



Bushmaster rotary cutters are galvanized and made in the U.S.A.

Cutter Head Fits Mini Excavators

Clip steep hillsides and grass choked canal bottoms with a rotary cutter designed to fit mini excavators. The Mini MX Bushmaster rotary cutters clean up problem areas fast. They are ideal for bank mowing, trail management and landscape maintenance. The hot-dipped, galvanized attachment stands up to even the toughest saltwater conditions.

"We bulletproof our rotary cutters, or we would be chasing problems every day," says Mike Minyard, Ace Manufacturing & Distributing, maker of Bushmaster cutters. "They're designed to live in a harsh environment. We have them working all over the U.S. They are especially popular in coastal areas from Louisiana to Nova Scotia because saltwater doesn't bother them."

Bushmaster cutters were introduced for use with skid steers more than 20 years ago. Later the company started making them for mini excavators.

Three models are available. The 42-in. deck fits 7,000 to 9,000-lb. mini excavators. The 48-in. deck fits 10,000 to 15,000-lb. machines, and the 60-in. deck fits 15,000 to 19,000-lb. machines. Weights for the three models range from 480 to 1,000 lbs. Decks are quarter-inch reinforced steel.

"Quarter-inch steel is the thinnest metal

on our rotary cutters," says Minyard. "The only thing that will wear out is the blades."

Minyard stresses that Bushmaster rotary cutters are built in the U.S. with high-quality components. The only exception is a tapered bolt they have been unable to find domestically.

"The rest of our bolts are made in Michigan, our blades in Tennessee, our bearings in Indiana and our hydraulic motors in Mississippi," says Minyard. "We do everything else here."

"We know which of our rotary cutters fits which mini excavator," says Minyard. "Tell us what you have, and we will sell you the one that fits. If you want a 60-in. rotary cutter for a machine built to handle a 42, we won't sell it. That's just asking for trouble."

List prices for the three models range from \$7,833 to \$9,166. "Check with your local dealer and you'll get a lower price," advises Minyard.

Two dealers in Alabama and one in Florida also sell the rotary cutters online.

Contact: FARM SHOW Followup, Ace Manufacturing & Distributing, P.O. Box 1188, Gadsden, Ala. 35902 (ph 256-547-6918; toll free 800-538-1780; www.bushmasterequipment.com).

Grain Bin "Elevator" Eliminates Ladder

By Lydia Noyes, Contributing Editor

Darmani is a Canadian family-owned and operated grain bin manufacturing company that sells grain bins direct to farmers.

The company's optional Skylift works just like an elevator - push a button, and you'll safely ride in the safety cage to the top of the bin without any climbing necessary.

"Our Skytrack system will allow the Skylift to be used on any number of bins that are of the same height and in a straight line, so depending on how many you have, it can be more cost-effective than a conventional ladder with a safety cage," says company representative Kirsten Balzer.

Featuring an easy installation process, the Skylift is made to fit any bin size and can work on both flat bottom and hopper style bins, making it compatible with virtually all brands and models. The winch itself is covered to keep it protected from the elements.

Pricing for the Skylift starts at \$4,000. Share it between two bins, and the company estimated the price would be almost half the cost of a traditional staircase.

While Darmani's target customers include everyone in need of a new grain bin or updates for existing ones, the units are also



When used with the Skytrack system, the Skylift elevator can be used on multiple bins.

designed to work with other applications, including grain legs or even a second-floor shop, house, or warehouse.

Contact: FARM SHOW Followup, Darmani North America, HWY 7 North at Fiske, Box 64, Fiske, Sask., Canada S0L 1C0 (ph 866-665-6677, sales@darmani.ca; www.grainbinstorage.ca/).



The Backeye 360 is a four-camera setup that provides an overhead view around a vehicle or equipment.

360 Degree Camera System Provides Birdseye View

Brigade Electronics says its Backeye 360, a four-camera setup that provides an "overhead view" around a vehicle or equipment is better than other camera systems out there for big equipment. Jeff Schweitzer at Brigade notes that, initially, some operators thought the Backeye 360 was distracting. But after getting used to it, they've reported it provides amazing protection for equipment and people who might be around it.

The system has ultra-wide-angle cameras that mount on the front, sides and rear of a vehicle or equipment. Simultaneous images from the cameras are "video-stitched" into a 360-degree bird's eye view within a single image. The device is ideal for low-speed maneuvering into and around tight spaces because the operator can see all sides of his vehicle or implement at once.

Brigade also produces a heavy-duty radar sensor, originally intended for the construction and mining industries, which

is also applicable to farm equipment. The sensor can mate with the camera/monitor system so operators can get alerts and see them on the screen.

Schweitzer says the alarm volume raises and lowers depending on the ambient sound around it, which makes it ideal for use near residential or commercial areas that get noise complaints from heavy machinery.

The company's mobile digital recorders connect to cameras and record footage. Files can be stored on a SIM card or uploaded through 4G or dedicated Wi-Fi.

"With a wide range of cameras, monitors, warning alarms and obstacle detection devices, we have products that can fit anybody's needs for any type of machine they're running," Schweitzer says.

Contact: FARM SHOW Followup, Brigade Electronics, 215 E. Pearl St., Portland, Ind. 47371 (www.brigade-inc.com).



A canopy system built on a portable feed trough is used to shelter horses during weddings, auctions and other events.

Mobile Shelter Provides Temporary Protection

Pennsylvania craftsmen Sam Blank Jr. and his father built a sturdy steel canopy system onto a portable feed trough, then built several more units and created a nice business in the process. They rent the canopies to families and businesses that use them to shelter horses during weddings, auctions, company picnics and other events. Blank Jr. says, "We came up with the idea when it occurred to us that horses should be out of the elements just like people rather than being tied outside in the sun, rain and cold."

The canopy is built onto 30-ft. long portable feed troughs that they buy from Farmco Manufacturing. Four pieces of 6-ft. steel tubing mounted vertically on each side of the trough and cross bracing for the roof supports the main canopy. Before setup, the trailer is stabilized with four drop legs and a battery-powered tongue jack. Fold-out steel rafters and legs on each side provide additional support and the space to create a 30-ft. long by 30-ft. wide temporary structure. White canvas rolls across the top of the canopy, down the sides and around the ends



30-ft. by 30-ft. temporary shelter can easily be set up and moved.

to provide a weather-tight shelter for 25 to 30 horses.

Blank Jr. says, "We've had neighbors and people nearly 20 miles away rent the shelters. I pull it with our JCB Fast Trac and charge \$130 a day plus \$30 for setup. In warm weather, with the sides up, they provide shade like a tree. In wet or cold weather with the sides and ends down it's a comfortable place for 25 to 30 horses."

The idea has been so successful that the Blanks have built nine of them.

Contact: FARM SHOW Followup, Sam Blank Jr., JR Rentals, 203 Churchtown Road, Narvon, Pa. 17555 (ph 717-740-9962).