

# 3D Automatic Excavator Control

X-53x



New level of excavator control at  
your fingertips

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# The X-53x Automatic Excavator Option

Greater precision in the palm of your hand

To meet today's demanding deadlines, working faster and smarter is critical. Now you can with the X-53x Automatic Excavator option by Topcon. It resets the bar for excavator systems by eliminating over digging and enabling operators to work with greater accuracy and productivity – allowing you to squeeze more profit out of every project.

## **Conventional systems can't keep up**

The X-53x Automatic Excavator can take control of boom to precisely guide the bucket edge depth to the grade design. The operator simply pulls back on the joystick and the system automatically controls the depth and shape of the grade cut. Now, greater speed and efficiency is only a touch away.

## **Finally, a machine that works the way you do**

When we created the X-53x, we had you in mind. Unlike other systems, it's intuitively-designed to feel like a natural extension of the operator. Convenient fingertip button controls on the custom joysticks provide instant access to the automatic features. The operator decides the exact moment to engage automatic grade depth and bucket angle assistance. It's unmatched control for maximum productivity.

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**Dig exactly to design grade**

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**Tackle complex designs with ease**

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**Eliminate over digging and reduce rework**

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**Experience less mental and physical fatigue**

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**Greater accuracy and productivity for pro operators**

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**Shortened learning curve for novice operators**

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“ The Topcon X-53x allows us to work 25 to 30% faster than using (versus) a conventional machine.

” **Brian Amling**  
Project Manager  
Northern Illinois Service Co.

**Dig like a pro on every job**

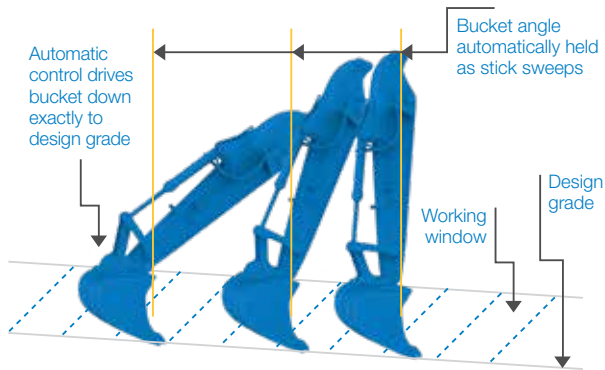
The X-53x is designed to handle any job with speed and ease. Trenching, flatwork or more complex designs; you'll dig exactly to design every time. Our bucket mode feature locks the current angle of attack and automatically adjusts while the operator pulls the stick. Experienced operators can work with greater ease and beginners can look like a pro in no time.



# Simply Powerful Solutions

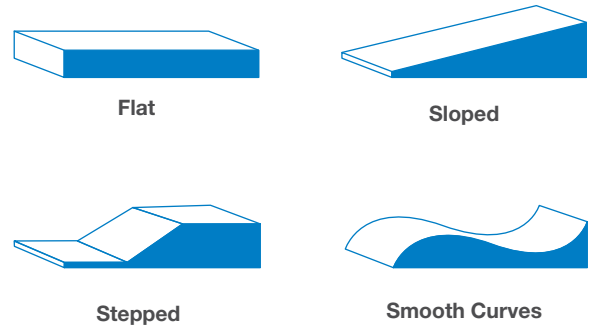
## Putting you in command

With the X-53x, you're the boss. Our Working Window feature allows the operator to set a desired distance above the design grade, which can be easily adjustable for soft soil or hard pan. When the cutting edge of the bucket enters the Working Window, the system automatically engages or "latches" to dig with unmatched precision.



## Always on grade

With our grade control feature, any operator can shine. This advanced feature allows the cutting edge of the bucket to follow the 3D design surface. Once the bucket enters the Working Window, the operator simply pulls the joystick back and the system does the rest.



### A system that grows with your business

As projects get more complex and budgets get tighter, you may need to upgrade your current system to meet the new demands. But that shouldn't mean scrapping your current system. We've made upgrading easy, whether you are going from a 2D system to more precise 3D system or you're ready to move to a fully automatic 3D solution with custom joysticks and even greater control.

### Faster, Better, More Profitable

The X-53x Automatic Excavator allows you to tackle even the most complex jobs in less time by eliminating over digging and costly rework. Unlock more productivity from seasoned operators, while getting newer operators up to speed faster. Now, meeting tough deadlines is easier, putting more performance bonuses within reach. All of which means more profit in your pocket.



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