

FreeBurn™ Used Oil Heating Systems

If you like simple things that work, you will love this heater!

- Low cost – 1/4 to 1/3 the price of commercial heaters.
- Simple design means fewer components and minimal downtime.
- Easy to trouble shoot – no trained serviceman required.
- No filtering needed – just strain the oil.
- Larger range of oil viscosities than the competition.
- No plugged nozzles because there are no nozzles.
- Synthetic oil? Burn away by mixing with regular oils.
- Adjustable heat output.
- Very high heat efficiency – up to 85%.
- Simple assembly – no welding.
- Save by building and maintaining it yourself!

At the heart of the FreeBurn Used Oil Heater is our exclusive engineered Burner Control System, extensively tested to burn used oils cleanly and efficiently. Separate, precise controls for oil flow and combustion air allow you to adjust the burn rate for best per-

formance and the heat output you want. This is one great burner that provides thorough mixing of oil vapors and combustion air, and intense heat for vaporizing the oil. The result is so clean that the exhaust is smoke-free!

There are three sizes of heater kits, for shops from the size of a garage up to 5,000 square feet or larger. Clear assembly instructions have photos and diagrams. You supply the barrel, flue pipe, and basic tools, and everything else is included in the kits. The heater is not thermostat controlled. Priced from \$1195 to \$2295, or \$595 for the oil pump and combustion control package alone, plus shipping.

Contact: FARM SHOW Followup, Harold Ag & Mobile Products, 1-800-541-8910; website: www.wasteoilheater.net.



PapaBurn (with cutout sides to show heat exchanger tubes)



BabyBurn

Reader Inquiry No. 137

“Plug-Proof” MudSmith Gauge Wheels

The open design of MudSmith replacement gauge wheels keeps planters and air drills going in conditions where the original wheels would likely plug up with wet soil. South Dakota farmers Duane Smith, his brother Roger, and nephew Jacob came up with the original design and tested it out for several years before selling some to neighbors. Now they’re marketing them for practically every brand in the field.

“We were under our corn planters and drills hundreds of times taking gauge wheels off and cleaning them out when we needed to be planting,” recalls Duane Smith. “When conditions are bad, you have to do it again and again.”

Smith points out that earlier planting dates and reduced tillage have added to the problem. Their new design with its open spokes dramatically reduces the problem. It also opens up both access and visibility to disc opener hubs and scrapers.

“We’ve been running them on our own equipment for a few years,” he says. “We were surprised how well they worked. We’ve had no more issues with plugging. They’re a huge improvement over the original equipment. We designed them so you can use standard bearings and tires from your dealer.”



The MudSmith units feature a cast iron hub and simplified bearing replacement. Smith notes that original equipment gauge wheels require removing the tires, splitting the rim, and removing bolts to get at the bearing.

“With the MudSmith, you just remove the snap ring and replace the bearing,” says Smith. “We didn’t intend to sell them when we first made them for ourselves, but the response has been terrific.”

MudSmith gauge wheels are available in 3-spoke/4-in. tire, 3-spoke/2 1/2-in. tire, and 4-spoke/4-in. tire. Prices start at \$125 for the hub and rim assembly. The completely assembled wheel ready to bolt on the planter



Open spoke design of new replacement gauge wheels keeps them free of mud.

is priced at \$165.

Contact: FARM SHOW Followup, MudSmith, LLC, P.O. Box 83, Hazel, S. Dak. 57242 (ph 877-240-1675 or 605 881-4214; fax 866 593-6406; www.themudsmith.com).

Reader Inquiry No. 138