Stroke	162 mm	6.4 in
Displacement	32.1 L	1,959 in³
Engine Power		
Gross SAE J1995*		
Forward	670 kW	899 hp
Reverse	757 kW	1,015 hp
ISO 14396		
Forward (U.S. EPA Tier 2 Equivalent)	657 kW	882 hp
Forward (U.S. EPA Tier 4/EU Stage V)	658 kW	882 hp
Reverse (U.S. EPA Tier 2 Equivalent)	744 kW	998 hp
Reverse (U.S. EPA Tier 4/EU Stage V)	745 kW	999 hp
Net SAE J1349/ISO9249		
Forward	634 kW	850 hp
Reverse (U.S. EPA Tier 2 Equivalent)	714 kW	957 hp
Reverse (U.S. EPA Tier 4/EU Stage V)	712 kW	955 hp

*Excludes all fan losses.

Engine ratings apply at 1,800 rpm.

Net power advertised is the power available at the flywheel when the engine is equipped with air cleaner, muffler, alternator, fan and engine emissions controls as required.

SERVICE REFILL CAPACITIES		
Fuel Tank – Usable Volume	1763 L	466 gal
Cooling System	192 L	50.7 gal
Engine Crankcase Sump	133 L	35.1 gal
Powertrain	415 L	109.6 gal
Final Drives (each)	40 L	10.6 gal
Track Roller Frames (each)	94 L	24.8 gal
Pivot Shaft Oil	104 L	27.5 gal
Hydraulic System Tank Only	160 L	42.2 gal

WEIGHTS		
Operating Weight Single-shank ripper, U blade, 710 mm / 28" ES shoes	108 314 kg	238,794 lb
Operating Weight – Carrydozer Single-shank heavy ripper, carrydozer blade, 915 mm / 36" ES shoes	117 007 kg	257,958 lb

TRANSMISSION		
1.0 Forward	4.0 km/h	2.5 mph
2.0 Forward	7.0 km/h	4.4 mph
3.0 Forward	12.2 km/h	7.6 mph
1.0 Reverse	4.8 km/h	3.0 mph
2.0 Reverse	8.5 km/h	5.3 mph
3.0 Reverse	14.7 km/h	9.1 mph

D11 BLADE	CAPACITY	WIDTH OVER ENDBITS	HEIGHT
Semi-Universal	27.2 m³ | 35.6 yd³	5584 mm | 18.3 ft	2866 mm | 9.4 ft
Universal (standard pitch)	34.4 m³ | 45.0 yd³	6340 mm | 20.8 ft	2875 mm | 9.4 ft
Universal (extended pitch)	34.4 m³ | 45.0 yd³	6341 mm | 20.8 ft	2876 mm | 9.4 ft
XUniversal (extended pitch)	42.1 m³ | 55 yd³	6399 mm | 21.0 ft	3119 mm | 10.2 ft
Carrydozer	43.6 m³ | 57 yd³	6704 mm | 22.0 ft	3236 mm | 10.6 ft

DIMENSIONS	D11 XE	D11 XE CD
Ground Clearance*	777 mm | 30.6 in	777 mm | 30.6 in
Track Gauge	2896 mm | 114 in	2896 mm | 114 in
Width Without Trunnions (standard shoe)	3782 mm | 148.9 in	3806 mm | 149.8 in
Height (FOPS cab)*	4405 mm | 173.4 in	4405 mm | 173.4 in
Length of Track on Ground	4444 mm | 175 in	4444 mm | 175 in
Overall Length – Basic Dozer	6160 mm | 242.5 in	6160 mm | 242.5 in
Overall Length with SU Blade and SS Ripper**	10 525 mm | 414.4 in	10 712 mm | 421.7 in

*Includes grouser height for total dimensions on hard surfaces

**CD Blade on D11 XE CD

STANDARD & OPTIONAL EQUIPMENT

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

OPERATOR EQUIPMENT	STANDARD	OPTIONAL
ROPS/ FOPS, Sound-Suppressed Cab	•	
High-Definition Primary Touchscreen Display	•	
MineStar Terrain Display		•
Visibility – Rearview Mirrors	•	
Visibility – Camera: Ripper Tip View		•
Visibility – Dual Camera		•
Visibility – Four Cameras, 360-Degree View		•
Air Conditioner and Heater with Automatic Climate Control	•	
Seat – Cloth with Air Suspension	•	
Seat – Heated, Cooled, Adjustable Lumbar and Bolsters		•
Cab Glass – Single-Pane Tinted Safety	•	
Cab Glass – Dual-Pane Laminated Impact Safety		•
Cab Glass – High-Pressure Safety (4 0 psi / 275 kPa)		•
Cab Access – Blade Pusharm Steps and Grab Handle	•	
Cab Access – Powered Ladder with Alarm		•

CAT TECHNOLOGY PRODUCTS	STANDARD	OPTIONAL
VIMS℠	•	
Automated Blade Assist (ABA)	•	
Autocarry		•
Auto Ripper Control		•
Terrain with 3D Blade Control		•
Terrain Ready		•
Cat Product Link™ Elite (cellular)		•
Cat Product Link Elite Dual Mode (cellular + satellite)		•
Command for Dozing Ready		•

MAINTENANCE AND SERVICE	STANDARD	OPTIONAL
Ecology Fluid Drains – All Compartments	•	
Hinged Bottom Guards	•	
Sound-Reduction Sealed Bottom Guards		•
High-Speed Oil Change – Engine and Transmission	•	
Ground-Level Fast Fuel Fill	•	
Ground-Level Fluid Fill and Drain		•
Ground-Level Electrical Service Station	•	
S·O·S℠ Fluid Sampling Ports	•	
Diagnostic Connector	•	
Ripper Lubrication – Autolube with Ground-Level Fill		•

UNDERCARRIAGE	STANDARD	OPTIONAL
Suspension-Type Undercarriage	•	
Sleeve Bearing Track	•	
Lifetime-Lubricated Rollers and Idlers	•	
Track Shoe (ES): 710/810/915 mm (28/32/36 in) Width	•	
Track Shoe (Super Extreme Service [SES]): 710/810/915 mm (28/32/36 in) Width		•
Track Links – Heavy-Duty XL – Duralink		•
Track Shoe – Abrasion Resistant		•
Track Shoe – Anti-Packing Round Hole		•
Abrasion Rollers and Idlers		•
Cold-Weather Rollers		•
Carrier Roller		•

ELECTRICAL	STANDARD	OPTIONAL
24V Electric Start, Dual Starters	•	
Batteries – 4x4, 200-Amp Hour, 12V	•	
Battery Isolation	•	
Battery Isolation – Dual Pole		•
Lights – LED – 13 Positions	•	
Lights – Premium LED – 13 Positions		•

HYDRAULICS	STANDARD	OPTIONAL
Electronically Controlled, Load-Sensing Dozer Lift and Tilt	•	
Electronically Controlled, Load-Sensing Ripper Lift and Pitch	•	
Dozer Blade – Dual Tilt	•	
Dozer Extended Blade Pitch		•
Electronically Enabled Blade – Quick Drop	•	
Ripper Pin Puller		•

OTHER	STANDARD	OPTIONAL
Fire-Suppression Ready		•
Fire Suppression Installed		•

CAT POWERTRAIN	STANDARD	OPTIONAL
Cat® C32B Engine – US EPA Tier 4 Final, US EPA Tier 2 Equivalent, EU Stage V	•	
Variable Speed Dual Path Electric Drive	•	
Auto Engine Idle Shutdown	•	
Thermal Manifold and Turbo Shields	•	
High-Performance Single-Plane Cooling Module	•	
Tiller Steering – Electric Control	•	
Hydraulic Cooling Fan – Automatic Reversing		•

ELECTRIC DRIVE
D11XE

AEXQ4743

Build Number: 07B

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