



Letters and symbols are hand carved into old limestone rock fence posts measuring 5 1/2 to 6 ft. long and 9 by 12 in. square.

PERSONALIZED LIMESTONE ROCK

Attractive "Name Tag" To Identify Your Farm

A Kansas innovator makes his living selling personalized limestone rocks.

"They make a great name tag for identifying your farm or ranch," says John Feist, of Great Bend. "They're unusual, attractive, and easy to spot and read."

John makes the markers out of old limestone rock fence posts measuring 5-1/2 to 6 ft. long and 9 by 12 in. square. The rock is soft, allowing letters and symbols to be hand carved with a hammer and chisel. After carving out the letters, John paints the background — usually in a color to match the color of the customer's farm or ranch home.

The personalized markers can be carved for either horizontal or vertical display. Lettering can be embellished with brands, animal silhouettes and other adornments. Base cost (lettering only) is \$200 for horizontal markers, \$175 for vertical markers.

"Word of mouth has been my best advertising," says John. "Many outstate customers call in their order, then swing by when on business or vacation to pick up a personalized limestone marker for their farm or ranch."

For more information, contact: FARM SHOW Followup, John Feist, 2332 Garfield, Great Bend, Kan. 67530 (ph 316 793-8116).



Spera built this self-propelled sprayer from a 1974 Deere 6600 combine.

60-FT. SPRAYER EQUIPPED WITH 1,000-GAL. REAR-MOUNTED TANK

Huge Sprayer Built From Deere Combine

An Iowa farmer who didn't like the sprayers he saw on the market built his own 60-ft. wide self-propelled sprayer from a 1974 Deere 6600 combine.

"I had been using a 3-pt. mounted sprayer, but I got tired of having to hitch it up all the time and disconnect the front-mount cultivator on my tractor," says John Spera, of Winterset. "My combine sprayer lets me get on and go and doesn't tie up a tractor. Because the sprayer has the combine's hydrostatic transmission, I can operate at variable speeds for different rates of application. I paid \$4,000 for the combine and spent a total of about \$7,500 to build the sprayer which was only about half the price

of a new sprayer of comparable size."

Spera stripped away everything but the 404 cu. in. diesel engine, axles, and cab. He cut off the rear half of the grain tank, slid the tank's rear panel forward, and welded it back on. He lengthened the frame 18 in., reinforcing it with 6-in. channel iron, then mounted a 1,000-gal. tank on back. The rear axle was widened to 120 in. and trussed for strength. He salvaged a fuel tank from an International 715 diesel combine and mounted it in the remaining half of the grain tank. He removed the combine's front tires and replaced them with smaller 18.4 by 26 tires, leaving the original 11.00 by 16 rear tires in place. "The smaller front tires make



The "powerchute" is a parachute with a motor on it. If the motor ever fails, you just drop back down to earth.

ALREADY CATCHING ON FAST WITH AUSTRALIAN AND BRITISH FARMERS

Powered Parachutes: Safer New Way To Fly

If owning your own airplane appeals to you but you don't have a pilot's license and you're leary about getting into an ultralight, you'll like these new "Powerchutes" that are essentially a parachute with a motor on it. If the motor ever fails, you just slowly float back down to earth.

Powerchutes are already catching on fast in England, where they're manufactured, and in Australia where a distributor is selling them as fast as he can get them. So far, there is no U.S. or Canadian distributor for the new flying machines.

Available in single or two-seater models, Powerchute consists of a go-cart like propeller-equipped buggy hanging from a conventional multi-cell parachute. To take off, the buggy drags the chute behind it until it fills with air. It flies at nearly 40 mph to a maximum height of 5,000 ft. The single seater is fitted with a 42-hp. 2-stroke "Rotax" 447 engine with a 7 gal. tank that's good for 3.5 hours in the air. Weighs 260 lbs. It climbs or descends by simply increasing or decreasing power. Takes only

about 25 yards of ground travel to take off. You can climb to 500 ft. in 30 sec. Direction of travel is controlled by pulling on toggle lines running up to the chute. When landing, chute acts as a brake, stopping the cart in anywhere from 5 to 50 yards.

Powerchutes were tested extensively by the British military and have been approved by both the British and Australian departments of civil aviation. No license is needed to fly them.

"We've had tremendous interest from farmers who use them to check livestock, fencing, and crops, as well as just for fun. It takes the risk and anxiety out of flying and is inexpensive enough to put it within reach of almost anyone," says Stephen Conte, managing director of Aerochute Industries, Australian distributor.

Sells for about \$11,000 for the single seater.

For more information, contact: FARM SHOW Followup, Aerochute Industries, 12 Acheson Place, North Coburg, 3058, Victoria, Australia (ph 03 354 2612; fax 03 354-

the front of the tank 3 inches lower than the rear so liquid runs to the front outlet," says Spera. A 3-in. dia. outlet at the rear is used to fill the tank. He moved the fan mill shaft about 12 in. lower and 12 in. forward. The fanning mill shaft is belt-driven by the unloading auger control shaft and is used to engage and disengage an Ace centrifugal spray pump.

Spera mounted the boom on feederhouse pivot points and supported it with parallel linkage built from 4 by 4-in. steel tubing. The feederhouse hydraulic cylinder is used to raise and lower the heavy-duty boom which is built in five sections. The center section of the boom is built from 4 by 3 steel tubing, the two sections next to it are built from 3 by 3 steel tubing, and the outside

sections are built from 2 by 2 steel tubing. The four outside sections ride on 13-in. gauge wheels salvaged from a Dodge car and mounted on 4-bolt implement spindles. Each section of the boom floats independently. The outside sections fold forward by hand while the inside sections fold hydraulically into a vertical position. When the outside sections are folded in the boom is 30-ft. wide and can be used to spray 12 rows at a time. Four electric shut-offs in the cab allow individual control of four separate 6-row sections of the spray line. A 5-ft. breakaway section built from 1-in. steel tubing is mounted on each end of the boom.

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