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Jenny Christensen, VP of Marketing
Phone: 402-434-9102 / 800-278-4241
Email: jchristensen@binmaster.com

BinMaster Introduces Glass Bob Sensor for Silica Sand Level Measurement in Bins



(Lincoln, Nebraska—January 15, 2014) BinMaster introduces the glass bob sensor, which is specifically designed for measuring the level of silica sand, commonly referred to as frac sand, in bins, tanks or silos. This type of sand is commonly used in the process of fracking when mining for natural gas. The glass bob sensor can also be applied in other industries where silica and other types of sand are used.

Measuring the level of silica or frac sand can create unique difficulties. If a sensor should get stuck in the material in the bin, it can get caught in the mechanical systems and stop production, leading to wasted time and expensive repair costs. The glass bob sensor can be used in place of a traditional steel spike bob, when the user wants to eliminate the risk of a metal part being introduced into the production process. It will not damage equipment or harm the product if the bob becomes crushed during processing, being that glass is essentially sand.

Like all SmartBob sensors, the glass bob sensor helps save time, money, and increases safety when measuring materials in bins by eliminating the need to climb bins and take manual measurements. Acting as an automated tape measure, the sensor takes measurements at predetermined time intervals or on demand. The glass bob sensor is dropped toward the material surface and when it makes contact with the surface, it immediately retracts and, by counting pulses, calculates a highly accurate measurement from the top of the silo to the material surface.

The glass bob sensor is compatible with other products, software and accessories in the SmartBob product line. It can be used in a mixed network of SmartBobs which are measuring other materials. Measurements from the sensor can be displayed along with data from all other tanks in the operation when the C-100 console or eBob software is being used.

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.

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