

## Dragon Heater Starts Cold Engines Fast

Vincent and Randall Parker of Alameda, Sask., say their patented, time-saving engine pre-heater is faster and more efficient than other types of heaters on the market.

The Dragon Boxheater works on any liquid-cooled engine and appeals to a myriad of different industries that work equipment and vehicles in cold climates, according to the father-son pair.

The unit is designed with internal heat absorption components, making its operation extremely efficient. This point is illustrated when you can stick your hand under the exhaust outlet and not get burned.

Fuelled by propane, the system can be mounted permanently on the tractor (or other equipment), or rolled around on a portable cart.

"Its portability is especially valuable if you're working in isolated areas," Vincent explains. "One customer of ours is a farmer who has land scattered many miles apart. Instead of bringing his tractors all the way back to his yard at night, he just leaves them out there and then takes his Dragon Boxheater with him in the morning to get them started."

"With this system, you can have heat coming out of your vents before you turn the key. It gives you a summertime start in subzero

temperatures," Vincent says. "Instead of plugging in your engine block and waiting the necessary 5 to 6 hours, the Dragon Boxheater can warm the same block in 15 to 20 minutes with no ether or AC/DC power required. Also, you don't have to risk engine damage by using ether in the starting process. A warm engine starts with less wear to its components, burns less fuel, and is easier on batteries."

This heavy-duty engine heater is versatile, easy to use, increases engine life, and requires no maintenance, according to the father-son team. It's also far more economical than other methods of warming your engine.

Dragon Boxheater has stainless steel construction and requires no pumps. You use your own propane tank, one set of hydraulic hoses, two sets of Pioneer quick couplers, and a tiger torch (of at least 200,000 BTU).

To install the unit, you simply mount the 3/4-in. female quick coupler into the top of the engine head, behind the thermostat. Then you mount the 3/4-in. male quick coupler at the lowest point of the engine's water jacket. Next, you connect the hoses, ignite the torch, insert it into heater's front opening, and in 10 to 20 minutes, you can start your engine in the coldest of climates.



Fueled by propane, the Dragon Boxheater can be mounted permanently on a tractor or other equipment. Or, you can mount it on a portable frame.

One client used the unit to thaw a waterline in his barn, which had frozen "quite a few feet into the ground." They had it thawed in about 20 minutes, Vincent recalls. Also at a local car wash, it saved digging up the road, he says.

The inventors are also experimenting with using the unit as a source of shop heat.

The suggested retail price of the Dragon

Boxheater is \$2,495 (Can.) plus S&H. It comes with a 5-year warranty.

Contact: FARM SHOW Followup, Dragon Arc Welding Ltd., P.O. Box 265, Alameda, Sask., Canada S0C A0A (ph 306 448-2025 or 306 483-2665; vinnieparks@msn.com; http://rancorp1.tripod.com).

## Plastic Coating Protects, Restores Metal Roofs

If you have a rusty, leaky metal roof, there's a quick and easy way to fix it, according to Kris Eyoifson of Penta Protective Coatings, Ltd.

A new spray-on poly coating waterproofs roofs by encapsulating joints and fasteners and protects the entire roof from future corrosion and UV rays.

"We carry five different manufacturer's products for metal roof repair, and we've found the "Silverbullet" system is the most durable and cost-effective of them all, plus it also has the best available warranty," Eyoifson says. "We like the fact that it cures almost instantly as we're applying it. You can walk on it, sometimes within 30 seconds of installing it. It's completely set in 10 minutes."

With most other systems, Eyoifson says you have to use a tape or a caulk on the roof's seams and screws. With the Silverbullet system, you don't.

The new roof coating is similar to spray-on truck box liners and offers a 20-year warranty.

Silverbullet stops corrosion from progressing, and it's restorative because it can halt and fix any existing damage by providing a new protective surface. It expands and contracts along with the metal roof during temperature changes, with a handy abrasion-resistant surface.

Eyoifson says the Silverbullet coating system can be applied at various thicknesses, depending on the customer's needs. You can also add an insulation foam undercoat to whatever R-value the customer desires.

"In some areas, roofing of this sort has gotten a bad rap because of fly-by-night contractors who have not installed them properly," he acknowledges.

The Silverbullet System comes in white, aluminum and copper.

A basic coating system costs \$3 to \$4 per sq. ft. and it will cost an additional \$1.20 per sq. ft. for an added layer of R-7 foam insulation.

"We get called in for early roof failures on new structures, and for 50-year-old build-

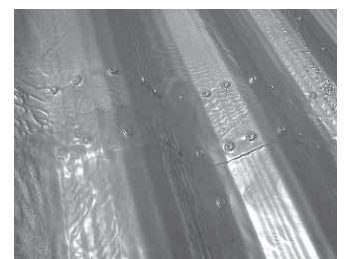
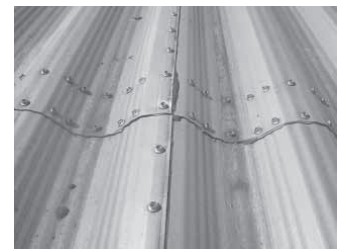


Spray-on poly coating waterproofs roofs by encapsulating joints and fasteners. There's no need to use a tape or caulk on the roof's seams and screws. The product causes the entire roof to resist future corrosion and ultraviolet rays.

ings," Eyoifson says. "Recently, we had a request from a hog operation with a 7-yr-old barn, on which the metal roof is already failing."

Penta Protective Coatings Ltd. serves Manitoba, northwest Ontario, Alberta, Saskatchewan, Nunavut and NWT.

If you're interested in service, but live in the U.S. or a part of Canada not served by Penta Protective Coatings, call Tim Regan for a list of certified installers near you (ph 952 474-5486 (office), 612 850-9300 (cell)



or email at t.regan@mchsi.com).

Contact: FARM SHOW Followup, Penta Protective Coatings Ltd., 39 Merit Cres., W. St. Paul, Manitoba, Canada R2P 2W5 (ph 204 992-2603; 800 587-4711; www.penta.ca).

## "Pretzel" Holds Fence Wire Tight

It's much easier to keep steel fence wires tight with Roland Schmidt's new invention, the Fencer's Pretzel.

It's a patented steel post attachment made

from durable steel rod, which holds a strand of barb wire in position near the post, but still allows side-to-side movement if it's bumped or stretched.

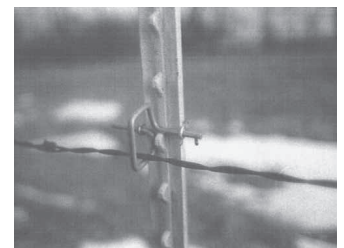
According to the Voltaire, N. Dak. inventor, the Fencer's Pretzel easily fastens to any "studded T" or "ripple T" steel post using commonly available T-post staple clips.

For U-style posts, Schmidt offers a model with longer pins.

The device can be installed on existing fences without modification to the posts or wires. This is because the simple pretzel's rectangular design is large enough to accommodate homemade splices. As well, there is a gap in the design to allow the pretzel to be placed over the wire and secured onto the post without the pretzel being threaded from the end of the wire.

"The most difficult part of keeping steel fence wire tight is that fence wire clips must be removed before the wire can be retightened," says Schmidt. "The fencer's Pretzel allows the wire to be worked without removing the individual clips when the fence needs to be retightened."

Schmidt markets the invention himself. It



The "Fencer's Pretzel" holds a strand of barbed wire in position near the post, but still allows side-to-side movement if it's bumped or stretched.

sells for \$.40 each or \$10 per bag of 25 (plus S&H).

Contact: FARM SHOW Followup, Sky Creek LLC, Roland Schmidt, 3139 - 11<sup>th</sup> Ave. N., Voltaire, N. Dak. 58792 (ph 701 626-7635; skycreek@juno.com; www.skycreekdakota.info).

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