



Fifth wheel boom turns a semi tractor into a wrecker/equipment mover, allowing you to quickly move farm equipment from one field to another.

## Wrecker Attachment Also Tows Farm Equipment

"It lets you hook up to farm equipment behind a semi tractor and get it from one field to another quicker than with a farm tractor," says Brent Patterson, Direct Equipment Supply about the company's fifth wheel boom that turns a semi tractor into a wrecker/equipment mover as needed.

Equipped with a standard wrecker sling for truck or tractor towing, the model 10F is also equipped with a flip down Cat. II quick hitch and draw bar. The larger 15F is equipped with a Cat. III quick hitch and drawbar, as well as the traditional wrecker sling.

The 10F is priced at \$5,995 and can handle up to 20,000 lbs. The 15F is priced at \$6,100 and has a 35,000-lb. towing capacity. Both units are easily installed or removed from the semi tractor frame and fifth wheel. The air brake assembly provides braking power for air brake equipped, towed vehicles.

"The model 10F is strictly a ball-type drawbar and Cat. II lift," says Patterson. "The

15F has a bigger superstructure and is made to handle more weight. It can be equipped with a variety of hitches from drawbar and 3-pt. hitch to a pintle bar. The deluxe version is also equipped with hydraulics for connecting to farm equipment in the field."

The 15F Deluxe is priced at \$6,695. It has a four-way valve and four-way control with a pair of Pioneer fittings. The cab control offers two sets of buttons, one for the wrecker hydraulics and the other set for the auxiliary valve for use with farm equipment.

"The deluxe unit is ideal for pulling up to a planter or drill and folding up the wings," says Patterson.

All three units are available directly from Direct Equipment Supply.

Contact: FARM SHOW Followup, Direct Equipment Supply, 648 Fort Sumter Dr., Charleston, S.C. 29412 (ph 800 992-1478; www.towyourown.com; www.DirectEquipmentSupply.com).



Andy Kozlowski built this "protector" out of old well casing pipe to protect the tail lights on his utility trailer.

## Homemade Tail Light Protector

Andy Kozlowski, Califon, N.J., recently sent photos of easy-to-build "protectors" he made out of old well casing pipe for the tail lights on his utility trailer.

"I'm not the best at driving in reverse with my 4 by 8-ft. utility trailer behind my car. Over the years, I've accidentally busted up quite a few tail light assemblies when I barely 'tapped' stuff with the trailer," says Kozlowski. "My homemade protectors allow the tail lights to survive more of these encounters. They did the job when I recently hit a wood pile and also a stack of bricks. I think the same idea would work with any protruding tail light, as long as you use the proper size pipe."

He started with a short length of 6-in. dia. well casing, which he cross-cut at an angle and then drilled mounting holes into it. Then he set the pipe over the tail light and bolted it onto the side of the trailer.

"Cutting the pipe at an angle allows the pipe to deflect an object rather than hit it full on. It also allows more light to escape so the tail light is more visible," says Kozlowski. "I



Protector is built from a short length of 6-in. dia. well casing, cross-cut at an angle.

Painted the inside of the pipe white to reflect more light.

"By using the right length of pipe I can get two protectors from one cut. I used a cutting blade on an angle grinder to do the cutting," he notes.

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Don Peck built this powerful combine snowblower. "I wanted something big with a cab. The Deere 45 combine I used was perfect," he says.

## Combine Snowblower Handles Big Drifts Easily

When a December storm dropped more than a foot of snow and winds piled up into 5-ft. drifts in Zearing, Iowa, Don Peck wasn't worried. He was ready with his powerful homemade combine snowblower.

Now in its 13<sup>th</sup> year of use, the three years he spent building it were well worth it, Peck says.

"I wanted something big with a cab," he explains. "The Deere 45 combine I started with was perfect."

Peck removed everything behind the cab and narrowed the combine to 7 ft. wide. He turned the motor 90-degrees and added weights in the back. He used the combine's 26-in. wheels on front and its smaller ones on back. He installed power steering, a New Holland hydrostat, a Deere 3-pt. hitch and the hydraulic system from a Cockshutt tractor to

power a used 80 McCormick snowblower. "This way I've got the snowblower in front of me. I sit way up in the cab to see everything," Peck says. He engages the blower with the combine's original levers inside the cab. He can also move the blower up and down and direct the blower spout's direction.

His homemade snowblower is the same length as a tractor and easy to maneuver with good traction from the big tires. He notes that he left the serial tag on his creation to show skeptics that it really did start out as a combine.

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## "Heat Boosters" Reclaim Wasted Heat

You can save up to a third to half on fuel costs with this new "Heat-Booster" double-wall flue that replaces a section of chimney pipe on wood or pellet-burning stoves. It captures heat that would otherwise go out the chimney pipe.

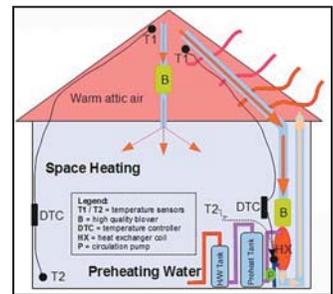
Chris McKinnon and his partner, Talis Forstmanis, have backgrounds in incineration technology and evaporation systems. They say the Heat-Booster improves the efficiency of old stoves as well as new ones and reduces pollution and creosote. Model HB24 is an 8-in. diameter, 24-in. long, heavy-duty, double wall chimney pipe that works with 6 to 8-in. stovepipes. It's a type of heat exchanger, but is unique because it has a catalytic converter and 24 1-in. tubes. Flue gases pass through it, and a jacket around it blows hot air through fins out into the room, resulting in about three times the btu output. It sells for \$1,300. You can add a coil for heating water for an additional \$200.

Heat-Booster also sells a less expensive system starting at \$225, which doesn't have a catalytic converter, but uses the same technique of blowing air across heat exchange tubes. Both models include a 1-year warranty.

McKinnon and Forstmanis also developed the "Heat Mover", which makes use of heat generated in an attic. It pulls hot air from the attic down into the main living space.

"It's like installing a bathroom exhaust fan, but in reverse," McKinnon says. "Instead of pushing air out of the house you're pulling it back in."

Sensors in the attic and the house, and a programmable, differential thermostat, automatically turns the fan on when it senses the temperature is higher in the attic than the house.



"Heat-Mover" pulls hot air from attic down into main living space. Hot air in attic can also be used to heat household water.

The \$300 unit requires the same amount of energy to run as a 30-watt light bulb. It can be turned off at a wall switch and requires 110 V AC installation. The system has a 1-year warranty, while the fan itself has a 5-year warranty.

"One homeowner said he saved half on his electric bill," McKinnon says.

He adds his company is working on a variety of other energy-saving products including the "Ultimate Wood Stove," which will be available in 2011. It incorporates properties of the catalytic flue with secondary combustion of exhaust gases.

"This wood stove will be a game changer," says McKinnon.

The Brantford, Ont., company hopes to expand with a U.S. distributor in the near future.

Contact: FARM SHOW Followup, Heat-Booster Energy Systems, 23 Forsythe Ave., Brantford, Ont., Canada N3R 3L5 (ph 800 644-1803; www.heat-booster.com).