

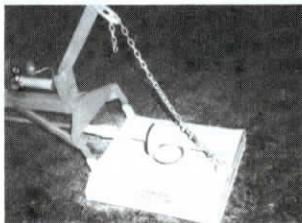


Side-Mount "Tilt-Up" Mower

"I built this mower to mow steep hillsides and deep ditches," says Willie Wilson, Loris, S.C., about the side-mount extension mower he built to mount on his IH Cub Cadet riding mower.

"First I made a 3-pt. lift for the mower. Then I made an 8-ft. long frame out of 3-in. tubing that pivots in the center right behind the tractor. I put a weight box on one end and made a cutting deck for a 22-in. blade and mounted it on a hinge at the other end. I used a V-belt bearing shaft from an old lawn mower to hold the new blade. Then I welded a round piece of 1/4-in. by 10-in. round steel plate to the top of the V-belt pulley just above the mower deck. A rubber drive wheel, mounted on a 1-in. dia. steel shaft on pillow block bearings, drives the round steel plate attached to the V-belt pulley, turning the blade. I can control the speed of the blade by loosening a set screw and moving the drive wheel in or out.

"A 5 hp. Briggs & Stratton engine mounts next to the weight box. A V-belt runs from the motor to a drive shaft that runs to the drive disc on the mower deck.

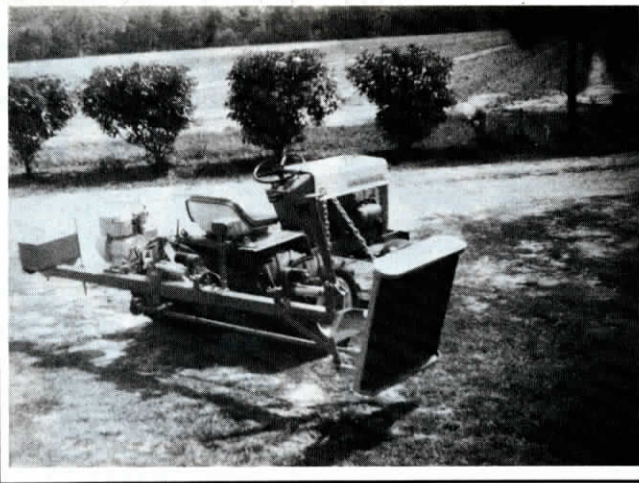


A universal joint at the hinge of the mower deck allows the deck to pivot up and down while mowing.

"An electric raises and lowers the mowing deck. The frame extends in or out manually. A second electric lift angles the mowing deck. A control box with two toggle switches, one for each electric lift, mounts on a steel post within arm's reach from the tractor seat.

"All the tractor has to do is carry the mower and supply the 12-volt system for the lifts."

Contact: FARM SHOW Followup, Willie Joe Wilson, Rt. 4, Box 92, Loris, S.C. 29569 (ph 803 756-2342).



BOOSTS RESALE VALUE AND HELPS PREVENT DETERIORATION

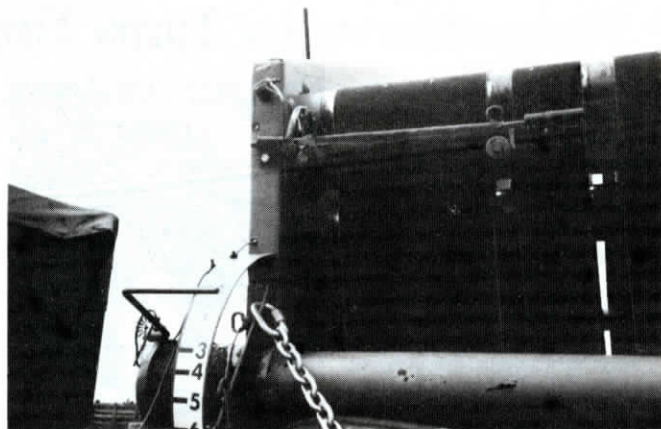
"Color Back" Restores Paint On Old Equipment

"We've had tremendous interest from equipment dealers and from farmers with older equipment that's lost its color," says Allen Andre, of Apollo Sales and Service, manufacturer of "Color Back", a new paint-on chemical that brings like-new luster to older equipment by chemically restoring the pigment in paint.

The clear liquid paint renewer brings faded

paint back to its original luster in minutes and leaves a hard glossy finish that lasts a minimum of two years. According to Andre, it also helps prevent rusting and general deterioration of paint.

"It's easy to apply and doesn't require any special equipment. All you do is clean the equipment and apply one thin coat. One gallon covers a large combine. Four aerosol



An 18-in. long steel rod runs across each outside belt. Two 4-in. prongs fit over either side of belt so that the rod moves back and forth as belt moves. When belt moves to the outside, a third prong that points away from baler strikes an electrical contact.

ELIMINATES THE NEED TO LOOK BACK

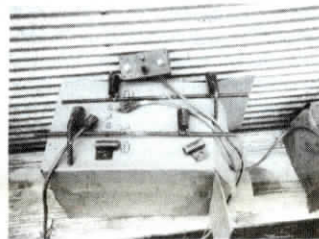
Baler Monitor Helps Make Better Round Bales

"My home-built monitor allows me to make uniform round bales without looking back all the time. I built it for only \$25," says Dan Crick, Menno, S. Dak., who mounted the monitor on his Vermeer 605 round baler. Crick attached "sensors" to the outside belts and mounts a monitor in the tractor cab. A green light goes on when either side of the baler needs more hay. A red light goes on when the baler is full.

"It doesn't show me anything that I can't see by turning around, but it saves a lot of wear and tear on my neck," says Crick, a commercial hay grower who built the monitor five years ago. "I got tired of constantly looking behind. When I did turn around I sometimes drove over the windrow, which resulted in unevenly-shaped bales. Now that my bales are uniform, they stack more neatly on my truck. They're also easier to move with the grapple fork on my loader, which I use to move two bales at a time. If one bale is smaller than the other it's likely to fall off."

Crick says his monitor actually works better than commercial models that cost hundreds of dollars. "They monitor belt tension instead of tracking back and forth with the belts like this monitor. They can tell you if the bale's sides are evenly-shaped, but they can't tell you if the bale is high in the middle. My monitor picks up any belt movement so I know when and where to move the baler before any problems crop up. It takes about an hour to install."

The monitor consists of a pair of 18-in. long steel rods that run across each outside belt. Each rod is fitted with two 4-in. prongs welded to it at right angles. The prongs are spaced to fit over either side of the belt so that as the belt moves back and forth, the prongs move the rod, which is held loosely



Two steel rods, mounting brackets, and control lights make up monitor kit.

by its mounting brackets. A third 8-in. long prong mounts at the outside end of each rod, pointing away from the baler. When the belt and rod moves toward the outside, indicating that side of the bale needs more hay, the 8-in. prong contacts a bare galvanized 6-in. length of wire. The contact completes a circuit and causes one of two green lights on the monitor in the cab to flash, indicating that the baler needs to be moved either left or right.

The monitor simply wires up to the tractor battery. Crick used an "experimenter" that he bought from Radio Shack for \$1.99 and drilled holes in it for the lights, which cost \$1.89 each, and a switch. He attached one end of a standard 3-wire, 16-gauge, 25-ft. long extension cord to the monitor and the other end to the 6-in. long contact wire on the baler. A 3-prong connector allows Crick to unplug the extension cord near the tractor drawbar.

The monitor works on any round baler that produces solid core bales, including Vermeer F, G, and H models.

Contact: FARM SHOW Followup, Dan Crick, Menno, S. Dak. 57045 (ph 605 387-5460).

can do an average size pickup truck. It doesn't take long to apply since no masking is needed over decals or trim. You can apply Color Back to any surface except glass," says Andre, noting that Color Back also brings back the luster of fiberglass and rubber.

Color Back is available in gallon, quart

and aerosol cans. Sells for \$225 per gallon or \$19.50 per aerosol can. Andre says it takes about a gallon to do a combine and a couple aerosol cans to treat a 2-WD tractor

For more information, contact: FARM SHOW Followup, Apollo Sales & Service, Inc., P.O. Box 1113, Bismarck, N. Dak. 58502 (ph 701 255-1221).