

## Need Power? Check Out These Hydro-Pacs

Power Systems & Supply has hydraulic power systems available for nearly any need. Their Hydro-Pac DC power units start at 1 1/2 gpm and 2,500 psi. Gas-powered systems range from 4 1/2 gpm to 10 gpm with pressure ranging from 1,000 to 2,000 psi.

"Hydraulics are convenient for many things around the farm, but sometimes hydraulic power isn't available," says John Beiler, Power Systems & Supply. "That shouldn't stop you from developing an idea that requires hydraulic power."

He points out that 12-volt power packs are very affordable and easy to install. However, flow rate/speed is limited. If speed is needed, he recommends gas engine-powered hydraulic packs. Either way, Beiler's company can meet your needs.

"We offer a variety of valve types and sizes of pumps and reservoirs," says Beiler. "Valve

options vary from manual to remote and multi-valve, 3-way, 4-way, variable speed and more."

Hydro-Pac DC power units have heavy-duty, 2-post motors and double action valves with stationary switch mounting options. Remote controls are also available.

Gas hydraulic power units offer frame and no-frame options, as well as electric start and wheeled versions.

If planning a project that could benefit from hydraulic power, Beiler suggests you contact the company to discuss your needs.

"We have many years of experience and keep all parts in stock," says Beiler. "Many great inventions are initiated from meeting a need."

Contact: FARM SHOW Followup, Power Systems & Supply, 10381 S. 800 W., Waveland, Ind. 47989 (ph 765 435-3733).



Both 12-volt and engine-powered hydraulic power packs can be configured for a variety of uses.

## Two-Post Auto Lift For Tight Spaces

The MaxJax lifting system by Danmar is a portable, two-post lift that can fit in any garage. Roll it into place and bolt it to pre-placed, drop-in anchors. Hook it up to the mobile power unit, attach the hydraulic couplers, and install the adjustable lift arms. MaxJax can lift 6,000 lbs. up to 4 ft. high in 30 secs. The fully integrated hydraulic system powers up on any 20-amp, 110-volt circuit.

"The MaxJax is designed for the home garage," says Chris McClure, Danmar. "It can be installed in less than 30 mins. When not in use, the posts and power unit roll away into a corner, taking up minimal floor space."

The recessed drop-in anchors are a one-time installation. The internally threaded anchors flush mount. Each properly installed anchor has a holding power in excess of 14,500 lbs. when installed in at least 4-in. thick concrete. Lift installation can vary

depending on the size of vehicles being serviced. If you're working on a garden tractor, motorcycle, or ATV, you can use just one lift post with an optional attachment.

The original MaxJax sells for \$1,899. It has manual locks. Once the lift is at the desired height, a locking bar between the arms secures it in place.

"We have just introduced a new version, the MX-6 with automatic locks and safety releases at 7 different heights," says McClure.

The MX-6 is priced at \$2,299. The price includes free delivery. It also includes a 3-year extended warranty on parts and labor.

Contact: FARM SHOW Followup, MaxJax, 646 Flinn Ave., Moorpark, Calif. 93021 (ph 844 629-5291; toll free 877 397-8225; sales@danmar.com; www.maxjaxusa.com).



Portable 2-post lift hooks up to a mobile power unit and can lift 6,000 lbs. up to 4 ft. high in 30 secs. For something smaller you can use just one lift post with an optional lift attachment.

Plugging your engine block heater into the Power Badger can reduce heater's operating cost by up to 80 percent. It works by sensing the outside temperature and then adjusting automatically.



## Energy-Saving Engine Heater

A new engine heater controller can reduce the cost of running a block heater by up to 80 percent, says Jeff Aiello of Bostic Motors, Inc., Bostic, N.C.

The Power Badger™ can be used with engine block heaters, pan/tank heaters, battery warmers, and the like. The block heater plugs into it, and it works by sensing the outside temperature and then adjusting automatically.

The unit has 2 different modes. The first is used to "ready" your engine for a specific start time, and the other mode is used to maintain the engine so that it's ready to start at any time. An LED display monitor shows the "ready" time in large blue digits that are easily readable day or night.

"It works for any kind of engine but is targeted at diesels," says Aiello. "Most people don't know how much time to allow the heater to fire at a given temperature and/or don't want to make daily adjustments to a

timer to achieve optimal savings."

Until now engine heaters have been uncontrolled energy wasters, says Aiello. "Most engine block heaters use energy as soon as they're plugged in. Yet most people simply plug in their heater when they get home and let it run constantly, all night long, often wasting 500 to 1,500 watts of power per hour. That comes out to \$1.15 to \$5.45 of wasted energy per day, depending on your heater wattage, climate and local power rates. In cases like these, the Power Badger™ can pay for itself in less than one season's use, and will almost always pay for itself within 2 seasons of use."

The Power Badger sells for \$99 plus \$14.95 S&H.

Contact: FARM SHOW Followup, Bostic Motors, Inc., 157 North Main Street, Bostic, N.C. 28018 (ph 828 453-7779; jeff@thepowerbadger.com; www.thepowerbadger.com or www.6-5liter.com).

## Old Hand Truck Makes Handy Welder Cart

Last spring when Harrell Cummings bought a new hand truck, he didn't throw out the old one. Instead he repurposed it into a useful welding cart.

"I had two welders, and I got tired of carrying them around," says the retired small engine mechanic who likes to help out his Fairmont, N.C., neighbors by fixing broken lawn mowers and other things.

He replaced the cart's old tires with solid rubber wheels from an old Murray lawn mower. And he beefed up the deteriorated platform base with angle iron to hold one of the welders.

To accommodate a second welder, he welded an angle iron frame between the handle sides to hold a piece of plywood about halfway up.

"I have it spaced so the load is even," Cummings says.

Welder cables are held in place by the metal handles of old paint rollers bent in the shape of an L and tacked to the hand truck frame. Welding rods are convenient in an 8-in. piece of 3-in PVC pipe with a cap in the bottom that is mounted to the hand truck with tape.

Though he purchased a new 115/220-amp welder that he uses occasionally, Cummings notes he uses his 40-year-old, 100-amp welder for most projects.

Because everything is handy on his welder cart, Cummings says it's easier for him to



Modified hand truck holds 2 welders as well as welder cables and welding rods.

tackle a project whether it's fixing something or when he has an idea to make something out of scrap.

Contact: FARM SHOW Followup, Harrell Cummings, 455 Reva Rd., Fairmont, N.C. 28340 (ph 910 628-7378; hsc455@att.net).