

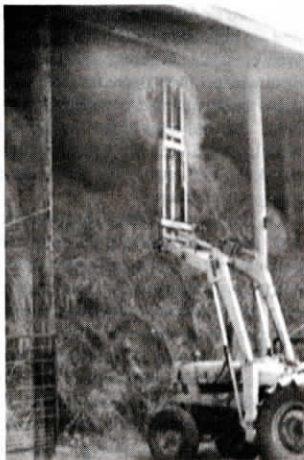
Forklift Stacks Bales 21-Ft. High

"It helps get all my bales under cover," says Arlie F. Rettke, Washington, Mo., who mounted the mast from a junked forklift in place of the bucket on his front-end tractor loader.

He had been able to stack bales just 11 ft. high with the tractor loader alone. With the addition of the forklift, he gets bales up onto stacks as high as 21 ft.

Rettke got the forklift mast for \$200 from a salvage yard and mounted it on the loader by fashioning a mounting bracket at the base of the mast. The loader is not modified in any way. The tilt cylinder for the bucket is used to tilt the forklift in and out while stacking bales. A 30-gal. water tank that's filled with concrete mounts on the rear 3-pt. to counter-balance the weight of the bales. The forklift can be removed by pulling just 4 pins. Rettke had to add an extra hydraulic valve to control the forklift.

"You have to use common sense in handling the bales. I only raise up to the top position when the tractor is station-



ary," he notes. Contact: FARM SHOW Followup, Arlie F. Rettke, Rt. 2, Box 386, Washington, Mo. 63090 (ph 314 239-3925).

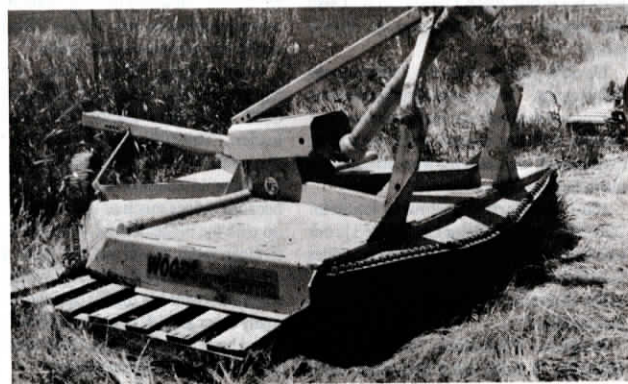
Great Way To "Update" Older IH Axial Flow Combines

The rotor and concave for an International Axial Flow 1660 combine can be installed with no modification in an older model IH 1460 Axial Flow, according to Gary Harrell, Wayne City, Ill., who made the discovery when his 1460 wore out internally and he had to make a change.

"It's an easy and inexpensive way to get the increased capacity and performance of a 1660. For only about \$2,500 I got a combine that's new inside and has much more capacity. After installing the new rotor and concave, I was able to switch from a 6 to an 8-row head," Harrell told FARM SHOW.

His 1460 was one of the first Axial Flow combines built more than 10 years ago. When International came out with the newer 1660's, they extended the concave and increased the perforations in the cage to boost capacity. By carefully measuring his machine against the newer parts, Harrell determined they would fit. They did, and with no modification of his machine except that he speeded up the clean grain elevator to handle the increased capacity.

Contact: FARM SHOW Followup, Gary Harrell, Box 6, Wayne City, Ill. 62895 (ph 618 895-2193).



Wooden Pallets "Work Great" For Small Implement Storage

"I've discovered that discarded wooden pallets, readily available at warehouses, lumber yards and so forth, work great as platforms for storing small implements, such as rear blades, scoops, front loaders or brush cutters.

"They keep the implement out of the mud and make hookups much easier since the implement can be slid around on

the pallet much easier than on the ground.

"These pallets are usually well made and will stand the wear and tear of hard use and weather without difficulty. They can be ganged as needed to accommodate wide equipment."

Contact: Hugh Williamson, 13100 N. La Cholla, Tuscon, Ariz. (ph 602 742-1376).



"Go Anywhere" Shop Crane

"It's less expensive than an overhead crane and it's handier to use," says Butch Uhnken of the mobile crane he fashioned from an old Jeep truck chassis.

Uhnken, a mechanic and farmer from Jacksonville, Illinois, says his "go anywhere" crane can reach into shop corners where an overhead crane couldn't. And, this crane can be used outside his shop. "We can run this rig out to the back lot where we have machinery parts, pick up something weighing up to 1,400 pounds, and carry it into the shop to work on it," says Uhnken.

A two-cylinder antique Deere engine powers the transmission, hydraulic pump and cable winch. The hydraulic pump provides power for steering the caddy from the rear for extra mobility, says Uhnken, who used the Jeep's old transmission and transfer case to drive the rig. The crane rests on 15 in. tires taken from an old pickup. The hoist, which extends 4 ft. forward and has a lifting height of 7 ft., was built from 3 x 3 in. tubing reinforced with rod trusses.

The cable winch, which runs off the

transfer case, provides up to 1,400 lbs. of lifting power. "An overhead crane can lift more weight but it's more expensive," says Uhnken. Old cylinder heads mounted on the rear end of the rig act as counterweights.

To operate the cable winch, Uhnken turns an auxiliary transfer case to neutral and puts the main transmission into one of two gears. The transmission turns the winch to operate the hoist.

Uhnken says he's used the rig to lift and carry pickup engines, axles, field cultivator sections and even dual wheels. "We can pick up two 20.8 x 38 dual wheels weighing 1,200 pounds and install them on the spot."

What's more, he can hold an object in stationary position above the floor for up to a week at a time. A worm screw makes sure everything stays put.

If he could build the rig over again, Uhnken says he might make it taller to lift equipment higher.

Contact: FARM SHOW Followup, Butch Uhnken, 25 W. Fair, Jacksonville, Illinois 62650 (ph 217 245-4359).



Extra Wheels Move Grain Auger Sideways

Illinois farmer Alan Pegram added a pair of sideways-mounted wheels to make it easier to line up big grain bin filling augers.

The wheels mount on a pivoting frame just ahead of the regular "straight ahead" auger wheels. When he needs to move the auger from one bin to the next, or just needs to get it centered a little better, a hydraulic cylinder drops the sideways wheels to the ground and shifts the weight of the auger onto them. After the auger's

moved, the sideways wheels can be quickly lifted back up again.

Pegram also simplified grain bin auger work by mounting all three starter switches - for the fill auger, under floor auger, and the sweep auger - on a single board so only one electrical hookup is needed at each bin. He also put an electric winch on the auger to raise and lower it.

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