



The perfect solution for providing a lifetime of free water.

For irrigation, farm, ranch, home and community water supply. Excellent for filling lakes, reservoirs and tanks. Advanced multi-bladed design is hard at work in winds so light that electric generating windmills are standing still. All mechanical design is simple and efficient. Provides far more water for the money and has a much longer working life than solar or wind electric pumping systems. Strongly made of quality galvanized steel and iron. Provide a lifetime of heavy duty service. Powerful enough to lift water more than 400M (1200ft) in elevation and pump through pipelines for miles. Available in a full range of sizes from our small 1.2M (4ft) diameter to our large 6M (20ft) diameter that can pump more than 500 tons per hour. Heavy duty all hot galvanized towers that can survive storms that wreck buildings. Tower heights available from 8M to 28M. Proven wind energy systems used worldwide since 1970.

- WATER FOR FARMS
- WATER FOR VILLAGES
- WATER FOR COMMUNITIES
- WATER FOR LIVESTOCK
- IRRIGATE FARMLAND
- FILL LAKES AND FISH PONDS
- PUMP UP TO 500 TONS PR HOUR
- MINIMAL MAINTENANCE
- WORKS IN LIGHT WINDS
- LONG WORKING LIFE
- LIFT WATER MORE THAN 400M
- PUMP WATER FOR MILES
- DRAIN FLOOD LANDS



PERFORMANCE AT DIFFERENT WIND SPEEDS

LIGHT WINDS

3.6 to 10Mph - 11 to 16Kph or 1.6 to 4.5Mps

Leaves and small branches move and wind is felt lightly on the face. Iron Man Windmills usually begin working in the lower light wind speed range and pump about 25% of the amount shown.

MEDIUM WINDS

11 to 17Mph - 17 to 27Kph or 4.9 to 7.6Mps

Tree branches move, dust is raised and litter blows on the ground. Pumping capacity is about 50% of the amount shown.

STRONG WINDS

18 to 20Mph - 28Kph to 32Mps or 8 to 8.9Mps

Small trees sway. Pumping capacity is 100% of the amount shown. In winds over 20-25Mph (32-40Kph or 8.9-11.8Mps), the wind storm protection mechanism will allow the wind wheel to automatically turn out of the wind and thus control speed and protect the windmill.

PUMPING CAPACITY OF IRON MAN WINDMILLS		
WINDMILL DIAMETER	PUMPING ELEVATION METERS	PUMPING CAPACITY LITERS PER HOUR
2.4M - 8ft	60	570
	35	990
	20	1780
	15	2765
	10	3975
	6	6435
	3	12500
3.6M - 12ft	130	570
	80	990
	50	1780
	30	2765
	20	3975
	12	6435
	7	12500
4.8M - 16ft	310	570
	185	990
	110	1780
	70	2765
	50	3975
	30	6435
	15	12500
6.0M - 20ft	370	1140
	185	2445
	80	5225
	40	11360
	15	33315
	5	92365
	1	533750

1 LITER = 0.264 US GALLONS 1000 LITERS = 1 METRIC TON = 1 CUBIC METER = 264 GALLONS = 1.1 TONS US



● **PUMP LARGE AMOUNTS OF WATER**

Proven time and time again to provide more water than other windmills.

● **SCIENTIFIC WIND WHEEL DESIGN**

Accurate curvature and blade design provides maximum power.

● **LOWEST PRICED QUALITY WINDMILL**

Compare our pricing! This is an attractive business opportunity for dealers and distributors.

● **USES FINEST BABBITT BEARINGS**

Proven to be the best. The primary bearing material used today in modern automotive and heavy equipment diesel engine bearings. Costs more but lasts much longer, allows operation in the lightest winds - pumps more water.

● **HEAVILY CONSTRUCTED - STRONG TROUBLE FREE DESIGN**

Well suited for use in harsh environments. Only quality materials are used. Compare our weights with other makes.

● **LASTS A LIFETIME**

Provides years of dependable, trouble free operation.

● **AUTOMATIC REGULATION**

Protects windmill and tower in storms that wreck buildings.

● **AUTOMATIC LUBRICATION SYSTEM**

Every moving part is automatically flooded with oil, even in freezing winters.

● **NO GREASE OR OIL SEALS TO FAIL**

Bearings are protected from the elements for the life of the windmill.

● **LIGHT FITTING STEEL HELMET**

Prevents the elements from entering and damaging the working parts. Made of galvanized steel.

● **ALL EXPOSED STEEL PARTS ARE HOT GALVANIZED**

The best protection from rust and corrosion. Beware of other windmills using painted parts.

● **FORGED ALLOY STEEL FASTENERS**

High strength, alloy steel, hot dipped galvanized fasteners are used throughout for maximum protection. No cheap fasteners.

● **ALL METAL CONSTRUCTION**

No plastic parts - long, dependable life

● **SIMPLE DESIGN - LITTLE MAINTENANCE REQUIRED**

Easily maintained by anyone able to do basic farm equipment maintenance. No special tools required. Only needs lubrication once a year

● **ABLE TO WORK 24 HOURS A DAY**

Requires no sunlight that is available only for a limited time each day. Works day and night anytime there is a little wind

● **LOWEST ENERGY COST AVAILABLE**

Use only the free energy of the wind. No expense for gasoline, diesel fuel or electricity! Works day and night - anytime there is a little wind

● **HARD AT WORK IN LIGHT WINDS**

Highly refined multi-blade design works in winds so light that electric generating windmills are standing still. Begins pumping in winds as low as 3mph (5km) per hour

● **ABLE TO PUMP FROM ANY SOURCE**

Deep and shallow wells, rivers, lakes, ponds, tanks etc.

● **EASY TO INSTALL**

Smaller sizes can be set up and working in one day. Larger sizes can be completely installed anywhere using only hand tools. Can be installed anywhere, even remote locations not accessible by power.