



The biggest challenge in mounting the mower was adapting the vertical belt pulley on the tractor to the horizontal drive on the mower.

Allis G Fitted With IHC Belly Mower

Larry Stephen belly-mounted an old IHC mower deck under an Allis G to give him a riding mower that's more comfortable to operate than the Dixon riding mower he used before.

"It's not as fast as the Dixon but it's smoother riding and will probably last years longer," says the Martinsville, Ill., farmer.

He started with the 1954 Allis G, completely rebuilding the tractor's blown 12 hp engine. He next bought a 5-ft. IHC mower and belly-mounted it under the tractor.

The only problem in mounting the deck was adapting the vertical belt pulley on the tractor to the horizontal drive on the mower.

"I had to mount a pair of 8 in. dia. idler

pulleys from a Gleaner combine on a horizontal bracket that I attached to the original belt drive, allowing me to drive the mower with one V-belt," he says.

"I mow 2 1/2 acres a week and can do it in three hours, about the same time I did it with the Dixon, which I still use to trim," he says. "But the difference in the ride is unbelievable."

Cost of the project was \$1,650, including \$1,000 for the tractor, \$400 for the engine rebuild, and \$250 for the mower.

Contact: FARM SHOW Followup, Larry Stephen, Route 40 West, Martinsville, Ill. 62442 (ph 217 382-6678).



Handler consists of a pair of 44-in. long hydraulically operated steel arms.

Home-Built Silage Bale Handler

When Bob Zimmerman of East Earl, Pa., started making silage bales years ago, there wasn't anything on the market that could move the bales without puncturing the plastic. He solved the problem by building his own 3-pt. silage bale clamp.

It consists of a pair of 12-in. high, 44-in. long steel arms that are opened or closed by a hydraulic cylinder. The arms are welded to a steel frame equipped with two lengths of steel tubing that slide in or out of a pair of 4-in. dia. pipes mounted crosswise behind the tractor. To load the bale Zimmerman opens the arms and lowers them to the ground, then backs up until the bale is completely inside the arms. Then he shuts the arms to "clamp" the bale and raises the 3-pt.

"I've used it a lot over the years and have hauled a lot of bales with it," says Zimmerman. "The arms are round and flat so they won't puncture the plastic. I use it to haul bales from the field to my yard. I also use it in my custom baling and 'on-the-go' bale wrapping business and let the customer mount the clamp on his tractor. I pull the 'on-the-go' bale wrap machine (see FARM SHOW'S Vol. 13, No. 5) behind the baler and load and wrap bales in one operation, then drop them on a 5-ft. wide, 6-ft. long section of canvas that's bolted behind the bale wrap machine and drags along the ground. The bale is pulled along on the canvas for a



Wrapped bales are gently cradled by the smooth steel arms.

short distance, then rolls off. I leave the bales in the field for the customer to pick up and haul wherever he wants.

"I used 1/4-in. thick sheet metal to make the arms and bent them on a press. A 2-in. flange welded on top of the arms adds strength. I also welded lengths of exhaust tubing around the bottom, end, and back half of the top part of each arm so there aren't any sharp edges that could puncture the bale.. The arms can be moved about 2 ft. in or out.

"I built the 3-pt. from scrap metal and welded the pair of 4-in. dia. steel pipes to it. A pair of safety chains keep the arms from accidentally falling out of the pipes."

Contact: FARM SHOW Followup, Bob Zimmerman, 251 Weaverland Valley Rd., East Earl, Pa. 17519 (ph 717 445-8532).



In this position, the trailer is a conventional 36-ft. long flatbed.

Two-In-One Trailer Hauls Bales, Equipment

"As far as we know, it's the only trailer of its kind," says Keith Hauser about his company's new gooseneck trailer equipped with a pop-up flat deck that pivots up in the center to dump off a full load of bales but can also be used as a conventional flatbed.

As a flatbed, you can use the trailer to haul equipment or supplies. But you can also load it up with two rows of big round bales which can then be unloaded without the need for a tractor.

The "two-in-one" trailer is 36 ft. long by 8 1/2-ft. wide. The two-section deck is built of 12-ga. steel plate. The deck is spring-loaded so it returns to the flatbed position after the deck is raised with a manual three-section ratcheting screw jack. Releasing the deck and returning it to the flatbed position takes only five minutes, Hauser notes.

It features a 10-ton running gear fitted with tandem axles and 17.5 by 16-ply tires.

It'll handle up to 10 tons of any size round bales. Requires a 1-ton dually pickup to pull.

Options include choice of brake types, dual tires and triple axles.

Standard unit sells for \$13,800 (Canadian). Contact: FARM SHOW Followup, Hauser's Machinery Ltd., Hwy. #15 West, 6 • FARM SHOW



When deck is cranked up, bales fall to the ground.

Melville, Sask., Canada S0A 2P0 (ph toll-free 888 939-4444 or 306 728-2101). In the U.S., contact Hauser's Farm Supply, R.R. 1, Box 117, Sawyer, N. Dak. 58781 (ph toll-free 800 735-5745).



Hydraulic-driven spreader mounts on steel swing arm.

Swing-Away Chaff Spreader

"Our new swing-away chaff spreader makes it easy to switch from leaving chaff in a windrow to spreading it out over the field. It also gives you easy access to adjust or clean the sieves," says Jay Russell, Abilene Machine, Abilene, Kan.

The hydraulic-driven chaff spreader mounts on a steel swing arm that pins onto a bolt-on mounting bracket on the combine's rear axle. The mounting bracket has a series of holes in it, making the spreader position infinitely adjustable.

The operator changes the position of the spreader by pulling a pin and swinging the mounting arm over, then reinserting the pin

into a different hole. The spreader is equipped with a pair of stainless steel deflector shields that direct chaff evenly out to both sides. A pair of safety rings at the bottom of the spreader prevent accidental contact with the spreader's rotating bats.

"It's a simple design that doesn't use any belts or pulleys and needs no greasing," says Russell.

Sells for about \$1,050 plus S&H. Contact: FARM SHOW Followup, Abilene Machine, Box 129, Abilene, Kan. 67410 (ph 785 655-9455 or 800 332-0239; fax 785 655-3838).