



Media Contact: Jenny Christensen, Director of Marketing  
Phone: 402-434-9102 / 800-278-4241  
Email: [jchristensen@binmaster.com](mailto:jchristensen@binmaster.com)

### **BinMaster 3DLevelScanner HC Measures Corrosive Materials in Silos**



Lincoln, Nebraska (December 13, 2013)—BinMaster Level Controls introduces the 3DLevelScanner HC for accurately measuring highly corrosive materials in bins, tanks, and silos. The scanner features self-cleaning technology and an ability to infiltrate large amounts of dust, which allows it to perform reliably in harsh environments. The device allows plant operations to manage silos in real-time through the 3DMultiVision software or an HMI, allowing for the accurate monitoring of the volume of material in the vessel. The device measures from various points within the silo, ensuring that managers receive a true volume measurement of the material in the bin. Acoustics-based technology paired with 3D mapping capabilities ensure that accurate information is reported.

The 3D Level Scanner HC measures materials used in the production and storage of quick lime, ammonia, PTA, and oils, among other harsh materials. It is especially appropriate for power, petroleum, plaster, fertilizer, resin, industrial fiber, and salt production. It is especially appropriate for the mining industry, in operations such as salt mines. The scanner is built of materials which include HALAR® coating for mechanical parts, VITON® for the O-rings, and specially coated stainless steel fasteners, which ensure optimal performance.

“The 3DLevelScanner HC is a great addition to the product line. We now have a solution for monitoring inventory of highly corrosive materials such as calcium hydroxide, potassium hydroxide, PTA, and sodium chlorite,” stated Mike Mossier, the 3DLevelScanner Product Manager.

The 3DLevelScanner HC provides highly accurate level and volume measurement in challenging materials contained in bins, tanks, silos and domes. It measures uneven powder or solid material surfaces and detects cone position. The scanner also provides minimum, maximum and average distances, with a measuring range of up to 200 feet. Managers can save time, manpower and combat safety concerns through monitoring materials without actually climbing the silo. The device also provides them with the ability to share information via a remote computer, providing easily accessible, up-to-the minute data updates.

#### **About BinMaster**

BinMaster is a division of Garner Industries – an ISO 9001:2008 certified company established in 1953 and headquartered in a 75,000 square foot manufacturing facility in Lincoln, Nebraska, USA. BinMaster is strategically focused on designing, manufacturing and marketing reliable, proven sensing devices for the measurement of bulk solid and liquid materials for the feed and grain, food, plastics, pulp & paper, power, mining, and concrete industries. The BinMaster product line is sold worldwide and features many diverse technologies for bin level indication and measurement, being well known for its SmartBob2 and 3DLevelScanner advanced inventory management solutions. For more information about BinMaster, visit [www.binmaster.com](http://www.binmaster.com).

# # #