

# X-Blade Adapter Designed To Double Mower Capacity

Ballard Inc. has come up with a simple blade bracket for mowers that's designed to double the blade and cutting capacity. "These adapter kits were designed to turn your ordinary side discharge mower into an extreme grass pulverizing machine," says Kory Ballard.

The bracket is placed between the blades and holds them in an X pattern. Existing blade hardware is used to hold the X-Blade bracket in place.

Vacuum and grass packing is improved with the X-Blade for bagging, and side discharge leaves smaller clippings resulting in less clumping of grass.

Using a high-height blade to cut the grass

on the bottom of the bracket with a mulching blade above, pulverizes the cut grass as it cycles through the deck reducing grass clipping size. Other blade combinations can be used to achieve the desired cut.

The X-Blade adapters come in sets for 2 or 3-blade mowers and fit blades that are 2 1/2 or 3 in. wide with a 5/8 or 15/16-in. center hole and are 3/16 in. thick. They fit deck sizes from 32 to 61 in.

Mower blades used with the X-Blade must be flat. The X-Blade is not recommended for smaller push mowers, or blades longer than 21 in. It's made for use on zero turn mowers, standers, and commercial walk-behinds

that have the correct width and center hole blades. Ballard also recommends lowering the rpm's when engaging or disengaging the mower deck.

X-Blade keeps the mower's blade spindles in balance, says Ballard. It will not allow blade slippage, which can cause a blade to over torque and become difficult to remove.

X-Blade kits are priced starting at \$ 21.99 for a 2-blade mower kit plus \$10 shipping and handling.

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Adapter bracket fits between blades, holding them in an X pattern.



Deflector allows add-on mower to go all the way under lower boughs of evergreens without catching.

## Deflector Protects Add-On Mower

"I put together a side-mount mower for trimming grass and weeds under my evergreens. We have about 60 of them in our yard so it's a big job mowing around them," says Dave Meiners, Edgerton, Minn.

"I picked up a 20-in. mower at a garage sale for \$50 and picked up some metal strapping and bolts to make the drawbar and deflector that goes up over the engine.

"It took longer to disable the emergency kill mechanism from the handle than it did to do everything else. Two double-nutted studs hold the drawbar to the front of the Dixon

rider. I use self-locking nuts to fasten the link between the drawbar and mower, leaving them loose to allow movement. The pipe welded on front keeps the side mower from digging into the ground.

"The deflector lets the mower go all the way under the lower boughs of the trees without catching. Works great."

Contact: FARM SHOW Followup, Dave Meiners, 1582 61<sup>st</sup> St., Edgerton, Minn. 56128 (ph 507 829-1215; davemeiners123@gmail.com).

## Air-Powered Riding Mower Sprayer

"I made a pressurized sprayer for my riding mower using 2 air tanks from truck brakes and a 3-gal. sprayer," says Ron Nahrwald, New Haven, Ind.

"The air tanks are plumbed together and hold 150 psi. I put a ball valve and inlet for the air hose on one side and a ball valve, pressure regulator and hose disconnect on the other side.

"I glued the pump shut on the sprayer and drilled a hole in the tank to install an air hose coupling connector. I run an air hose from the air tanks to the sprayer and adjust air pressure to about 20 psi. I also installed a longer hose and a new wand on the sprayer.

"Spray pressure stays constant and lasts for hours. No more annoying hand pumping. Works great."

Contact: FARM SHOW Followup, Ron Nahrwald, 14828 Bremer Road, New Haven, Ind. 46774 (ph 260 749-5473; redspokewheel@hotmail.com).



Nahrwald made a pressurized sprayer for his riding mower by plumbing together 2 air tanks from truck brakes, then running an air hose from them to a 3-gal. sprayer.



Clutch on side-mount mower lets Drader turn off blades without shutting down engine.

## Ditch Mower Fitted With Shut-Off Clutch

"I have a very steep ditch that's about 3 ft. deep so I mounted a Honda push mower off to the side. I think it's unusual because I installed a clutch so I can turn off the blades without shutting down the motor when crossing the road," says Larry Drader, N. Saanich, British Columbia.

In addition to the clutch, Drader also extended the pull cord so he can start the mower from his tractor seat without getting off the mower.

He made a parallel linkage to mount between the riding mower and side-mount mower, attached to a frame he added over the top of the small mower. The drawbar linkage allows the mower to pivot up and down as needed.

Contact: FARM SHOW Followup, Larry Drader, 9276 Ardmore Dr., N. Saanich, British Columbia, Canada (ph 250 883-3841; draderlarry@gmail.com).



Drader extended mower's pull cord so he can reach it from his tractor seat.



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