

# **BLACKHAWK WINDMILL PUMP**



### GO GREEN.

Windmill pumps eliminate the need for electric or pneumatic power. And in addition to free wind power, your state may offer green tax credits when you use windmill pumps in your landfill.

Combine the traditional advantages of windmill power with today's pump technology. And get the permanent, low flow pumping you need without providing power to remote sites.

	FEATURES	BENEFITS
	Space age materials of construction	<ul> <li>Continuous fiberglass rods provide strength, lightweight, and flexibility, and eliminate cumbersome jointed steel lift rods.</li> </ul>
		<ul> <li>Delrin drive pistons replace heavier, less efficient brass pistons</li> </ul>
		<ul> <li>Nitrile or Viton u-cups replace traditional leather for greater compatibility with landfill liquids.</li> </ul>
		<ul> <li>Stainless steel foot valves and stainless steel check balls provide longer service life than brass parts.</li> </ul>
		<ul> <li>New materials offer compatibility with a wide range of chemicals.</li> </ul>
		<ul> <li>Today's proven materials are lighter, easier to use, and long lasting.</li> </ul>
	Eliminates power	Eliminates cost of supplying power to remote sites
	requirements	Eliminates maintenance costs associated with other power sources
		Ideal for closed remediation and landfill sites
	Compatible with full range of Blackhawk pumps	Combines wind power with the piston pump that matches your application
		Offers a range of downhole and windmill combinations
		Provides an aesthetically pleasing power option



# **BLACKHAWK WINDMILL PUMP**

## **FEATURES**

### **BENEFITS**

Strong, adjustable windmill construction

- Available in 14-foot stub tower or 21-foot full tower designs
- Strong, heavy anchor and cross bracing provide tower strength and rigidity.
- Adjustable pump stroke provides either added power or delivers greater volume.
- Balanced load construction minimizes wear.
- Positive oiling systems and removable bearings simplify maintenance.

#### WINDMILL SPECIFICATIONS

MODEL 802	MILL SIZE (WHEEL DIA. IN FT.)	STROKE (INCHES)	NUMBER OF SAILS	SHIPPING WEIGHT (LBS.)
×	6	5 and 3.75	18	200
Α	8	7.125 and 5.5	18	350
В	10	9.25 and 7.25	18	640
D	12	11.5 and 8.25	18	1090
E	14	13.5 and 9.75	18	1735
F	16	1.875 and 1.375	18	2410

### ABOUT BLACKHAWK TECHNOLOGY COMPANY

Founded in 1990, Blackhawk Technology Company manufactures the industry's most comprehensive line of electric, pneumatic, and windmill top-head-drive positive displacement piston pumps designed to withstand the harshest outdoor environments and the most rigorous downhole pumping conditions. The Company originated landfill and groundwater remediation piston pumps, and no one offers more real world experience in landfills, petrochemical facilities, and remediation sites.

To learn more, see our customer testimonials and case histories at www.blackhawkco.com.

Contact us for a sample landfill application specification.

