



2D, 3D or automatic control now with a future-proof upgrade path

# 2D / 3D Machine Control Excavator System

**Cut grade quickly and accurately**

**Cut flat, vertical and 3D surfaces**

**Fully upgradeable**

**Improves job safety**

**Integrated multi-constellation GR-i3 GPS receivers**

## Upgrade now to a 'future-proof' excavating system

Select the X-53x automatic system now; or start with either the X-52x (2D system) or X-53x (3D indicate system) and easily upgrade them later if the need arises. No matter which system you start with, you will greatly enhance the efficiency of your excavating projects. 3D systems show a 30% productivity increase over non-equipped machines.

## Get to grade faster

The 2D system ensures you will always cut to the correct grade, while the full 3D system provides even more advanced positioning assistance that reduces the need for stakeout, grading and survey personnel. An automatic system adds even more productivity and savings, keeping you exactly on grade and letting even novice operators work like a pro. This allows you to work more independently, streamlining your workflow, and allowing you to deliver on schedule.



## GPS receivers

The X-53x system features fully integrated multi-constellation GR-i3 GPS receivers for precise positioning of the boom, stick and bucket at all times.



## Controller

The future-proof, compact and ruggedized MC-X1 GPS machine controller supports current 2D/3D indicate systems now and future planned enhancements.



## Tilt sensors

Tilt sensors are mounted on the boom, stick and bucket for elevation guidance at any angle.



## Joysticks

The 3D automatic configuration includes custom joysticks to put the power of automatics at your fingertips.



For more information:

2D: [topconpositioning.com/x-52x](http://topconpositioning.com/x-52x)

3D: [topconpositioning.com/x-53x](http://topconpositioning.com/x-53x)

Auto: [topconpositioning.com/AutoX-Info](http://topconpositioning.com/AutoX-Info)

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