

ePic
ARTWORKZ

The
official
Magazine
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Artworkz
Photo
Group

Windmills



- DAVID & DEBBIE HIBBERT -



Windmills

- In Australia -

A windmill is a wind driven mechanical pump used to pump water from a water source to a containment area. These areas can include dams, reservoirs, animal drinking troughs or water tanks. Windmills can also be used to pump water from a containment area where water is not wanted.

Windmills have been used in Australia from as early as 1803 and possibly even earlier.



RUBICON WINDMILL



WINDMILL BESIDE A DAM



PUMPING FROM A BORE IN A VALLEY



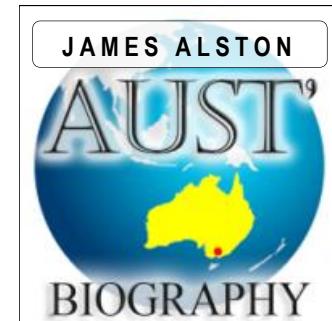
"ALSTON" WINDMILLS

FOR ALL WATER SUPPLIES



Fitted with Ball Bearings and Machine-cut Gears. All working parts enclosed and running in Oil Bath. Storm-proof and adjustable for speed. Heavy 4-post Steel Angle Towers.

JAMES ALSTON & SONS PTY. LTD.
QUEEN'S BRIDGE, SOUTH MELB., S.C.4.



A windmill is a wind powered pump used to transfer water from one location to another using the power of the wind to power a mechanical pump.



For reasons unknown, windpumps have generally been referred to as windmills in Australia since the beginning of settlement.

The Argus Newspaper (1848-1957)
mentions 'Windmill' 26,891 times
and 'Windpump' just three.

FIRST MENTIONED

Windmill - 1803

First mention of 'Windmill' in an Australian Newspaper was in the 'Sydney Gazette and New South Wales Advertiser', Sunday 1 May 1803.

'NOW ON SALE - At the house of J. Waldron - near the new windmill, on the rocks.'



Windpump - 1844

First mention of 'Windpump' in an Australian Newspaper was in the 'Mainland Mercury and Hunter River General Advertiser', Saturday 3 August 1844.

'The well at present is only five feet diameter, and the windpump empties it in thirty minutes.'



WINDMILL NEAR AN OLD FARM BUILDING



AN OLD WINDMILL AT THE SITE OF A BURNT HOUSE



A WINDMILL IN THE OFF POSITION



PUMPING FROM A LOCAL RIVER



SMALL WINDMILL



LARGE WINDMILLS CAN PUMP LARGER QUANTITIES OF WATER MORE QUICKLY



BLADES AND GEARBOX





Water is pumped from a local water source to the elevated water tank.

Having the tank higher than the outlet means gravity makes the water flow from the outlets with pressure.

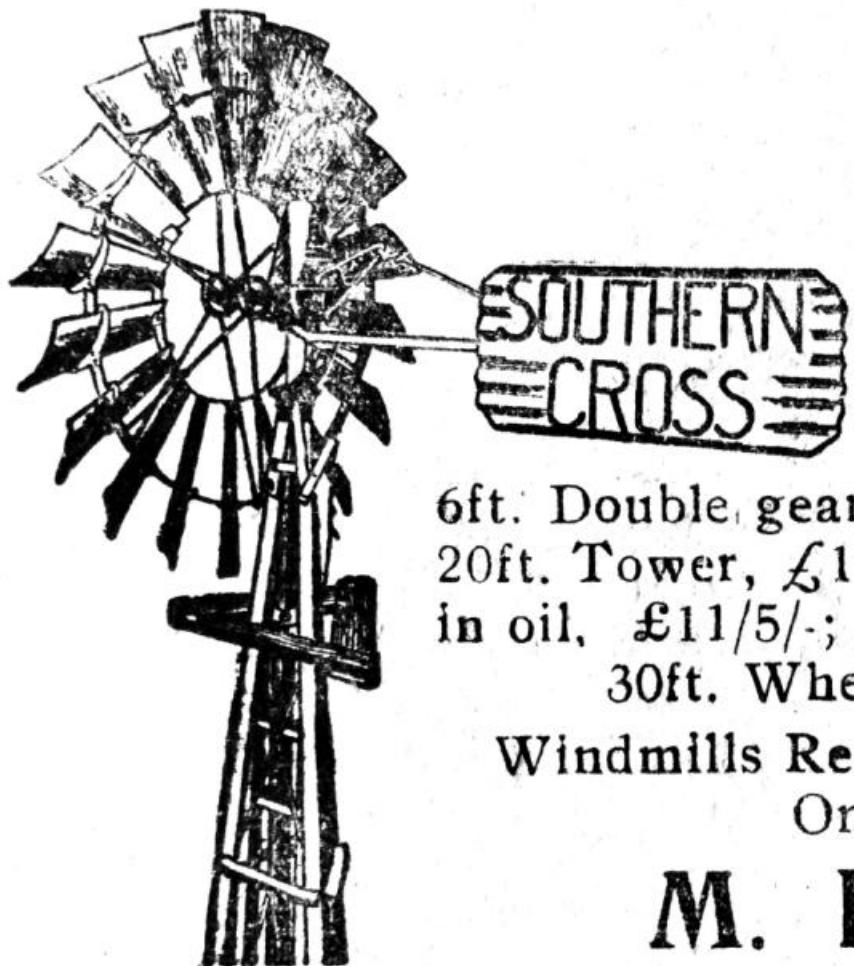
Without pressure, there would be no flow.

THREE WINDMILLS



WINDMILLS





WINDMILLS.

Prepare for the Summer
Months.

6ft. Double geared head running in oil, £8/12/6; with
20ft. Tower, £13. 8ft. Double-gearred, head running
in oil, £11/5/-; with 20ft. Tower, £16/15/-. Up to
30ft. Wheel at correspondingly low Prices.

Windmills Repaired and Erected. Tanks Built to
Order at Melbourne Prices.

M. KENWORTHY,
PLUMBER. NAGAMBIE. PHONE 79.

A WINDMILL NEAR THE TOP OF A HILL



A WINDMILL AND TANK



A WINDMILL AND TANK



A WINDMILL, DAM AND ELEVATED TANK



SMALL WINDMILL



TOOLANGI WINDMILL



AMONGST THE TREES



SOUTHERN CROSS WINDMILL



TWIN WINDMILLS AND TANK



WINDMILL



WINDMILLS



WINDMILL



WINDMILL



HOMESTEAD WITH A WINDMILL AND ELEVATED TANK



OLD WINDMILL RUINS ON A ROCK



OLD HOMESTEAD WITH A WINDMILL AND BROKEN TANK



COMET

Direct - Acting

WINDMILLS

Pump More Water With Less Wind.

UMPS, PIPING, TANKS, and TROUGHING

Rolt. C. A. McGINN

Phones 383 and 930. WOOD ST. P.O. Box 187

I S O L A T E D



RETIRED



GLENROWAN WINDMILL



SUNSET



GUNDAGAI, MCDONALDS



PUMPING WATER FROM A WATER CHANNEL



DILAPIDATED



GRETA WINDMILL AND TANK



GLENROWAN WINDMILL





Curved blades first introduced by James Alston capture the wind more effectively

Gearing and oil sumps facilitate the efficient transfer of mechanical energy



WINDMILLS BESIDE A WATER CHANNEL



WINDMILL (RIGHT) AND WOODEN TANK STAND



RUINS WITH A WINDMILL AND POSSIBLE WELL (RIGHT)



TAGGERTY WINDMILL



WANGARATTA WINDMILL



A LARGE WINDMILL ON THE EDGE OF MELBOURNE AT WONGA PARK



WORKINGS



WINDMILL



ALSTON'S Patent Double Crank Steel WINDMILL

1910 Pattern. Grease

Lubricated.

Beyond
Dispute
the



Most Perfect
Windmill Motion in Existence.

Gives a direct and central lift of the pump rod, and
an even wearing of the bearings.

FITTED WITH STEEL ROLLER AND BALL
BEARINGS.

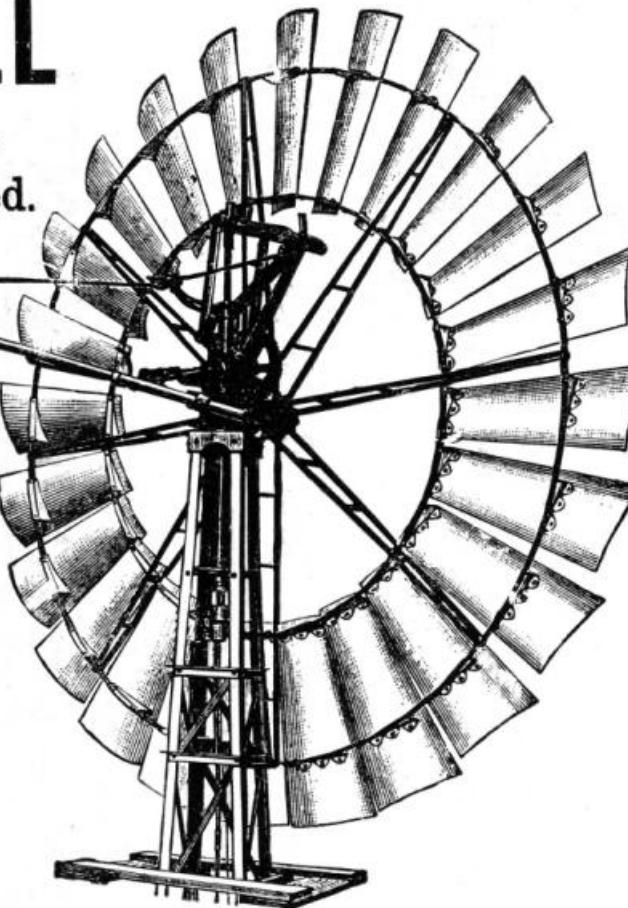
No Overhanging or Twisting Strains
COMMON TO ALL OTHER MAKES.

Do not buy a mill till you have inspected this
latest invention.

RUNS in the LIGHTEST WIND.
STANDS the STRONGEST STORM.

Cheapest and Strongest Mill ever offered.

Patented throughout Australia. Send for Catalogue.



DUTCH STYLE WINDMILLS CAN PUMP WATER AND MILL GRAIN



WIMMERA WINDMILL



DENILINUIN WINDMILL



WIMMERA WINDMILL



WINDMILL ON THE MURRAY RIVER AT MILDURA



BLINMAN WINDMILL



COPLEY WINDMILL



FLINDERS RANGES WINDMILL



DOOKIE WINDMILL



SHEPPARTON WINDMILLS



WIND TURBINES PRODUCE ELECTRICITY AND ARE SOMETIMES CALLED WINDMILLS



'epic'

*epic - (adjective) Surpassing the usual or ordinary
ePic - (noun) Illustrated by electronic pictures*



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