Solar Mill
Quality Solar Pumps

Features

- Non-corroding pump components
- Light sensitive sun tracker
- Plug in electronic components
- Power maximiser
- Low tech product
- Key operating parts located one metre
- above ground
- 20 year Warranty on solar panels
- 2 Year System Warranty
- Automated operation
- Demountable solar array
- "Off the shelf" nitrile seals
- Hollow PVC rod on bore pump

Benefits

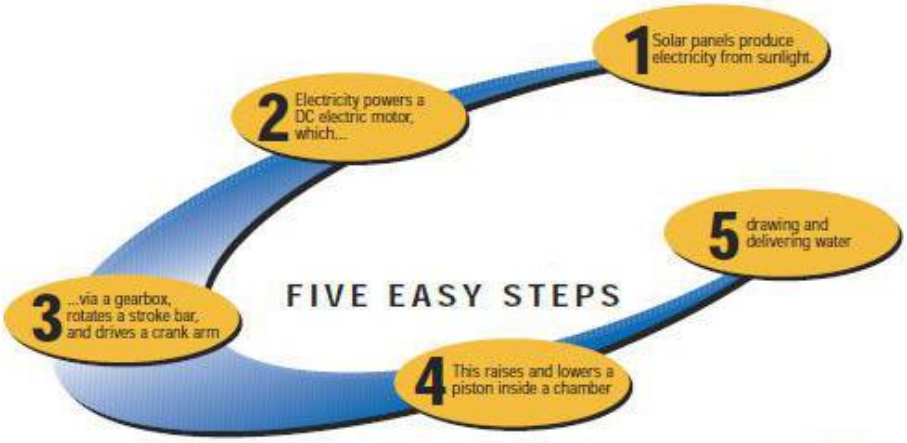
- Long life, and tolerant of brackish water
- Optimises solar energy by tracking sunlight in all light conditions
- No electrical expertise is required
- Increases water output (by up to 60 per
- cent when combined with a tracker)
- Easy to operate and trouble shoot Requires minimal maintenance Replacement parts are inexpensive Maintenance costs are low
- No risk of damage from water Easy to access for inspection and maintenance Safe to work on
- Major investment protected
- Peace of mind
- Reduced supervision
- Can be removed for safe storage
- when required
- Cheap and readily available
- Light and easy to pull when seal needs
- replacement

Reliability & Simplicity

The Solar Mill pump addresses the fact people in remote areas not only need a dependable pump, but one that is easily maintained on site, where technical support is not always close at hand. The Solar Mill has been designed deliberately as a low-tech product, which means it is easy to operate and requires very little attention. Occasionally the seals need to be checked, and someone needs to give the stuffing box a few squirts of grease. The great thing is that most system components are at ground level where they are easy to get at.

Best of all, replacement parts are inexpensive, so once you've purchased your system, there is little to worry about later. There is no need to become an electronics expert either - the system's electrical components are simple "plug in" units, easily removed for checking, and requiring little in the way of electrical know how.

Accessories include pressure and float switches to turn pumps on and off so you can automate your water delivery system and concentrate on the more profitable areas of your business.



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Find the System that's Right for You

SOLAR MILL

Flow Chart Guide for the 2 and 3 inch Solar Mill Solar Pump

Flows are stated in Litres per day from data logged in Perth, Western Australia.
Flows will vary depending on location.

	Tall Pump Drive															
Sun Mill System	125w		175w		250w		350w		500w		700w		500w (3 inch)		700w (3 inch)	
Total Dynamic Head (m)	Fixed	Tracked	Fixed	Tracked	Fixed	Tracked	Fixed	Tracked	Fixed	Tracked	Fixed	Tracked	Fixed	Tracked	Fixed	Tracked
10	5800	8250	7500	10750	12600	18000	12600	18000	14000	20000	Use 500w 3inch Sun Mill		25970	37100	28280	40400
15	5200	7400	6740	9625	11130	15900	11830	16900	14000	20000			20300	29000	27755	39650
20	4600	6550	5950	8500	8780	12550	11025	15750	14000	20000	15750	22500	Use 700w 2 or 3 inch pump		27335	39050
25	3700	5300	4795	6850	7350	10500	10500	15000	13400	19150	15260	21800			24185	34550
30	2850	4100	3640	5200	6160	8800	9975	14250	12700	18125	14525	20750			21245	30350
35			3395	4850	5670	8100	9520	13600	12500	17825	14315	20450			18620	26600
40			3150	4500	5390	7700	9240	13200	12250	17675	14245	20350			16030	22900
45			2800	4000	5250	7500	8960	12800	12000	17400	14000	20000	Use Alternate Sun Mill System			
50			2450	3500	4900	7000	8750	12500	11935	17050	13720	19600			Bore model only:	
55							8400	12000	11690	16700	13545	19350			Max TDH 30m	
60									10360	14800	11900	17000			Max Downhole 20m	
Motor	30V		30V		30V		30/60V		60V		60V		60V		60V	

Available as either Bore or Transfer pump

Fixed Array Flows	6 Peak Sun Hours
Tracked Array Flows	6 Peak Sun Hours

18/09/2007