



# **Pumps Water and Cleans Silted** **Bores and Wells** ***Easily and Gently***

**BRUMBY PUMPS**

*Unique DIY Solution  
for Cleaning Out and  
Restoring Silted  
Bores and Wells*

***Rural***

***Domestic***

***Mining***

WHEN you need a solution to:

- **Corrosion**
- **Running a Pump Dry**
- **Solid Particles in the Water**
- **The Pump Site is a Long Way from a Power Source**
- **Weight, Ease of Installation and Operation**
- **You want a Proven, Long Lasting Solution**
- **You want to Do It Yourself**

**MADE IN  
AUSTRALIA**



**The Brumby Submersible Pump is operated by Low Pressure Compressed Air and is suitable for a wide Range of Applications.**

Can operate on Electric, Fuel, Solar, Wind and any other way to compress Air.

**Brumby Pumps are simple, cost effective, versatile, tough and light**

**The BRUMBY Cannot Seize, Corrode or Burn out.**

**The BRUMBY does not suffer damage from pumping Sand or Grit.**

**No Water? – No Problem. Running dry won't hurt the BRUMBY PUMP.**

[www.brumbypumps.com](http://www.brumbypumps.com)

**The BRUMBY PUMP is suited to a range of depths, heights and volumes to be pumped.**

- **MORE WATER REQUIRED** - just increase the air flow or submerge the pump deeper into the water. Deeper submersion or more air = more water delivered. Submersion limit is the pressure capability of your compressor. 55m (185ft) submersion in water = 110psi pressure to lift.

## **Brumby Pumps**

may be used if water depth (Pump Submersion) is OVER 1/3 of total vertical lift height (pump inlet to delivery outlet). The pumps will operate straight off a small compressor.

The BRUMBY self regulates for slow producing wells/bores. They will not run dry

**The BRUMBY PUMP** is a robust, light, air-operated submersible pump, which is simple to install and operate.

It was designed for lifting sandy, gritty and mineralised water from almost any source. It can also pump many other liquids due to its corrosion resistant materials.

The BRUMBY pump is ideal where there is no electric power available at the pumping site.



You can locate the air compressor at your power source, be it grid power, windmill, solar, or petrol /diesel power.

Air can be piped for hundreds of meters if necessary to provide reliable pumping at remote locations.

This is Much Cheaper than running expensive power cables.

With a BRUMBY pump potential maintenance issues are above ground allowing easy access - not down hole.

The BRUMBY PUMP is built from a number of specially selected, high quality plastics, making it tough, and very long lasting.

The air compressor can usually be a regular off-the-shelf model, except for high lifts of over 500ft (160m) vertical, where higher pressures may be required. We recommend a low speed compressor for continuous use for long service life.



Inexpensive poly or PEX piping is usually suitable to supply the air to operate the pump and to pipe the water to your tank or end destination.

### **Standard Pump Piping Connections:**

**XS1 pump** (Most popular, versatile and cost effective model)

19mm (3/4 inch) air inlet to pump (can be changed)  
Water outlet is 40mm (1 1/2 inch) female

**XS1c pump** (Deep Water) –

12 or 19mm (1/2 or 3/4 inch) air inlet to pump (can be changed)      Water outlet is 40mm (1 1/2 inch)

**S1-75 pump** –

12mm (1/2 inch) air inlet to pump (can be changed)  
Water outlet is 25mm (1 inch) female

### **Recommended Piping:**

- Water delivery pipe: 25mm (1 inch) to 40mm (1 1/2 inch) depending on delivery rate and compressor size. Poly (HDPE) or PEX makes for easy installation.
- Air line: 12 - 19mm (1/2 - 3/4 inch) ID. Slip on and secure with a hose clamp. Poly or PEX piping of adequate pressure rating are most commonly used.



**NOTE** : System performance varies with submersion depth in water (fluid), lift, distance and air flow.

**BRUMBY Pump Sales and Distribution**  
**ABN 44 905 255 887**

**853 Coondle West Rd  
(PO Box 247)  
Toodyay 6566  
Western Australia**

**Phone: 08 9574 4525 (Within Australia)  
618 9574 4525 (International)**

**Email: [info@brumbypumps.com](mailto:info@brumbypumps.com)**

**Web: [www.brumbypumps.com](http://www.brumbypumps.com)**

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