WindTrans Systems Ltd has extensively tested Zelda with the help of McMaster University and Conestoga College. A number of projects analysing flow, testing longevity, efficiencies and other tests have enabled us to produce a pump like no other pump on the market today.

Running Zelda at a low rpm we can deliver high volume output along with being able to produce a complete vacuum allowing a self-priming and lifting capability like no other pump/turbine.

**Self-Priming & Lift:**
+96% Volume / +78% Mechanical Efficiency

Able to self-prime and lift a full atmosphere (+27') in under 8 seconds after deployment.

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**Custom Drive & Generator Setups**

- 6 Horse Power Gas Engine
- 220 RPM Max
- 0 to 330 Gallons Per Minute
- Pulley/Belt Drive Line
- 29 foot lift maximum

6 Horsepower Motor

- 9.5 Horse Power Gas Engine
- 220 RPM Max
- 0 to 330 Gallons Per Minute
- Pulley/Belt Drive Line
- Lift one atmosphere (+/- 27 feet)

9 Horsepower Motor

- 9.1 Horse Power Diesel Engine
- 220 RPM Max
- 0-330 Gallons Per Minute
- Pulley/Belt Drive Line
- Lift one atmosphere (+/- 27 feet)

**Diesel Motor**

- Hydraulic Motor – 2.5 GPM Flow / 3000 psi
- +3 Gallon Hydraulic Reservoir
- Option with / without
- 7 Horse Power Engine drive
- Lift one atmosphere (+/- 27 feet)

**Hydraulic Drive**

All systems provide forward and reverse drivability.

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**Manual Pumping**

Quick and easy use without electrical grid tie. Available to lift 14' by manual hand crank.

**Alternative Drive Systems**

WindTrans Systems Ltd.
92 Railway Street,
P.O Box 688,
Seaforth, ON Canada
N0K 1W0

Phone: 1(519)527-2475  Fax: 1(519)527-2560

www.windtrans.ca
Hydraulic Drive System
(Irrigation or Power Generated)

Zelda HVLS Pumps

- 100 gal/min by hand
- 300 gal/min at 200 RPM
- Lifts 14’ by hand
- Can be operated in forward or reverse to flush a plugged intake
- Emergency flood control

Sales Reps & Dealers Wanted

Bicycle Driven

The Only HVLS Pump

Mobile pumping systems for quick and easy access for confined spaces.

WindTrans
SYSTEMS LTD.

Power Generation
* Remote Pumping
Drive Systems

Power / No Power
No Problem

Microhydro / Hydraulic Drive