



Hemingway built the wood furnace out of a 250-gal. anhydrous tank.

## Home-Built Wood Furnace Heats His Machine Shed

"It puts out considerably more heat than our old barrel-type wood burner. You can work comfortably in coveralls on days when the temperature outside is 0 degrees," says John Hemingway about a wood-burning furnace he built to heat his 50 by 90-ft. machine shed.

The Hindsboro, Ill., farmer used a 250-gal. anhydrous ammonia tank for the firebox. He installed a door in one end of the 30-in. dia. tank and used flat iron to make legs that he welded to the tank.

A length of 8-in. dia. stove pipe takes smoke out one end of the tank and directs it up to a flue made from 8-in. dia. steel pipe. The heavy steel flue radiates heat into the shop.

A 30-gal. tank on a stand behind the furnace trickles waste oil onto the wood to start the fire. A simple valve in a pipe that runs from the tank to the top of the stove controls the flow of oil.

"We shut the faucet off as soon as we get a good hot fire going," Hemingway says.

To haul wood to the furnace, Hemingway



He uses this two-wheel cart to haul wood. He built a 6-ft. long by 3-ft. wide two-wheel cart. The frame is built out of scrap pipe and fitted with wheels off a junked weed mower.

"It'll hold 1/3 cord of wood so it comes in pretty handy with our big shop furnace," Hemingway says.

Out-of-pocket expense for the furnace was only about \$40.

Contact: FARM SHOW Followup, John Hemingway, 2126 E. Co. Rd. 300 N., Hindsboro, Ill. 61930 (ph 217 346-2237).



Used Farmhand manure spreader mounts on 1960's all-wheel-drive International tandem axle truck. Box is equipped with two rear beaters.

## "IT'LL CLIMB RIGHT UP SNOW-COVERED HILLS"

# Old IH Truck Makes Great Manure Spreader

A used Farmhand manure spreader box mounted on a 1960's all-wheel-drive International tandem axle truck makes a great rig for spreading manure, says Iowa farmer James Brown.

He mounted the spreader on an R190 twin screw truck. The box measures 7 ft. wide by 14 ft. long and is equipped with two rear beaters. The beaters and unloading apron are driven directly off the truck pto.

"I use it mainly in the winter when the ground is frozen to haul manure from my

feedlot to distant fields. It lets me haul at highway speeds and works good on our hilly land - the 6-cyl. 200 hp gas engine allows the truck to climb right up snow-covered hills. It's safer than using a tractor and manure spreader which can slide down hills and jackknife, whereas a truck is far less likely to tip over.

"I paid \$1,500 for the truck and \$500 for the spreader box."

Contact: FARM SHOW Followup, James D. Brown, 3821 280th St., Oto, Iowa 51044 (ph 712 827-4155).



International 150 32-ft. hoe drill is shown mounted on 2-wheeled, 41-ft. long trailer.

# Hoe Drill Trailer Also Handles Round Bales, Headers

"It'll haul all types of hoe drills and compared to conventional drill transport methods saves time, manpower, and wear and tear on your drill. It can also be used to haul round bales and combine headers," says Lyle Bredemeier, Phillipsburg, Kan., about his new 3-pt. mounted, 2-wheeled hoe drill trailer that can be operated by just one person.

The hydraulic-lift trailer is equipped with a ramp on one side. You back the drill over the ramp until the press wheels drop inside the framework, then use chains to lock down each of the drill's press wheels. The tractor's 3-pt. is used to raise the trailer's front end and a hydraulic cylinder raises the back end. An overhead steel truss keeps the trailer floor rigid and can be removed by taking out a bolt at each end and using a loader to lift the truss off.

"It's the most cost efficient drill transport system on the market," says Lyle. "It takes only 10 to 15 minutes to load a drill. It works much better than pulling two drills together end to end because it requires only one person and doesn't put any strain on the drill's tires, axles, and drive train. We offer an optional steerable axle that uses a hydraulic cylinder to turn the axle. It helps a big trailer



Hydraulic-lift trailers are equipped with a ramp on one side, allowing you to back drill over ramp and lock it down.

get around corners.

"Trailers are available up to 43 ft. long. A 34-ft. trailer will handle a 30-ft. drill or six round bales."

A 34-ft. trailer sells for \$3,500. Add \$100 for the optional steerable axle.

Contact: FARM SHOW Followup, Lyle's Welding Service, Rt. 2, Box 99, Phillipsburg, Kan. 67661 (ph 785 543-5679).



Dolly hitches to any drawbar and is equipped with a 2 5/16-in. ball, a kingpin, and a fifth wheel coupler.

## 2-Wheeled Dolly For Fifth Wheel Or Gooseneck Trailers

If you want to use your tractor, van, utility vehicle, etc., to pull a gooseneck or fifth wheel trailer, you'll be interested in this heavy duty new towing device.

The "Dolly" hitches to any drawbar or ball hitch. It's equipped with a 2 5/16-in. ball, a kingpin, and a fifth wheel coupler. The floating crossbar allows a total movement of 5 in. forward and back and acts as a sway control, resulting in a smooth ride. All units are equipped with electric brakes and pre-wired for 6 or 7-pole hook up. The inventor says

that hydraulics are available.

"We make units that can handle trailer hitch weights ranging from 2,000 lbs. to 15,000 lbs. It comes standard colored medium gray but is available in any color, including corporate colors," says Curt Stiede.

Prices start at \$1,790.

Contact: FARM SHOW Followup, Bics Mfg., Box 2424, Columbia Falls, Mont. 59912 (ph 406 892-7228; fax 7212; E-Mail: bics@digisys.net).