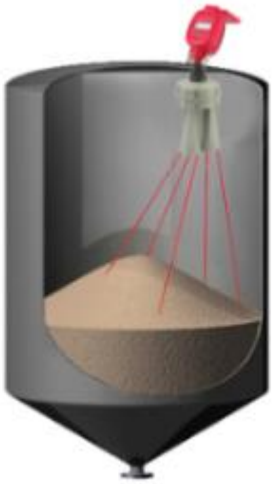
Technology to Measure Fertilizer Bin Volume Accurately

The 3DLevelScanner is proven to provide highly accurate, non-contact level and volume measurement in bins or domes containing lime, potash, urea, magnesium and other powdered or granular materials used to manufacture fertilizer.



Using low frequency acoustics, it penetrates dust that renders many other non-contact sensors incapable of accuracy.

It measures multiple points in the bin, so you're not relying on just one measurement point to calculate volume. Plus, it has optional 3D visualization of the bin's topography for detecting high and low spots.

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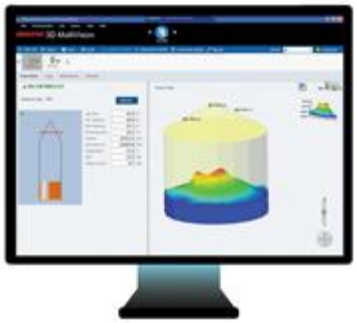
Fertilizers and the materials used in their production such as potashand lime that are dusty and clingy can wreak havoc with many level sensors. An optional Teflon-coated transducer for the sensor resists buildup, keeps the sensor accurate and operational, and requires very little maintenance with no air purge required.

Real-time level, volume and inventory data is easily accessed from your PC. You can also integrate the data to your PLC using 4-20 mA communications to integrate this data with your other systems.MultiVision software allows you to view all of your bins at one or every location and set alerts when inventory reaches critical levels, allowing you to replenish and purchase in a timely manner, so you can turn inventory more rapidly with lower carrying costs

BinMaster has installed more 3DLevelScanners than any other company in the United States. We offer a full assortment of modelsfor bins of every size. Other helpful options include mounting flanges, angled mounting adapters, and neck extensions for applications where the sensor must be extended below structure.



Give me a call at 402-434-9102, drop me an email, or fill out the 3D EZ inquiry form. We can discuss the challenges you face and quote a system for your operation.

Mike Mossage

3DLevelScanner Product Manager