



GX-55 Control Box	
Supply Voltage	9 to 32 VDC
Ports	2x USB Ethernet RS-232 2x CANBus 2x Digital inputs
Display Panel	640x480 Color VGA, enhanced brightness with analog touchscreen
Operating System	Windows Embedded Compact 7
Operating Temp	-40°C to 70°C
Weight	1.26 kg with backpack 1 kg without backpack
MC-i4 GNSS Receiver	
Supply Voltage	9 to 32 VDC
GNSS	Single or Dual
Ports	RS232 RS232/RS485 10/100 Ethernet CAN J1939 CAN J1939 / CANOPEN
Connectors	Deutsch DTM06 12 pin (power, ground, serial) Deutsch DTM06 12 pin (Ethernet and CAN) RP-TNC (cellular radio) RP TNC (LPS, or WiFi, or UHF radio (optional)) 2x TNC for GNSS (optional)
Shock	25 g, 11 ms, any axis
Weight	1 kg
Dust/Water Rating	IP67
TS-i3 Sensor	
Supply Voltage	10 to 30 VDC
Connectors	M12
Resolution	0.01°
Accuracy	0.1°
Housing	Cast aluminum, black powder coated surface
Dust/Water Rating	IP68, IP69K

3D Dozer - Blade Smart System



- Intuitive grade guidance with the modern and graphical GX-55 control box
- Increase your dozer applications – build your own slope or follow a design
- Optional TS-i3 tilt sensor for added benefit of blade slope and pitch

Professional indicate system for dozers

The advanced i-53 system utilizes our renown GNSS technology to deliver centimeter precision accuracy at any moment, anywhere on the job site. The system can be configured with a single GNSS antenna, single GNSS antenna with slope sensor, or with dual GNSS antennas.

You get the added benefit of being able to calculate the blade slope and pitch with robust tilt sensors. The powerful TS-i3 tilt sensors increase system response time to deliver the precise blade position and angle at any time on any of your active surfaces.

Maximum flexibility

Easily handle complex job sites or detailed design plans for your earthwork operations. The i-53 system comes with the most modern and graphical field software for any machine control system. The software seamlessly processes and converts key elements within the design – giving you the freedom to work anywhere within the job site with 3D information at your fingertips.

Working independently outside a design couldn't be easier. Through a simple, graphical tool – create your own dual slope surface with just a few button clicks and begin cutting or filling to grade. All the while, the modern control box displays bright LED lights to assist you to grade at any moment.



For more information:
topconpositioning.com/i-53

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