

“Push ’N Drive-Over” Gate

This new drive-over gate eliminates the need to get off your tractor to open or close a gate and can be easily moved anywhere.

The Push ’N Drive-Over Gate is made from tubular steel and can be moved and set up by one person using a loader tractor. It can be accessed from either side.

The gate is equipped with a spring steel “cushion rod” on each side, which is attached to a chain that runs on a poly roller. The spring’s tension is controlled by adjusting a link in the chain, which determines how quickly the gate will spring back up.

To open the gate, you simply push the vehicle’s front wheels against a horizontal metal guard at the bottom of the gate, which lowers the gate to a horizontal position. Animals can’t follow you out the gate because it springs right back up behind you.

The gate is available in 6, 14 and 16-ft. widths. The 6-ft. model is designed for ATV’s while the 14 and 16-ft. models are designed for tractors and trucks, etc. The vertical cushion rods are inserted into holes in the metal

guard. You can walk through the gate by removing two or three of the cushion rods and then slipping them back into the holes.

The cushion rods can be adjusted so that you can push the 16-ft. gate over with an ATV.

“It’s a simple idea and it really works good,” says Chelsea Hoffman, Rem Enterprises, Swift Current, Sask. “The cushion rods are made from spring steel, so when you drive over them they flex without scratching your vehicle. You can pull a tractor and bale shredder over the gate, or even a 30-ft. trailer, through a 16-ft. gate without damaging anything. The cushion rods can be made up to 9 ft. tall to keep deer from jumping over them.”

The gate comes in a standard yellow color but can be painted any color for an additional \$75 fee.

The 6-ft. model weighs 300 lbs. and sells for \$795; the 14-ft. model weighs 680 lbs. and sells for \$1,500; and the 16-ft. model weighs 750 lbs. and sells for \$1,775.

Contact: FARM SHOW Followup, Rem Enterprises, Inc., P.O. Box 1207, Swift Cur-



Drive-over gate is made from tubular steel and can be driven over from either side.

rent, Sask., Canada S9H 3X4 (ph 800 667-7420; remsales@rem.sk.ca; www.rementerprisesinc.com) or Lori Marshall, Kencove Farm Fence Inc., 344 Kendal Road,

Blairsville, Penn. 15717 (ph 800 536-2683 or 724 459-8991; sales@kencove.com).

Sensor Pages Operator When Bin Is Full

Watching a bin fill is like watching a pot boil. Take your eyes off for a moment, and that’s when it spills over. BinMax makes it easy to monitor bin filling even if you are busy doing other things. Two sensors detect when the bin is nearing full and when it has reached the filled stage, and a transmitter pages the auger operator.

“The pager beeps and vibrates to let you know grain has reached the sensors,” explains Ken Jackson, Agritronics. “Lights flash on both the pager and the transmitter located at the bin. A yellow light flashes when grain reaches the lower sensor, and a red light flashes when grain reaches the upper sensor.”

A mechanical engineer, Jackson developed the system after years of helping out with harvest on the family farm. “My job was driving truck and unloading,” he says. “I never enjoyed climbing the bin.”

The BinMax system consists of two sensors, a transmitter bracket, a transmitter and a pager. Each bin requires its own permanent

sensors and transmitter bracket mounted in place. However, the transmitter and pager can be moved from bin to bin. Each is powered by a single 9-volt battery, so no electrical connections are needed.

“The pager will pick up a signal when it is within about 100 yards of the bin,” says Jackson. “There are other ways of seeing what the level of grain in a bin is, but with BinMax, you don’t have to be watching constantly.”

The sensors, cable and transmitter bracket are priced at \$159 for a set. The Transmitter/Pager components are priced at \$299. The BinMax system has been distributed through Pool and AgPro in Canada for the past year. U.S. distribution is expected to be finalized in September.

Contact: FARM SHOW Followup, AgriTronics, 2221 Cairns Ave., Saskatoon, Sask., Canada S7J 1T7 (ph 306 717-6414; sales@agritronicsinc.com; www.agritronicsinc.com).



When bin is nearing full a transmitter pages the auger operator. Lights flash on both the pager and the transmitter located at the bin.

Cordless Vacuum Turned Into Nifty “Bug Sucker”

“We don’t use chemicals on our garden vegetables since we raise honeybees nearby. So, I came up with a solution to get rid of pesky bugs, especially potato bugs. I took a cordless hand vacuum and made a funnel out of a file folder to make a narrow opening at the end and taped it onto the vacuum. It works great to suck bugs right off the leaves,” says Jim Bugg, Curran, Mich.

Once the bugs are vacuumed up, Bugg places a cork in the end of the funnel to keep the bugs from escaping. In about three or four days the bugs are dead, and then he empties them out.

“I use it on my half acre garden and also in my house to suck up spiders and lady bugs,” says Bugg. “In my opinion, handheld vacuums aren’t worth a darn for household use because they don’t have enough suction power. However, the file folder funnel narrows the opening down to only 3/4 in. which greatly increases its power.”

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Funnel made out of a file folder creates a narrow opening at the end that sucks bugs off plants.



James McGowan used discarded fiberglass slats to build an arched bridge through his fence line that works like a cattle guard.

Drive-Over ATV Gate

James McGowan wanted to check on the horses in his corral with his ATV, without having to open and close a gate all the time. So the Russell Springs, Ky., farmer used discarded fiberglass slats to build a fence line arched bridge that works much like a cattle guard. The bridge is about 10 ft. long and sits 2 ft. off the ground at its highest point.

“It’s safe to use, saves time, and cattle never cross it,” says McGowan.

He got the slats from a company that makes ladders. The discards he used were originally designed to form the ladder’s legs and came in 8-ft. lengths. He cut the legs into 4-ft.

lengths. The slats are 4 in. wide and are screwed onto an arched frame taken off an old Ferris wheel ride. The frame is supported by legs that he made from lengths of 10-in. wide channel iron.

“It’s really built strong. I can drive up the ramp as fast as I want without worrying about damaging it,” says McGowan. “The edges on a couple of slats broke off so I turned the adjacent slats upside down to support them.”

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