Giant cutter wheel uses mower sickle sections bolted around the perimeter of a 36-in. dia. steel plate to clear a 42-in. wide path. Plate is shaft-driven by a hydraulic motor.

"The whirling action of the sickle sections sucks grass in similar to the rotating blades on a lawn mower," says inventor Mark Majerus.

Giant Cutter Wheel Cleans Up Fence Lines, Trims Trees

Being able to cut weeds and brush on both sides of a fence line was one reason Mark Majerus built his skid loader-mounted brush cutter.

"It will cut weeds under fence lines and shear off small tree branches overhanging the field," says Majerus. "A bumper guard made from round tubing lets me cut up close to fence posts without damaging the blades."

The hydraulic-powered cutter mounts on a big steel side arm made from a pair of 2 by 4-in. channel irons with 2-in. dia. pipe spacers welded on between them for strength. Mower sickle sections are bolted around the perimeter of a 36-in. dia. steel plate to clear a 42-in. wide path. The plate is shaft-driven by a hydraulic motor that's bolted onto a square steel plate, which is welded onto a metal frame that supports everything. A round metal guard is welded onto the frame just above the sickle sections.

Majerus welded angle iron "stiffeners" on top of the round plate to keep it from twisting or bending if it contacts a rock or other obstruction. The stiffeners also help keep weeds from wrapping around the motor's shaft.

"I use it on my Case 1835 B skid loader. The whirling action of the sickle sections sucks grass in similar to the rotating blades on a lawn mower," says Majerus. "It was kind of hard to get used to operating it, because the operator has to look out to the side to watch for posts and operate the controls at the same

A metal guard made from round tubing lets Majerus cut up close to fence posts without damaging the blades.

time.

"I paid $50 for the hydraulic motor and about $15 apiece for the hydraulic hoses. I bought the motor from my friend Dick Johnson, who had torn down a Tennant floor sweeper."

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53-Ft. Long Bridge Made From Shipping Container

Bob Burchett needed a bridge to cross a ravine at his rural vacation home. The ravine is 47 ft. wide so he bought a 53-ft. long, 8-ft. wide, 9 1/2-ft. tall container. There are doors on each end of the container so he can also use it as a storage shed.

"When we arrive, we open up both ends of the container so we can drive or walk across," says Burchett. "Before returning home, we park our 1927 Ford Model T Roadster as well as mowers and tractors inside and then lock the container up."

Burchett bought the container from RePurposed Materials Inc. in Denver, Colo. (ph 720 583-4873; www.repurposedmaterialsinc. com). The company "repurposes" industrial products including surplus containers which were originally used to ship cargo.

He paid $2,500 (delivered) for the container and had a crane place the metal box across the ravine. A vendor cut the back end out of the container, where a Janus roll-up door with a sliding lock on it was installed (ph 866 562-2580; https://janusintl.com). He also painted the top of the container with a white elastomeric metal roof paint in order to seal any leaks and keep rust from forming.

"I paid $600 for the crane and $800 to have the door installed. All in all it was a real

A vendor cut the back end out of the 53-ft. long shipping container, where a roll-up door was installed so Burchett can also use the bridge as a storage shed when he's not at the property.

bargain," says Burchett.

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