

Stop Climbing Bins to Check Levels with BinMaster's SmartBob System

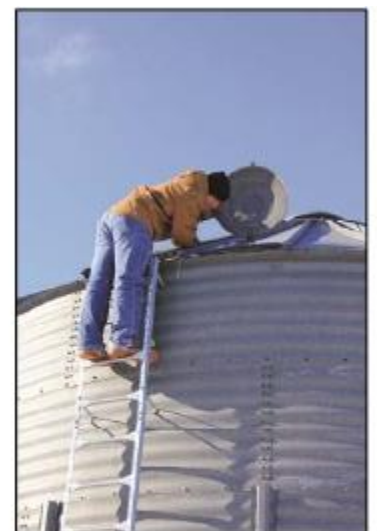
BinMaster Level Controls offers an automated grain measurement system that monitors the grain levels in each bin and lets you access them from your personal computer or Smart Phone via an Internet connection. The automated SmartBob sensors eliminate the need for climbing and using tape measures or guesswork to monitor grain bin levels. The SmartBob system reduces the risk of falls and accidents associated with climbing ladders to check bin levels, protecting your family and farm help by keeping them safe – off ladders and on the ground.

The system includes SmartBob sensors that mount on the top of each grain bin and work like an automated tape measure. There are two models of SmartBobs – the SmartBob2 for bins up to 180' tall and the SmartBob-TS1 for bins up to 60' tall.

The SmartBob sensors work by dropping a cable with a weighted probe to the surface of the grain in the bin. When the probe comes into contact with the grain, it automatically retracts and sends a measurement that can be accessed from your personal computer or a Smart Phone via the Internet. You can set up the SmartBob sensors to take measurements at scheduled time intervals throughout the day or on demand when you need one right away.

The SmartBob sensors install on the top of the bin, about one-sixth in from the outer wall of the bin, which provides the best level of accuracy when you are filling your bin in the center. They are easy to install through a 3" hole in the bin roof using a mounting plate that keeps the SmartBob sensor level on an angled roof. Once the sensors are wired for power by you or your local electrician, you are ready to stop climbing and start taking accurate, automated measurements, allowing you to monitor the inventory in your bins including:

- Distance to the grain (headroom), which lets you know how much room you have left in the bin
- The height of the grain from the bottom of the bin
- Percentage full based upon the bin's height and diameter
- Conversion to the number of bushels in the bin



**No exhausting or dangerous climbing to check bin levels!
Simply check levels on your computer or Smart Phone.**



SmartBob sensors are made in Lincoln, Nebraska, USA by BinMaster Level Controls. SmartBob sensors take highly accurate, reliable measurements and have decades of proven performance in the harsh, dusty conditions found in grain, feed, seed and fertilizer bins, tanks and silos. Whether you have a single bin, multiple bins at a single location or down the road, BinMaster can help you design a custom solution for your farm.

Here are some examples of where BinMaster's SmartBob bin monitoring solution can work for you.

- Grain storage silos
- Feed mills
- Seed storage
- Fertilizer depots
- Co-ops
- Grain elevators
- Poultry and hog farms
- Cattle feeding operations

The SmartBob-TS1 sensor is for bins up to 60' tall. It features a compact design and weighs less than 10 pounds. It has a built-in ZigBee radio for wireless communications. The SmartBob2 is a rugged, robust sensor for bins up to 180' tall. Both models feature easy installation, require no calibration, are maintenance free and are long lasting and highly reliable

Safety – No dangerous climbing of bins!


Convenience – Access you bins levels from your computer or Smart Phone.

Maximize Storage – Know which bins are full and which are not.

Security – Prevent theft by detecting when bins levels are changing.

Value – Easily calculate the market value of your inventory and sell when it's right!



	4211 N. Barnes Ave. Oklahoma City, OK. 73112 infor@clear2there.com
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