

Grease Gun Holder

"You set the Easy Greasy on the ground, table or bench and it lets you pump the grease gun with one hand or foot," says Joe Montgomery, Springfield, Mo., about his aluminum holder for standard grease guns.

"I like lever-action grease guns because they give me more leverage than a pistol grip and this device makes them easy to use. It acts like a third arm."

You simply clamp your grease gun in and hook the spring to the handle.

Comes with 8 ft. of hose. (Grease gun not included). Sells for \$37.50 plus S&H.

Contact: FARM SHOW Followup, Montgomery Metal Craft, Inc., 3925 North Farm



Grease gun holder lets you pump the grease gun with one hand or foot.

Road 143, Springfield, Mo. 65803 (ph 417 833-1515; fax 417 833-4132).

A welder, generator, air compressor, and battery charger all fit together on the Air N Arc portable power system. By removing the wheels, you can bolt the platform directly to a pickup bed.



"Do It All" Portable Power System

This new compact portable power system puts a welder, generator, air compressor, and battery charger all together in one lightweight unit.

The Air N Arc system consists of a 2-wheeled platform with a handle at one end. By removing the wheels, you can bolt the platform directly to a pickup bed.

The system's components include a Volt Master generator, a Zena high frequency 100 percent duty cycle arc welder, a Honda 13 hp electric start engine, two 8-gal. air tanks, an Interstate battery, and a Puma air compressor. A serpentine drive belt powers the various components. The unit weighs just 425 lbs.

"It's a lightweight, affordable unit that doesn't take up much more space than a conventional air compressor. It eliminates the need for two or three different sets of equipment," says inventor Kris Kessler, Scott City, Kansas. "With this system you're ready for any service work, anywhere, any time. "I came up with the idea because I have farms that are spread out about 100 miles apart. I needed repair and service equipment with me at all times, without having to lug around a lot of weight."

"The Zena welder is specially designed for us and is the most compact welder in the

world. Another key to our design is the serpentine belt system. It offers a 10,000 hour life expectancy which is much longer than the life expectancy of a typical V-belt. Another key feature is that the air tanks are separate from the air compressor. On a conventional air compressor, the air tanks are welded to a steel platform and support the weight of the entire machine, and therefore take on all the vibration. On our power unit, the air tanks are surrounded and protected by the platform so they don't receive direct vibration. Therefore, we can mount equipment on top of the tanks without endangering their integrity."

Options include a 150-amp battery charger with booster cables, which turns welding current into regulated DC charging current; a spool gun for wire welding in the field; welding cable extension segments in 20, 30, 40, and 50-ft. lengths; an air hose reel that lets you clip the hose reel onto the handle; and a cover for the entire unit. Custom controls and features are available upon request.

Sells for \$3,495. A model equipped with a 30-gal. air tank and a 24 hp engine is also available. It sells for \$5,000.

Contact: FARM SHOW Followup, Air N Arc Mfg., Inc., Rt. 3, Box 90, Scott City, Kansas 67871 (ph 888 872-7151 or 620 872-7151; www.air-n-arc.com).

Add-On Filter System Extends Oil Life

If a little filtration is good, a lot of filtration is even better, according to Bob Jones at Ecofil International, manufacturer of add-on oil filtration systems.

Conventional oil filters remove particles in the 25 to 40 micron and up range. Ecofil systems take out particles as small as 6 microns in engine oil and 3 microns in hydraulic and other equipment oils. By comparison, a human hair is roughly 200 microns in diameter.

"It's like having an oil change every minute because it purifies oil at the rate of a gallon per minute," says Jones. "It takes out the impurities that would otherwise form into acids that damage system components."

For the past 10 years, Jones has been distributing the Ecofil micro-filtration system in Canada. This year he is expanding distri-

bution to the U.S. Ecofil originates in Slovakia, but some components are made in North America.

Chris Bogaert is an Ontario dealer of Ecofil. He uses the system on a Dodge Diesel truck and only changes oil every 100,000 miles based on oil analysis. He changes the bypass filtration system filter cartridges every 25,000 miles. Standard recommendations with the system are for filter cartridge changes every 6,000 miles and oil changes every 60,000 miles.

The Ecofil system mounts outside the main oil circulation system. It not only removes particles, but also absorbs water, extending the life of the engine oil up to 10 times. On hydraulic systems, it virtually eliminates changing fluids or filters.

Bogaert has sent customer oil to a lab for

analysis 24 hours after installing the system and been told the oil is cleaner than new oil.

"The misconception is that oil loses its properties," says Bogaert. "It doesn't. It just gets contaminated. Construction, with its harsh working conditions, is where Ecofil really works well. The contamination tears everything apart. If the hydraulics go out on a bulldozer, you have a big expense."

The Ecofil filtration system is priced at \$795 with replacement cartridges priced at \$35. This compares favorably with dual oil filters, which can cost \$70 to replace. If their effective use life is extended 10 times, the system quickly pays for itself. Add to that reduced maintenance and extended engine and hydraulic system life, and the Ecofil looks pretty attractive.

Contact: FARM SHOW Followup, Bob



Two-in-one machine has a wood splitter on one side and a welder on the other.

Wood Splitter Doubles As A Portable Welder

If you look at Lloyd Lundblad's home-built machine from one side, you'll see a wood splitter. Walk around to the other side and you'll see a welder.

"I always wanted a wood splitter and I needed a welder, too, so I used one engine for both," he says.

He used parts from a #25 Deere 2-cyl. combine from around 1950 including its engine, wheels and frame.

The engine direct-drives a hydraulic pump that powers the splitting cylinder mounted on the left rear corner. He uses it on birch logs

up to about 20 in. long.

The engine also belt-drives a surplus air-charger generator that provides power for the welder. The generator mounts on the back right side.

All Lundblad had to buy was the hydraulic cylinder on the splitter. Since it has a Deere engine, Lundblad painted the whole thing green and yellow. "It may be the only Deere wood splitter in the world," he says.

Contact: FARM SHOW Followup, Lloyd Lundblad, Box 147, Valleyview, Alberta, Canada T0H 3N0 (ph 780 524-2133).

He Uses Air To Power All His Shop Tools

Harlan Weaver operates a light manufacturing company on his farm near Shobonier, Ill., where he builds conveyors with wooden and plastic housings. Because he is Amish he doesn't use any electricity in his shop. Instead, he uses only pneumatic power to operate his shop tools which include a pneumatic air drill, jig saw, and nail gun.

To supply the air power, Weaver bought a commercial diesel power unit and mounted it on a concrete pad inside a utility room in the shop. The power unit uses a 40 hp diesel engine to belt-drive a line shaft, which in turn belt-drives an air compressor, a hydraulic pump, and a blower that takes sawdust away from his saws. Air is pumped into a 900-gal. compression tank located outside the shop. The engine requires 3/4 gal. of fuel per hour.

Pneumatic power is also used to operate a large ceiling fan in the shop, via a small air motor mounted just above the fan. By turning a valve, Weaver can direct compressed air through a line mounted at ceiling level to the air motor above the fan.

Contact: FARM SHOW Followup, Harlan Weaver, Rt. 1, Box 138, Shobonier, Ill. 62885 (ph 618 349-6177).



Weaver uses air to power a large ceiling fan in his shop. Compressed air is directed through a line mounted at ceiling level to an air motor above the fan.



Air power unit consists of a 40 hp diesel engine that belt-drives a line shaft, which in turn drives an air compressor, a hydraulic pump, and a blower that takes sawdust away from Weaver's saws.



Ecofil add-on oil filtration systems take out particles as small as 6 microns in engine oil and 3 microns in hydraulic and other equipment fluids.

Jones, Ecofil International, 1497 Jordan, P.O. Box 958, Sutton, Quebec, Canada J0E 2K0 (ph 450 538-5656; interflex@mail.com).