



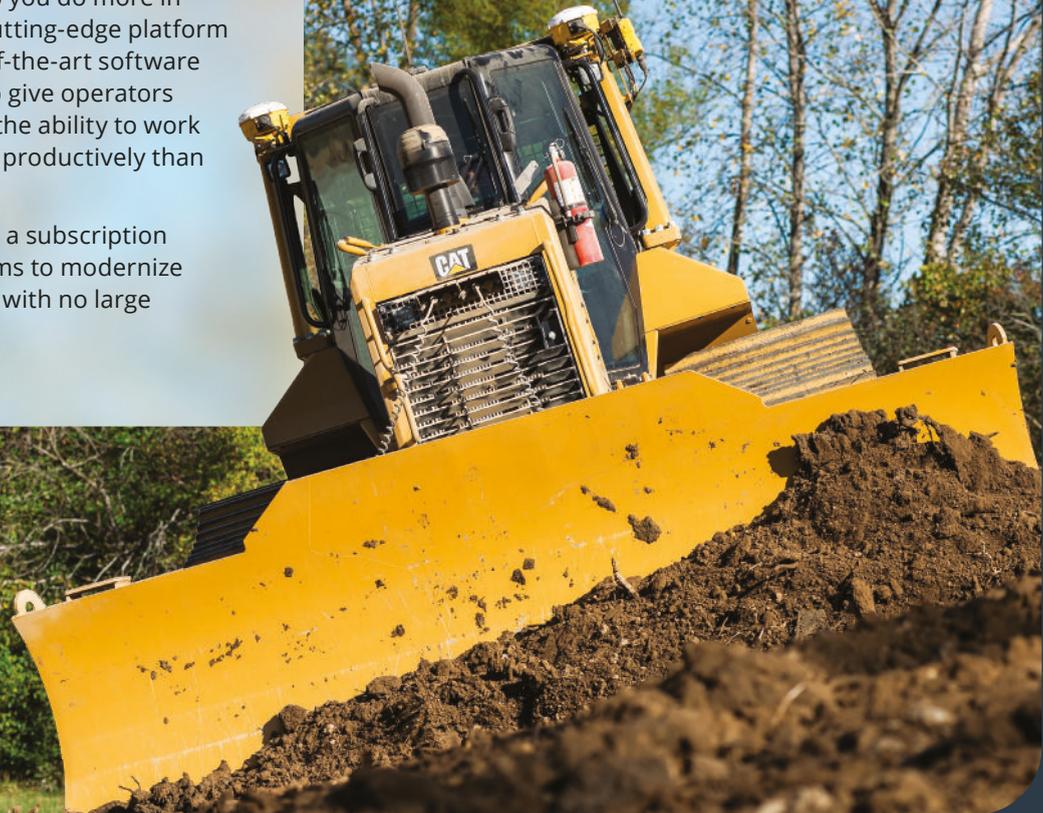
# Trimble Earthworks grade control platform for dozers

## Running on time, versus out of time

Ask for the next generation of machine control. From the company that invented machine control.

The **Trimble® Earthworks grade control platform for dozers** is designed to help you do more in less time. Our cutting-edge platform features state-of-the-art software and hardware to give operators of all skill levels the ability to work faster and more productively than ever before.

Also available as a subscription with flexible terms to modernize your equipment with no large upfront cost.



## Intuitive software, rugged hardware

The Trimble Earthworks software runs on the Android™ operating system with either the 10-inch (25.4 cm) Trimble TD540 display or the 7-inch (17.8 cm) Trimble TD510 display. Colorful graphics, natural interactions and gestures and self-discovery features make Trimble Earthworks intuitive and easy to learn.

Each operator can personalize the interface to match their workflow and a variety of configurable views make it easier to see the right perspective for maximum productivity.

Android OS

Modern, colorful graphics



Rugged display

Configurable views



## Focus on grade

Horizontal steering control functionality for dozers automatically controls the machine to follow any horizontal alignment such as a back of a curb, breakline, roadway centerline or bottom of slope – without operator assistance. Operators can also manually set up offsets from selected alignments that the machine can follow.

Focus on the grade, machine productivity and safety rather than worrying about steering – reducing operator fatigue and errors. Horizontal steering control functionality enables the machine to follow the horizontal guidance from the 3D model, providing operators increased awareness of their surroundings, better accuracy and improved productivity with decreased overlap and fewer passes.

## Cab-mounted portability

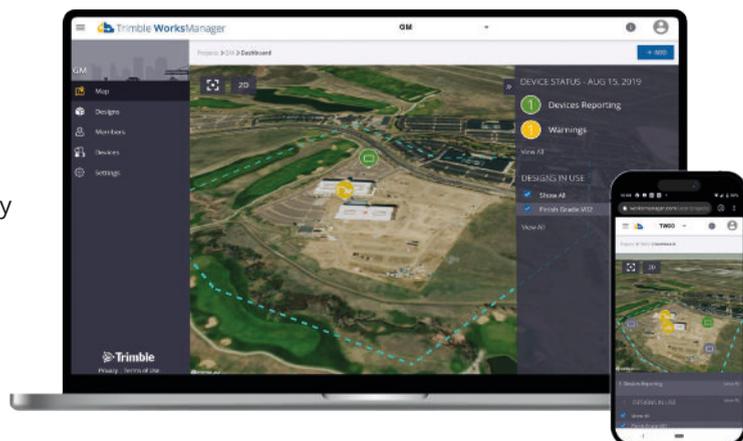
Trimble Earthworks for dozers mounts dual GNSS antennas on top of the cab to eliminate masts and cables traditionally located on the blade. The dual GNSS antennas are ideal for steep slope work and complex designs with tight tolerances.

This configuration allows you to easily move the antennas to other machines, to maximize your investment and keep your machines working. Save time with the more convenient cab-mounted antennas that eliminate the need to reinstall them each day.

## Connected workflows

To ensure everyone is operating from the latest design, transfer data files to or from the office wirelessly and automatically using Trimble WorksManager, mobile-friendly software that easily manages data and technology assets across project sites.

Trimble WorksManager software



# Trimble Earthworks: dozer configurations

## Cab-mounted dual GNSS system

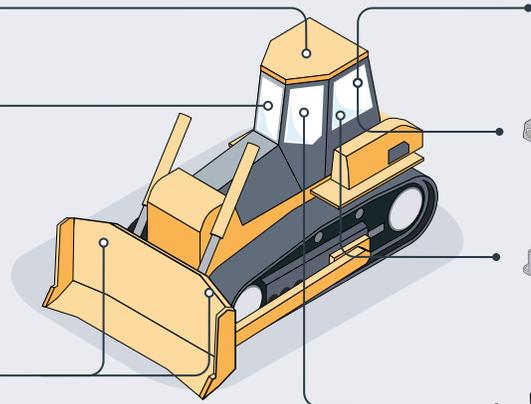
MS97X or MS99X  
GNSS smart  
antenna/s



TD5X0 display



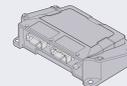
GS520 sensors



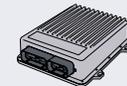
SNRX3X  
on-machine  
radio



Connected Site®  
gateway



EC520  
electronic  
controller



NavController III  
(optional  
horizontal  
steering control)

## Universal total station system

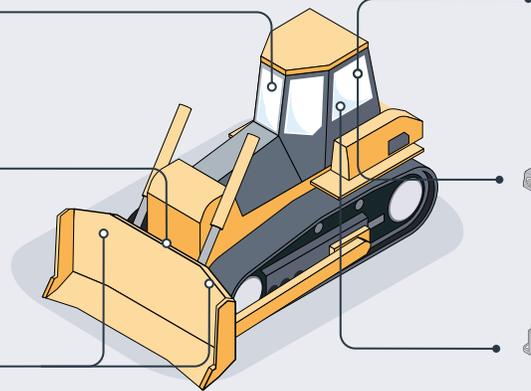
TD5X0 display



Mast and MT910  
machine target



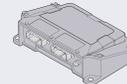
GS520 sensors



SNRX3X  
on-machine  
radio



Connected Site  
gateway



EC520  
electronic  
controller

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