

A large windmill stands in the center of a desert landscape at sunset. In the foreground, there are solar panels mounted on a metal frame. A person is visible near the solar panels. The sky is a mix of blue, orange, and purple.

LORENTZ 

PUMP LONGER

PRODUCT GUIDE

Exclusively distributed by

REAQUA
SOLAR PUMPING



**AUSTRALIAN
OWNED & LOCALLY SUPPORTED**

We are the only Australian owned business in the field, with exclusive distribution rights for the German designed Lorentz solar pump range.

We respond rapidly to trends in the market and to our customer's needs, with our experienced nationwide dealer network providing expert knowledge & reliable local support.



**CLEAN ENERGY COUNCIL
(CEC) OF AUSTRALIA**

**ACCREDITED AND
ELIGIBLE FOR A REBATE**

The accredited Lorentz's PS2 range, gives farmers confidence our products have been stringently tested by the CEC in regards to safety and quality standards as well as being eligible for a rebate.



4 YEAR
EXTENDED
ON FARM
WARRANTY

4 YEAR
ON-FARM
WARRANTY



We're confident our Lorentz Solar Pumps are durable and reliable.



Our PS2 range comes with a four-year on-farm warranty, double the industry standard.

HIGHER EFFICIENCY

The Lorentz PS2 systems use a unique brushless and sensor-less DC motor for maximum efficiency resulting in significantly more water being pumped with the available power.



The Lorentz ECDRIVE and PS2 have an average daily efficiency of above 90%. Most of our competitors achieve 65% with clear blue skies.

SPECIALISED SOLAR PRODUCT RANGE



- The Lorentz product range is the **largest on the Australian market**, meaning there's a solution for everyone.
- With flow rates up to 499m³/h and head capacity of up to 450m, the Lorentz PS2 range is a fully integrated solar pumping solution to improve water security and sustainability.

PS2-150

SUBMERSIBLE SYSTEMS



PUMP SYSTEMS

PS2-150 HR

PS2-150 C

MAX. TOTAL DYNAMIC HEAD (TDH) [m]

60

20

MAX. FLOW RATE [m³/h]

1.4

6

TYPICAL APPLICATIONS

- Small windmill or diesel pump replacement
- Filling small tank near water source
e.g. 5000 gallon/22,500 litre for domestic or livestock
- Typical daily flow 5,000 to 10,000 litres



PS2-200 SUBMERSIBLE SYSTEMS

PUMP SYSTEMS

PS2-200 HR

PS2-200 C

MAX. TOTAL DYNAMIC HEAD (TDH) [m]

50

35

MAX. FLOW RATE [m³/h]

2.6

3.3

TYPICAL APPLICATIONS

- Small windmill or diesel pump replacement
- Filling small tank near water source
e.g. 5000 gallon/22,500 litre for domestic or livestock
- Typical daily flow 12,500 to 17,500 litres

PS2-600 SUBMERSIBLE SYSTEMS



“We find the Lorentz pump to be very efficient for a range of situations. The flow rate and its durability gives us confidence that our tanks remain full at all times, and our livestock are never without water.”

Gabriel Passmore – Gooloogong, NSW



PUMP SYSTEMS	PS2-600 HR	PS2-600 C
MAX. TOTAL DYNAMIC HEAD (TDH) [m]	180	50
MAX. FLOW RATE [m ³ /h]	2.6	11.5

TYPICAL APPLICATIONS

- Mid-size windmill or diesel pump replacement
- Filling medium size tank or multiple tanks
- Able to push water through pipelines and up hills
- Typical daily flow 15,000 to 25,000 litres

PS2-1800 SUBMERSIBLE SYSTEMS



“By going solar, I reckon I’m saving around \$15,000 a year which includes the saving on fuel and maintaining the old pumps.”

Robert Pearce – Broken Hill, NSW



PUMP SYSTEMS

PS2-1800 HR

PS2-1800 C

MAX. TOTAL DYNAMIC HEAD (TDH) [m]

250

100

MAX. FLOW RATE [m³/h]

3.9

53

TYPICAL APPLICATIONS

- Large diesel pump replacement
- Filling large tanks or multiple tanks
- Able to push water through extensive pipelines at high heads
- Typical daily flow 25,000 to 40,000 litres

PS2-4000 SUBMERSIBLE SYSTEMS

“My Lorentz system pumps exactly 1km with a 50m head to the top of the hill and it’s fantastic! Even on a cloudy day it pumps more water than I even realised.”

I’ll run it, until the pump wears out and then I’ll go to my dealer and get another Lorentz, they’re that good.”

Jason Griggs – Braidwood, NSW





PUMP SYSTEMS

PS2-4000 HR

PS2-4000 C

MAX. TOTAL DYNAMIC HEAD (TDH) [m]

450

220

MAX. FLOW RATE [m³/h]

5.9

78

TYPICAL APPLICATIONS

- Large diesel pump replacement with high head capability
- Filling large tanks or multiple tanks
- Able to push water through extensive pipelines at high heads
- Typical daily flow 40,000 to 75,000 litres

PSK2 SYSTEMS



PSK2 CENTRIFUGAL PUMP SYSTEMS

PUMP SYSTEMS	PSK2-7	PSK2-9	PSK2-15	PSK2-21	PSK2-25	PSK2-40
MAX. TOTAL DYNAMIC HEAD (TDH) [m]	160	180	140	280	200	200
MAX. FLOW RATE [m ³ /h]	128	39	235	218	228	241

PSK2 SURFACE PUMP SYSTEMS

PUMP SYSTEMS	PSK2-7	PSK2-9	PSK2-15	PSK2-21	PSK2-25	PSK2-40
MAX. TOTAL DYNAMIC HEAD (TDH) [m]	90	80	80	80	40	90
MAX. FLOW RATE [m ³ /h]	114	120	279	306	457	499

TYPICAL APPLICATIONS

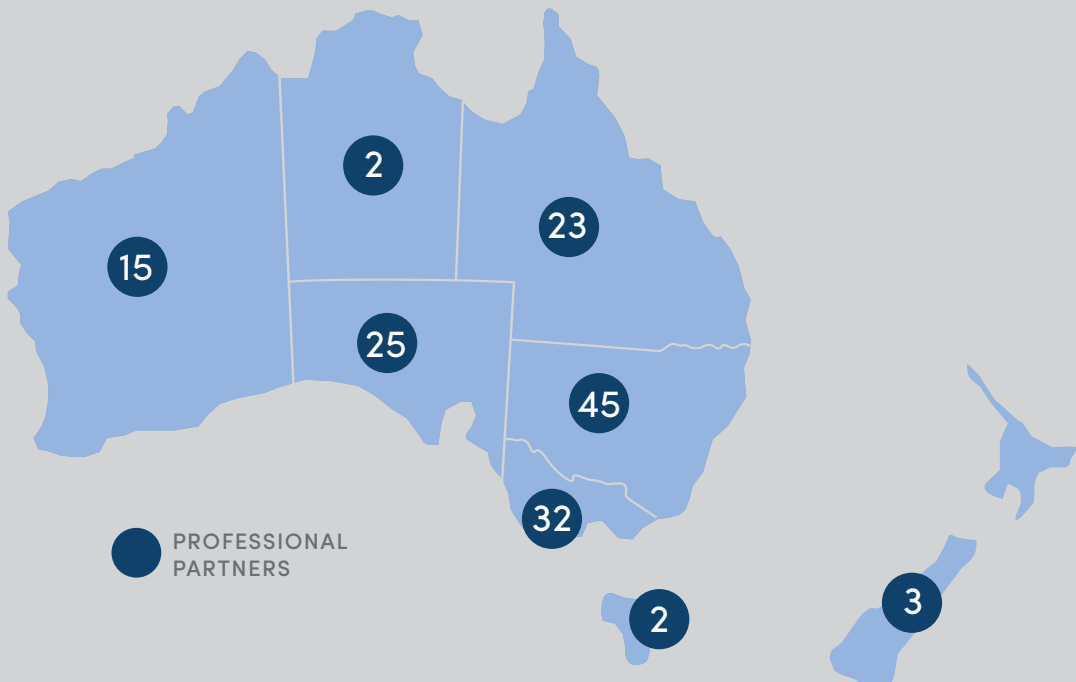
- Large diesel pump replacement with high head and flow capability
- Capable of delivering water for major livestock or irrigation applications
- Able to push water through extensive pipelines at high heads
- Typical daily flow of up to 2 mega litres



PS2 CONTROLLER

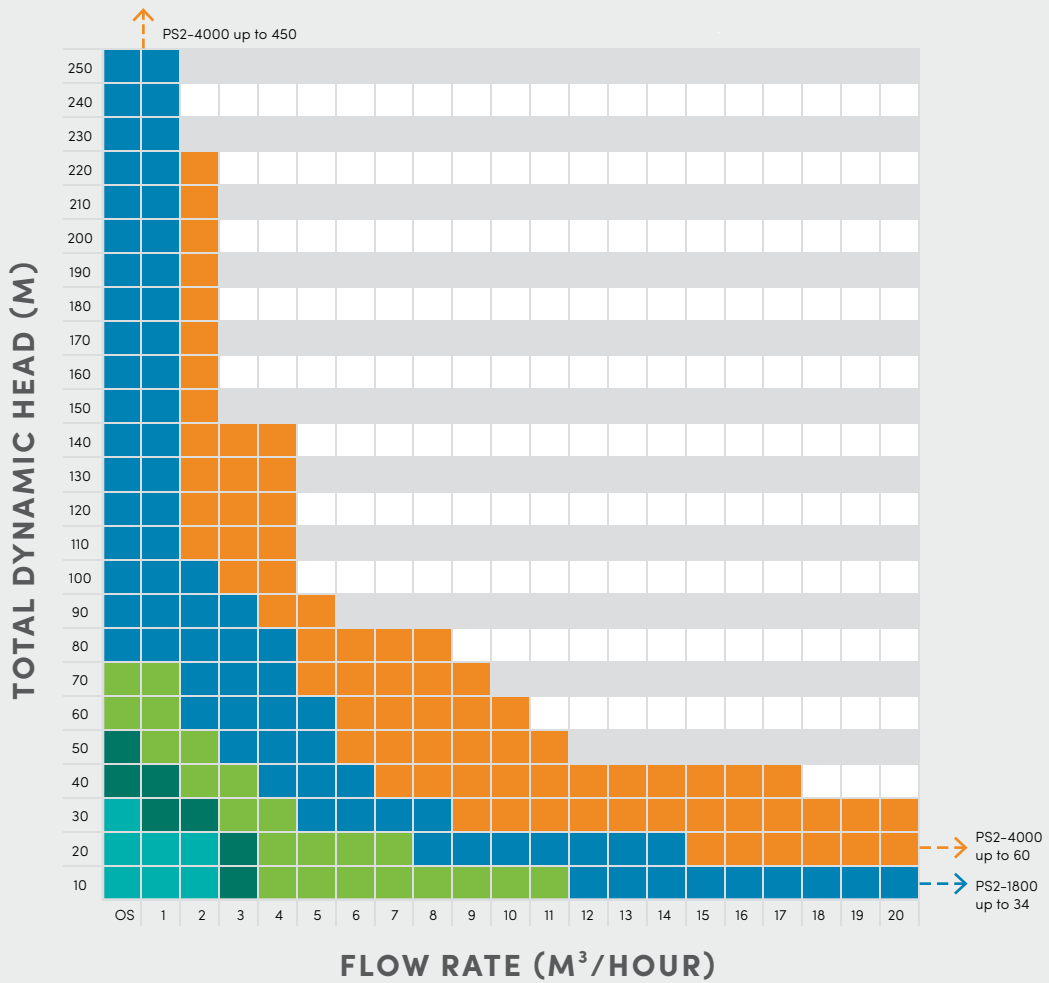


LORENTZ PUMP RANGE



FIND YOUR CLOSEST DEALER

QUICK REFERENCE GUIDE



■ PS2-150
 ■ PS2-200
 ■ PS2-600
 ■ PS2-1800
 ■ PS2-4000

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