

“The Best Scraper On The Market”

After Jim Howe, Jr. bought what Gemplers calls “The Best Scraper On The Market” from the company’s mail order catalog (www.gemplers.com), he wasn’t happy. So he rebuilt it in a way that lets it live up to its headline.

He liked the fact that the blade of the scraper was made of lightweight poly that could be reversed for extra long life. What he didn’t like was that the handle was attached parallel to the blade. He couldn’t get any leverage for pushing.

So with an 18-in. piece of 1 1/2 by 1 1/2 angle iron, some flat stock and a few bolts, he modified the scraper so that the handle runs into the back of the blade, braced by four angled struts. “Now I can really push snow, manure or whatever,” he says.

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Howe modified scraper so handle runs into back of blade, braced by angled struts.



When Howe bought scraper, handle was parallel to blade.



You can take this backpack welder anywhere. It’s powered by a small 2-cycle gas engine that has a lot of power, yet is light enough to keep the entire weight of the welder down to 62 lbs.

First-Of-Its-Kind Backpack Welder

Here’s a welder you can take anywhere because you carry it on your back!

“There’s never been anything like it on the market,” says A. Blazina of ZENA, Inc., about the company’s new lightweight go-anywhere welder.

The backpack welder is powered by a small 2-cycle gas engine that was originally developed to power racing go-carts and military drone aircraft. It’s a precision engine that Blazina says has a lot of power, yet it’s light enough to keep the entire weight of the welder down to 62 lbs.

Blazina, who also manufactures the popular ZENA welder that can be fitted to existing engines, including motors in tractors and pickup trucks or even garden tractors, says the 150 amp, 100 percent duty cycle backpack welder does the job of big commercial welders that cost considerably more.

“The great thing about this welder is that you can take it anywhere. For example, you

can ride out with the welder on your ATV rack to fix equipment in the field and then carry the welder to other locations where even your 4-WD can’t go. You’re not tethered to anything,” says Blazina.

“We already have a customer flying these units in small helicopters to remote locations, climbing 200-ft. towers with the welder on their back to make repairs that previously could only be accomplished with large welders carried to the site by huge, expensive-to-operate cargo helicopters. Just the welding cables for those kind of setups would weigh more than the backpack welder”

The welder, which just came on the market this winter, sells for \$2,595.

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“Tasteless” Way To Siphon Gas

Here’s an idea we spotted in Four Wheeler Magazine that makes siphoning gas easier and safer.

Just buy a gas hose like those used on out board boat engines – the ones with a primer bulb - and fit tubes to each end. It’s that simple.



Litter Holder Uses Free Plastic Bags

Here’s a way to make use of those plastic bags that retailers give us to carry our “stuff”.

The Plastic Bag Hanger, created by Roger Stein, Fargo, N.Dak., makes it easy to hang up bags anywhere to hold trash. The plastic bar is 9 by 1 1/2 in.

Two screws or double-sided tape attach it to any flat surface. Plastic bag handles hang on notches at each end of the bar.

“The beauty of it is that they can be used almost anywhere inside or outside,” he says of the idea, which he and his daughter created while fishing.

Stein is looking for a company interested in licensing the product.

He sells a set of three for \$6.00 which includes S&H.

Contact: FARM SHOW Followup, Roger

Plastic Bag Hanger makes it easy to hang up bags anywhere to hold trash.



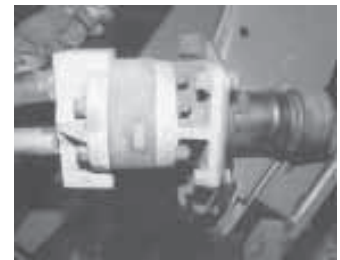
Stein, Tri-Ota Enterprises, 3944 15 Street South, Fargo, N. Dak. 58104 (ph 701 232-3757; email: info@plasticbaghanger.com; website: plasticbaghanger.com).

Replacement Pump On NH Sicklebar

“The sicklebar on our New Holland 1475 16-ft. haybine is powered by a 1,000 rpm pto-driven 30 gpm hydraulic pump running at 3,000 psi. The pump attaches to a pto coupler, which hooks up to the tractor pto. On Deere tractors especially, the pump tends to vibrate too much at the high 1,000 rpm speed.

“I solved the problem by replacing the New Holland pump with a Prince 40-gpm pump that runs at the 1,000 pto speed with 2,500 psi capacity. The itself pump fits right over the pto shaft, eliminating the vibration problem. I lowered the hydraulic oil pressure by backing off the bypass valve on the cutter one quarter turn. The cutter performs adequately and the compromise protects the pump, which is not rated for over 2,500 psi operation. I also had the holes for the torque bar mounted on the pump tapped to 1/2-in. bolts instead of the standard 3/8-in. bolts for better reliability. A second advantage is that to pump 30 gal. per minute the pump only has to operate at 3/4 speed – 750 rpm’s on the pto and 1,575 for the tractor. No need to run the tractor at full rpm’s. The Prince pump cost \$400 and has served two seasons with no problems.”

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Old pump



New pump

PVC “Oil Caddy” Works Great For Changing Oil

PVC tubing works great for adding oil to engines, transmissions and rear ends where there’s not enough room to pour out of a standard quart oil container, says Chris Kornkven, Helenville, Wis.

Kornkven made an oil caddy out of a 6-in. dia., 3 1/2-ft. length of pvc pipe. He got the idea after reading about a fire extinguisher used for changing oil in FARM SHOW (Vol. 27, No. 5).

Both ends of the pipe are capped off. He threaded a valve stem into the top cap and screwed a small outlet into the bottom that’s connected to a piece of flexible tubing with a valve at the end. He unscrews the top of the pvc tube to add oil and then uses an air compressor to put a bit of air pressure in it.

“It can hold up to 2 gal. of oil. It really comes in handy when changing oil on my truck since the Cummins engine holds up to 11 quarts. It takes only a small amount of air pressure, about 10 to 15 psi.

“I also built a smaller 18-in. long model which I use to hold five or six quarts of oil. I spent about \$10 to \$20 to make each unit.

“It eliminates having to deal with funnels and having half empty containers of oil sit-



Oil caddy is made out of pvc pipe and hooks up to an air compressor. ting around. Because the pvc pipe is closed, as long as I keep the plug on dirt can’t get into the oil.”

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