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## UNIQUE "LOW LOADING" ANGLE DESIGN

# New "Cab Tipping" Centerfold Flatbed

Farmers crowded around the Landoll truck exhibit at the recent Farm Progress show in Marion, Iowa, to get a look at the company's new Centerfold flatbed for 1 and 1½-ton pickups. As they soon found out, the ingenious folding mechanism that splits the frame and tips up the pickup cab, is worth a look.

On the road, a Landoll-equipped truck looks like any other pickup flatbed, except for its not-so-common all-aluminum construction. But, when it stops to take on a load, it becomes one of the most unusual vehicles around. First, the Landoll hinge — installed by splitting the truck chassis in half just behind the cab — is activated. A hydraulic cylinder under the bed is activated and slides the bed down till it contacts the ground.

"The unique loading angle that we get with our hinge drops the flatbed to a low 10° angle. That's 50% lower than the majority of trucks on the market," says Larry Holmes, Landoll representative. "It's great for hauling low-slung equipment."

The new truck bed installs on any 1 or 1½-ton pickup and, except for splitting the frame and installing the hinge, doesn't require any major modification of the truck frame. Sells for \$6,995. If the truck is sold, the frame can be spliced back to its original length, and the hinge spliced into the new truck's frame.

For more information, contact: FARM SHOW Followup, Landoll Corporation, 1700 May Street, Marysville, Kan. 66508 (ph 800 428-5655 toll free).

Hinge is installed by splitting truck just behind cab.



Hinge is installed by splitting truck just behind cab.

## HELPS PROTECT AGAINST HARDWARE DISEASE

# Powerful Magnet Removes "Tramp" Hardware In Feed

"Save just one animal and you've more than paid for it," says Steve Mangan, Canadian dairy farmer and inventor of the Roto-Mag, a powerful magnetic device for eliminating "tramp" hardware in silage, grain and other feedstuffs.

Steve has teamed up with Kerry McConkey of Norlen Systems, Trenton, Ont., to manufacture and market the new-style preventative for hardware disease.

The Roto-Mag is made up of four 12-in. long metal paddles, each equipped with two special donut-shaped magnets. The eight magnets have a combined magnetic pull of 48 lbs., and a life expectancy of 15 years. As grain or silage flows over the Roto-Mag, it rotates the magnetic wheel.

The unit is special made to withstand haylage and silage acids, and to operate inside or outside under ex-

treme hot or cold temperatures. McConkey points out: "It's designed for easy installation at the last stop for feed before it goes into the animal's mouth. In a silo, for example, it monitors feed as it's unloaded out of the structure, thus ensuring interception of any broken chain links or other scrap iron shed by the silo unloader itself."

"Magnetic strength of the Roto-Mag is enough to intercept and hold scrap iron pieces of most any size — from the smallest shear pin to pieces as big as a vice-grip — without being brushed off by the flow of feed. A single unit will monitor the amount of silage discharged by two silo unloaders operating simultaneously," McConkey explains. "We had 25 units out on test last summer. Farmers using them couldn't believe their silage and other feed had so much hidden scrap metal in it. Every

farmer-user found pieces which the magnets pulled out. One farmer collected a 5 gal. pail full from his silo in only a two-month period."

Sells for \$179 (Canadian dollars).

McConkey adds that the donut-shaped magnets can be slipped off the Roto-Mag paddles and used elsewhere around the farm. "For example, if you drop a pipe wrench or other expensive tool into a manure pit, you may be able to retrieve it by lowering the magnets into the pit with a rope."

For more information, contact: FARM SHOW Followup, Roto-Mag, Norlen Systems Inc., 340 Sydney St., P.O. Box 758, Trenton, Ont. K8V 5W6 (ph 613 394-4311).



Force of feed rotates magnetic Roto-Mag wheel.