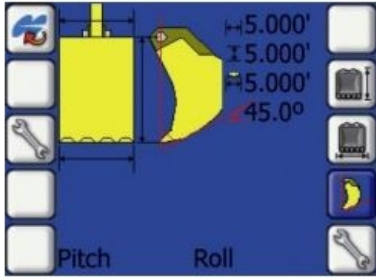


New 2-D Excavator Grade Control Systems



Topcon Europe Positioning (The Netherlands) has added two products to its series of 2D excavating control solutions – the 2DXi and the 2DXe. The new 2DXi solution for excavators can be easily upgraded to full 3D GPS+ control.

In this system, core sensor infrastructure is installed, allowing an excavator to work in a variety of everyday grading applications. 2DXi can be used for cutting slopes, excavating trenches for utilities as well as digging footings and basements. The system includes the GX-60 touch screen graphical display and four 360 degree tilt sensor all connected via a CANBus configuration. An optional LS-B10W laser receiver can be added to provide a constant elevation benchmark for the machine when it moves to a new position. With a simple password, the 2DXi can be quickly upgraded to a 3DXi-GPS+ indicate control

system, to work off a digital site model increasing productivity even further. 3DXi allows the user to receive multi-constellation signals – GPS and Glonass – for maximum signal reception in all conditions.

The new 2DXe system is ideal for large or small excavators and backhoes for use in applications where basic indicate control is all that is needed. The 2DXe offers the same level of reliability contractors expect of Topcon products at a more economical price. This system consists of four tilt sensors, the new GX-40 graphical display and a detachable light bar for grade indication. In place of a touch screen display, the GX-40 display offers a high level of functionality using easy-to-read keypad buttons.