



Photo courtesy: Farm Collector Magazine

"Big Country Windmills" stocks parts for obsolete, discontinued and vintage windmills.

SPECIALIZING IN OBSOLETE UNITS

They Carry Parts For More Than 300 Windmills

If you're got an old windmill you'd like to get running again, you might want to check out "Big Country Windmills".

"We specialize in parts for water-pumping windmills from 30 to 40 different manufacturers, each of which produced four or five different models in up to six different sizes," says Randy Stubbs. "That means we've got parts for more than 300 windmills altogether."

"Ninety-nine point nine percent of old mills need something done to them," Stubbs says. "They've been up in the air for 25 to 60 years so they're going to be worn. But with our parts inventory, we can get most windmills going again."

The most commonly requested parts are replacement gearboxes, hubs, shafts and wind wheels (the company fabricates some of its

own wheels).

The brand names include Aeromotor, Monitor, Challenge, Dempster, Fairbury, Woodmanse, Flint-Walling, Eclipse, Parish, Kenwood, Diamond, IXL, Western, Samson/Stover, Baker, David Bradley, and Fairbanks Morse, to name just a few.

Good replacement gearboxes generally sell for between \$250 to \$500, as do wind wheels. Hubs and shafts generally sell for between \$100 and \$150.

The company also sells a complete line of new and reconditioned windmills starting at \$600.

Contact: FARM SHOW Followup, Big Country Windmills, Rt. 1, Box 43, Maxwell, Neb. 69151 (ph 308 582-4451; Website: <http://windmills.swnebr.net/>).

"Go-Between" Liquid Fertilizer Cart

"I built it for about half the price of comparable commercial rigs," says Eugene Weimerskirch, Coulee City, Wash., who built his own high-capacity "go-between" fertilizer cart by mounting a 1,500-gal. poly tank on a homemade frame and axle that's equipped with flotation tires designed for World War II "bomber" airplanes.

The cart measures 120 in. from center to center of the wheels for stability on steep hills. The wheels and axle are off an old Masey Ferguson combine. Weimerskirch pulls the cart between his Case-IH 4-WD 260 hp tractor and a 40-ft. field cultivator.

"I spent less than \$5,000 to build it. A comparable commercial unit sells for up to \$10,000," says Weimerskirch. "My cart is

built to last a long time. The frame is made from 4-in. sq. steel tubing and the axle was fashioned out of a 4-in. dia. heavy steel shaft. The tires are wide for flotation and tall for riding over bumps without shaking everything apart.

"Liquid fertilizer runs from a manifold on the cart down to the cultivator shanks where it's injected into the ground. The tank is equipped with a ground-driven pump and a flow meter which I can control from the tractor cab. I mounted a pressure gauge on top of a vertical steel rod that mounts in front of the tank."

Contact: FARM SHOW Followup, Eugene Weimerskirch, 11031 SR 17N, Coulee City, Wash. 99115 (ph 509 632-5525).

Windmill Resource Guide

These companies and individuals work on windmills and also supply parts.

Aeromotor Windmill Co. Inc.
4277 Dan Hanks Lane
P.O. Box 5110
San Angelo, Texas 76902
Ph: 800 854-1656 or 915 651-4951;
fax 915-651-4948;
Website: www.aeromotorwindmill.com;
E-mail: inf@aeromotorwindmill.com

Dakota Windmill & Supply Co.
28043 SD Hwy. 19
Hurley, S. Dak. 57036
Ph: 605 238-5110

O'Brock Windmills
9435 12th Street
North Benton, Ohio 44449
Ph: 330 584-4681

Paul's Windmill Service
214 County Road 2600 E.
Broadlands, Ill. 61816
Ph: 217 834-3026

Virden Perma-Bilt Company (for new-style sucker rod)
2821 Mays Ave.
Box 7160-DJ

Amarillo, Texas 79114-7160
Ph: 806 352-2761

Ralph Wiebusch
Rt. 1, Box 214
Zumbro Falls, Minn. 55991
Ph: 507 753-2415

Here's a list of companies that make electric-generating windmills, ranging from small farm-size units to large power generators.

Lake Michigan Wind & Sun
1015 County U
Sturgeon Bay, Wis. 54235-8353
Ph: 920 743-0456; fax 740-0466
Remanufactures the old Jacobs "short case" and Jacobs "long case, and is the North American distributor of British-made Aercon Wind Generators.

Old Mill Manufactory
14778 State Gap Road
W. Fork, Ark. 72774
Ph: 501 839-8269
Manufactures 12 and 32-volt wind generators that are compatible with old Delco systems.

Southwest Windpower Inc.
P.O. Box 2190
Flagstaff, Ariz. 86003
Ph: 602 779-9463; fax 1485
Manufactures Windseeker 502 and 503, and AIR.

Wind Turbine Industries Corp.
16801 Industrial Circle SE
Prior Lake, Minn. 55372
Ph: 612 447-6064
Manufactures the Jacobs 29-20.

Trillium Windmills Inc.
1843 Marchmont Rd.
R.R. # 2
Orilla, Ontario, Canada L3V 6H2
Ph: 705 326-6513; fax 2778
North American distributor of the British-made Rutland Windchargers (Marlec Engineering Co., Ltd.).

Windstream Power Systems
One Mill Street
P.O. Box 1604
Burlington, Vt. 05402-1604
Ph: 802 658-0075; fax 1098
Manufactures Windstream.

World Power Technologies
19 Lake Avenue North
Duluth, Minn. 55802
Ph: 218 722-1492; fax 0791
Manufactures Whisper wind generators.

WSW Systems
2101 North Fourth Street
Flagstaff, Ariz. 86004
Ph: 520 774-6341; fax 6451
Manufactures Wind Baron 750 and distributes the Scottish-built Proven Wind Turbines



Cart's homemade frame and axle, which is equipped with flotation tires designed for World War II "bomber" airplanes, carries a 1,500-gal. poly tank.