

He Made A Metal Brake To Fit 20-Ton Press

"When I started a steel fabrication business, I needed a metal brake to bend metal. I already had a 20-ton shop press, so I decided to build a metal brake for it, too," says Kevin Ranette, Moyie Springs, Idaho.

"I took a 22-in. length of 1/2-in. thick by 3-in. wide cold rolled flat metal, put a 50 degree bevel on it, and hard-faced it to make the bending plate. I then welded a length of 1/4-in. thick by 1-in. wide flat bar at the top and bottom on each side and drilled a 1/2-in. dia. hole in each bar. For the bottom, I took a 1/2-in. thick by 6-in. wide by 22-in. long plate and welded a length of heavy 1 1/2-in. angle iron to it. I hard-faced the edges and welded some 1/2-in. dia. cold rolled stock vertically so the 1/2 by 3-in. bending plate will stay centered. The plate moves up or down by means of a spring that fits over the 1/2-in. dia. round stock.

"I've used this brake to make hundreds of bends, and it's still in excellent shape. It'll easily bend a 20-in. length of 3/16-in. thick sheet metal. I've also used it to bend 1/2 by 2-in. flat bar, 1/4 by 6-in. flat bar, and up to 3/4-in. dia. cold rolled round stock. It should also be able to bend flat stock up to 1/2 in. thick by 2 1/2 in. wide.

"It's easy to install. I just slide it on top of the press's bed plates. If I want to use the press for something else, the brake slides right off."

Ranette says he's willing to custom build brakes for anyone who's interested. "My brake should fit all standard 20-ton floor shop presses, and I can also build brakes for larger presses. Contact me for further information, prices and shipping costs. The price will vary according to the size and thickness of the steel, and also the hardness. The price for a



"I've used this brake to make hundreds of bends, and it's still in excellent shape," says Kevin Ranette about the metal brake he built to fit his 20-ton shop press.

small brake used with a 20-ton press is about \$300, depending on steel."

He says he can custom build just about anything out of steel. "If there's something that you'd like built, give us a call," says

Ranette.

Contact: FARM SHOW Followup, Kevin Ranette, 286 Enchanted Lane, Moyie Springs, Idaho 83845 (ph 208 267-6378; ranetteironworks@gmail.com).

Got A Bad Radiator? Here's Where To Go

If you need a radiator, the Radiator Supply House either has it on hand or can get it. They have more than 10,000 radiators, oil coolers, charge air coolers, A/C condensers and shrouds for cars, trucks and more. If they can't get what you need, they'll make it. They restore, recore, replace or build new.

"A vehicle description and an original manufacturer part number will get us what we need if a replacement has already been developed," says Will Garrett, Radiator Supply House. "If not yet developed, send us the unit, and we will do a full set of drawings and build it. From then on, we'll be able to build them for others off the part number."

Garrett says the firm stocks radiators for everything from Peterbilt trucks to Honda

Accords. "We build radiators for Honda Goldwings for a company and always keep one on a shelf," says Garrett. "We even build radiators for a company that developed a berry picking machine."

Garrett and his brother Ryan learned the business in their dad's radiator shop. They opened Radiator Supply House in 2003. They've developed special wide fin spaced cores to help farmers deal with airflow and debris in cooling units. They are considered a leader in manufacturing steel tanks to replace plastic tank radiators. They also were one of the first to develop steel tank/copper-brass radiators to replace all-aluminum radiators for the RV industry.

"We manufacture a lot for agricultural

equipment," but have done a little of everything," says Garrett. "We've done radiators for P51 fighters, locomotives, cars from different countries, and even equipment for logging operations in Russia. We've made and stock components for everything from cars and trucks to ag, refuse and construction equipment, as well as RV and performance engines."

Contact: FARM SHOW Followup, Radiator Supply House, 4432 Hwy. 20, Sweet Home, Ore. 97386 (ph 541 367-2991; toll free 877 615-3002; info@radiatorsupplyhouse.com; www.radiatorsupplyhouse.com).



Radiator Supply House can restore, recore, replace or build new radiators.

Company Specializes In "Everything Carburetor"

Daytona Parts Company prides itself on having everything you need when it comes to carburetors from present day to as far back as 1925. The company website offers more than 100,000 records of carburetors, kits, and parts, both domestic and foreign. Daytona Parts also provides repair services.

Call or write for parts or use the "Find Your Carburetor Kit" tool on the company website. High-resolution images let you compare yours with ones in stock to ensure you find the exact carburetor you need.

The company specializes in restoring carburetors to OEM specifications, but with ethanol resistant parts. Simply ship the faulty carburetor to Daytona Parts. Carburetors are totally disassembled, including bases and passage plugs. Components are cleaned in hot tank solutions. Zinc castings and aluminum castings are dichromated for protection against oxidation. Steel linkages are cleaned and replated. Base assemblies are cleaned, painted or black oxidized. Parts are then reassembled with new gaskets, pumps, needles, seats, clips etc. Factory bench adjustments are performed, and after adjusting, the carburetor is packed with a new base gasket and air cleaner gasket, if needed, for shipment.

Kits for do-it-yourself restoration also come with ethanol-resistant parts to match



Daytona Parts Company specializes in carburetors, offering kits, parts, and repair services.

today's fuel mixes. Kits include an Accel pump, needle and seat, gaskets, check valves, clips, springs and other small parts.

Daytona also offers its own float valve design that it claims will prevent flooding due to dirt, rust or excess fuel pressure. Standard tapered steel or Viton needle floats can develop a wear groove that prevents proper seating due to engine vibration, age and road shocks. The Daytona float uses a fluorocarbon disc that seats on the inverted flair end of the orifice. It has no wear points. It also eliminates the need for a large float drop, as fuel level is maintained in the bowl from idle through top speed.

Daytona also markets its own brand of universal carburetor for replacing old single

Barbeque Grill Tool Cart

Tom Kalista, Longview, Wash., converted a burned-out barbeque grill into a handy, wheeled tool cart.

"It's really handy because I can just pull alongside whatever machine I'm working on," says Kalista. "My only cost was a little time."

He threw the top part of the grill away and installed a piece of plywood where the tray used to be, and he drilled holes into the grill's wooden sideboards to make room for long-handled tools. He also replaced the grill's original 2 small plastic wheels with wheels off an old push mower.

"With the big lawn mower wheels it rolls around quite easily," says Kalista. "I use the top tray to store tools such as pipe wrenches, screwdrivers, extension sockets, etc., and the bottom tray to store bigger items such as large wrenches and hammers, hydraulic jacks, and



Barbeque grill tool cart rolls easily on big lawn mower wheels.

coffee cans filled with miscellaneous items. I cut a large notch into one end of the top tray to make room for my hands when pushing the cart around."

Contact: FARM SHOW Followup, Tom Kalista, 2107 48th Ave., Longview, Wash. 98632 (ph 360 425-3953).

barrel carburetors. Available in 2 models, it features a fully adjustable, external high-speed main jet, along with adjustable throttle levers for quickly changing high-speed jetting and throttle arm setups. It is designed for fine-tuning any application for fuel/air mixtures on the high speed circuit and is especially suited for dual or triple carburetor installations.

All models are manual choke only. However they fit nearly any automotive or

industrial application from the early 1930's to present day and feature ethanol resistant parts.

Contact: FARM SHOW Followup, Daytona Parts Company, 1191 Turnbull Bay Road, New Smyrna Beach, Fla. 32168 (ph 386 427-7108; mail@daytonaparts.com; www.daytonaparts.com).