



TAKE INNOVATION TO A NEW LEVEL

Cat large dozers became the industry leader by being innovative — and today's D11 takes innovation to a new level. 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. In addition, the D11 comes out of the factory ready to integrate Cat MineStar™ technology, which takes accuracy, efficiency and safety even further.



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

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 up to four 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 on D11 dozers. 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.

AUTOCARRY

The Autocarry feature provides automatic blade control during the carry segment, reducing operator fatigue and helping to keep slip at the optimum level for best performance.

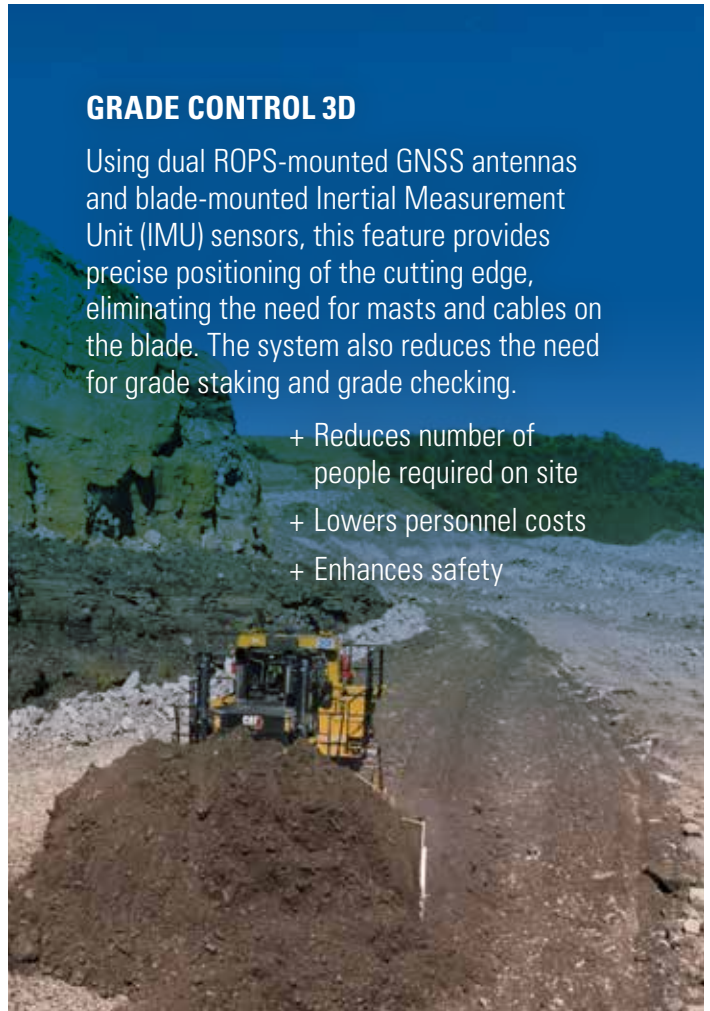
- + Increases productivity up to 15%
- + Lowers cost per unit of material moved
- + Delivers better performance in limited visibility



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



GET THE BENEFITS OF SEAMLESS INTEGRATION ONBOARD SOLUTIONS

DUAL-TILT AUTOMATED BLADE ASSIST

Automated Blade Assist (ABA) comes standard with the dual-tilt feature. This 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.

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

