

3D Machine Control for Excavators



- Eliminate Over Excavation
- Cut Flat to Vertical Surfaces
- Bright, Easy-to-use Color Touch Screen
- Cut Grade Fast and Accurate, the First Time
- Improve Job Safety

SPECIFICATIONS

Power

Supply Voltage 10-30 Volts

Environmental

Operating Temperature -20°C to 60°C

Water Proof MIL STD 810D
Method 506 or IPX6

Warranty

Standard 1 Year

Control Box

Display VGA full-color touch screen
with enhanced brightness

Data/Memory Port USB, Ethernet, *Bluetooth®*

Operating System Windows® XP

Backlight Auto adjusting

For more specification information:
topconpositioning.com/x63



Topcon TotalCare

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PRIMARY FEATURES

X63

GPS+ Grade Control for Excavators

X63 combines the advantages of our industry leading GPS+ technology together with our industry standard operator interface.

Topcon's X63 consists of two GPS+ antennas, four 360° tilt sensors that measure the angles between the cab, boom, stick and bucket, a GPS+ receiver and Topcon's GX-60 color, touch screen control box.

With X63, you'll eliminate over excavation and control material usage saving you time and money. X63 gets you to grade faster, and keeps you there, even in deep, blind cut situations or when digging under water. The GX-60 control box allows the operator to "see" the machine's exact position on the site, and the bucket's position at all times. Final grade, and the distance of the bucket teeth from it is clearly displayed on the GX-60, and the cut/fill indicator simply and clearly guides the operator to grade; red = cut, green = on grade, blue = fill. Multiple views can even be used when more detailed information is

required including plan, profile, sectional and dual grade indicators.

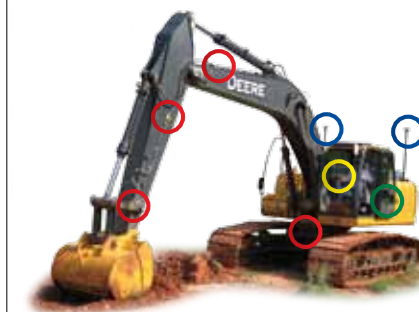
Features and Benefits

- Safe and Productive – Operator controls entire excavation task; No one in harms way
- Get to grade faster, more accurately – no over cut or under fill
- Grade accurately in deep, blind, even underwater cuts
- Change buckets on the fly. Store up to six different sizes
- Secondary (knuckle) boom support
- Same easy to use 3DMC software used in other machines such as dozers, graders and scrapers
- Combine up to three user defined views including plan, profile and section

Applications

- Site preparation
- Utilities
- Roads and highways
- Ponds, canals and rip rap
- Land fills
- Complex designs

KIT COMPONENTS



1 - Control Box



4 - 360° Tilt Sensors



2 - GPS+ Antennas



1 - GPS+ Receiver

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