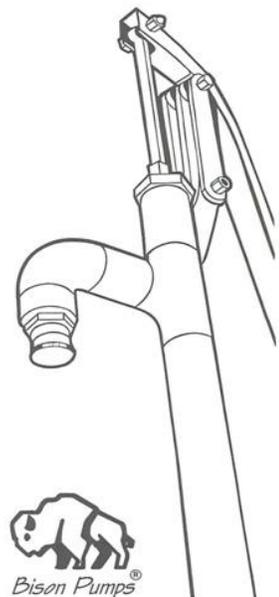


# Bison Pumps

*The power of water in your hands.*



No power does not mean no water.  
Get a Bison Pump today!

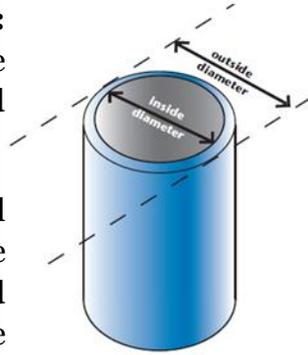


[www.bisonpumps.com](http://www.bisonpumps.com)

## How to Order Your Bison Pump

Our helpful customer service department will ensure you get all the necessary parts for your well's specific requirements. After turning off the power to your well, remove the well cap and take these four simple measurements:

1. **Well casing height:** measure the well casing from ground level to the top of the casing to ensure that your Bison Pump is high enough to use it easily.
2. **Outside diameter of well casing:** place the tab end of the tape on the outside of the well casing and measure the widest part.
3. **Inside diameter of the well casing:** place the tab end of the tape on the inside of the well casing and measure the widest part on the inside.
4. **Static water level:** this is the distance from ground level to the top level of water in your well. Before you take this measurement, make sure your pump hasn't pumped any water for 30 minutes for the most accurate measurement. To obtain the static water measurement, drop a weighted string down into the casing until you see or hear it hit the water. Mark the string, remove it and measure the string to your mark. This is the static water level of your well.



## Place Your Order

Call 1-800-339-2601 to give the Bison Pumps customer service representative your well measurements and we'll take care of ensuring you have all the parts.

We have pumps available for immediate shipping anywhere in the world.

### Common Pump Myths

**MYTH:** Hand Pumps need to be primed.

**FACT:** All Bison Pumps are self-priming and do not require routine maintenance, such as replacing leathers.

**MYTH:** A hand pump cannot be used in climates where freezing is an issue.

**FACT:** Drill a 1/8" weep hole in the last section of pipe 6 to 7 feet below the well adaptor.

**MYTH:** A hand pump cannot be used to pressurize a tank or to pump uphill.

**FACT:** Our pump is a pressure pump; a check valve is available for ease of use.

## Company History

Bison Pumps was founded in 1999 in Houlton, Maine. Bison Pumps® are designed to reflect the quality and durability of Maine craftsmanship and more importantly to work under the most difficult conditions. From the start, Bison Pumps has manufactured and sold pumps for many unique uses in rural areas as well as third world countries where electricity is not available.

Bison Pumps® have been featured on television news broadcasts and feature programs including Made in Maine which is produced by Maine Public Broadcasting. Visit our website to watch our videos.

For more information about Bison Pumps, please visit our website at [www.bisonpumps.com](http://www.bisonpumps.com). For a free consultation, please call our customer service department at 1-800-339-2601 between 8:00 a.m. and 4:30 p.m. EST.

## Contact Information

### Bison Pumps

98 Bangor Street, PO Box 977

Houlton, ME 04730

**MYTH:** A hand pump cannot be used with a submersible or a jet pump.

**FACT:** The Bison Deep Well Hand Pump is mounted offset to slide past the existing piping in the well. Wires of pipes that exit from the top can be accommodated by a customized well adaptor. In shallow well applications, the water flows harmlessly through the submersible pump and its piping when the hand pump is in use.

# The Benefits of a Bison

## Water Well Done!



### EASY INSTALLATION

You and a helper can install the Bison Pump in just a few hours. Bison provides all the components required to install the Bison Pump including an easy-to-follow instruction manual. Video instructions are available on the Bison Website.

- **Custom fabrication.** Bison Pumps can custom design and manufacture a pump to fit most applications.
- **Attaches easily to a garden hose.** Each spout is threaded to accept a standard garden hose. In an emergency, it is possible to pump using a Bison check valve to your holding tank to flush toilets and run water.
- **Protects your water.** Bison Pumps' well head seal truly protects your well from surface contamination.
- **The best investment for your water.** When it comes to safeguarding access to your water, a Bison Pump is a smart investment which will last a lifetime.

- **Solid construction:** Bison Pumps are precision manufactured using the finest 304 stainless steel which resists rust and corrosion and can operate in the harshest climates and conditions. Their sleek, functional design makes a Bison Pump an attractive addition to any setting—indoors or out.
- **Powerful, effortless pump action:** Our residential pumps deliver up to 22 ounces of well water per stroke or 4 1/2 gallons per minute depending on the model and cylinder size. The Bison Commercial Pump yields approximately 12 gallons per minute.
- **Complete installation kit:** We prepare the complete pump set up to your measurements with no additional parts necessary.
- **Works in shallow and deep wells:** Bison Pumps will work in most drilled or dug wells. They can lift water from a static water level as deep as 200 feet. Based on your well's configuration, we can specify the best option among our diverse line of hand pumps.
- **Electric pump compatibility.** Bison Pumps are designed to work independently in the same well casing as your electric pump with no special conversation kits necessary.

Hand Pump Applications	Shallow Well Hand Pump	Shallow Well Transfer Pump	Deep Well Hand Pump	Deep Well Inline Hand Pump	Commercial Deep Well Hand Pump
Interior	X	X			
Exterior	Non-Freezing	X	X	X	X
Agricultural		X			X
Commercial		X			X
Static Water Level Less Than 25 Feet	X	X	X	X	X
Static Water Level Greater Than 25 Feet			X	X	X
Freezing Temperatures		Portable	X		X

**All Bison Pumps are self-priming and require no routine maintenance.**

# There's a Bison Pump for Every Situation!



## Deep Well Hand Pump



- Can be installed in most size casings alongside electric submersible pumps
- Also available as a flange pump or well point
  - *For 4" casings with an electric submersible, see Inline Deep Well Hand Pump*
- Non-freezing climate unless used with a heated housing



## One or Two Piece Shallow Well Hand Pump



- Standardized "pump in a box" with no extra pipes or pieces
- For use with wells with a static water level less than 25 vertical feet
- Easily drained for intermittent seasonal use
- Features 3-point multi-position handle for optimal positioning

## Commercial Deep Well Hand Pump

- Ideal for large volume needs in an agricultural, recreational or communal living
- Hand pump only unless customized
- Yields 12 gallons per minute at an effortless pumping rate



## Other Products Available

- Bison "Big Boy" Pump
- Bison Faucet Pump
- Bison Beverage Pump
- Bison Bean Pot

## Optional Finishes

- Standard Bison Pumps are polished stainless steel
- Optional finishes include powder-coating or water transfer print in designs such as camouflage, wood grains, abstracts and more
- Please allow extra processing time

## Portable Transfer Pump

- Temporary pump designed to move water from one location to another
- Ideal for rainwater collection, cisterns, ponds, rain barrels or smaller spray tanks with pesticides/liquid fertilizer
- Portable for remote range locations to fill livestock water tanks
- Ratchet-style handle activates horizontal pump cylinder