

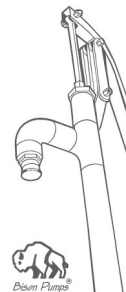
BISON PUMPS®

It's Time to Play the Natural Way—Bison Pumps



The Power of Water Is In Your Hands

- Quality construction by skilled craftsman
- Superior performance for a lifetime investment
- Customizable for your application



Welcome to Bison Pumps®

Since 1999, Bison Pumps has been providing customers with durable and affordable hand water pumps. Bison Pumps are designed and manufactured to provide years of dependable, uninterrupted access to water.

Typically, our pumps have been called functional and elegant; now they are referred to as educational, fun, and an environmental resource.

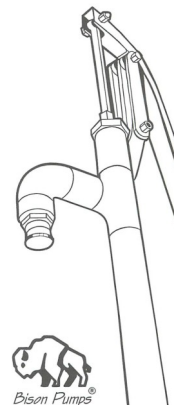
When you purchase a Bison Pump for your next playground, recreational park or learning center, consider a Bison Pump. You are guaranteed a great teaching tool, loads of fun, and a lifetime of satisfying performance for people (and dogs) of all ages.

Bison Pumps - *Water Well Done!*

BISON PUMPS®

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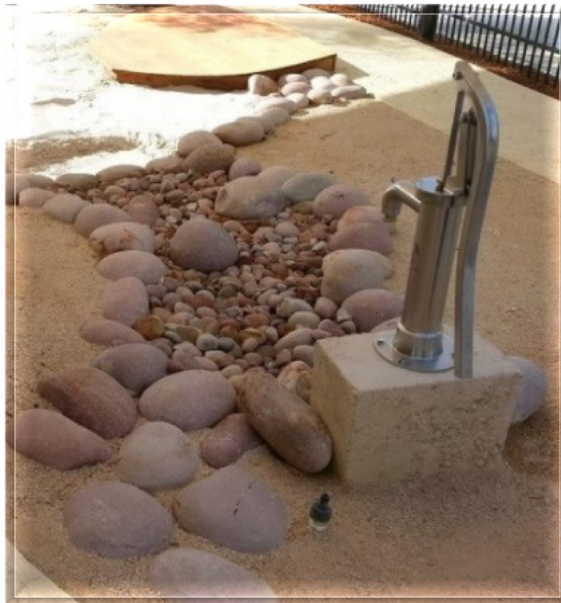


Picture on Cover: Credit to JMMDS @ jmmds.com



Educational and Environmental Resource

The Bison Pump is making a big splash in Australia. This installation by Nature's Playground features the Bison Shallow Well Hand Pump.



When asked about this particular installation, this was the reply: "We used two shallow underground reservoirs connected together. One under the pump and the other at the end of the creek bed. Their purpose is to recycle the water. We hard piped float valves to a main's water supply to ensure the reservoirs never run out of water. We set the level and the floats maintain the water height."

The creek bed was built using local river stones and concreted into position to form a hard water run. This client now has one of these in each of his 5 day care centers.

تبريد الأطفال





Houston Sabine Water Pump Station
Houston Arts Alliance

“The sixty-foot tall structure of 12- 8- and 4-inch steel pipes with amber and blue beacons on top stands inside the restricted grounds of the Sabine Water Pump Station. It is a much bigger, slightly more elaborate version of other pipe structures located on the Pump Station grounds. One pipe, like the branch of a large tree, leaves the Pump Station property, passes over the Pump Station fence and ends with a showerhead twenty-five feet overhead in Buffalo Bayou Park.

On the ground below the showerhead is an eight-foot diameter stainless steel drain cover and a contemporary version of an old-fashioned manual well pump. As one pushes down on the pump handle water rains down from the shower head twenty-five feet above. Simultaneously, and as a result of pumping water through the pipes, orange and blue twin beacons on top of the structure flash, signaling people as far away as downtown that another person has doused themselves with a refreshing, albeit brief, shower.”

Commissioned by the the Houston Arts Alliance for the City of Houston Sabine Water Pump Station. Project Management and Digital Fabrication: Metalab, Houston, TX

بعض الفوائد





Julie Moir Messervy Design Studio
Heritage Museums and Gardens—“Hidden Hollow”

“Kids love tree stumps..., stepping-stones, and old-fashioned water hand-pumps. It’s important not to keep the garden *too perfectly manicured, and it’s just not essential to spend a lot of money.*”

- JMMDS Blog

We always knew hand pumps and kids go together like peanut butter and jelly. Our customers love to send us pictures of their kids with their new Bison Pump. They include stories of how they remember pumping one as a child. A hand pump is a timeless treasure which can be used for its intended purpose of providing life giving water, but may also be incorporated in any setting to teach and provide hours of fun and imagination.



Photo (bottom): Credit to Julie Moir Messervy Design Studio @ jmmds.com
Photo (above): Credit to heritagemuseumandgardens.org



Bison Pumps® Playground Pump Kit

PRODUCT DESCRIPTION

The Bison Playground Pump Kit is designed for playgrounds and educational learning centers. The Bison shallow well hand pump is mounted on a storage tank which is connected to a pressurized water line.



MODELS

Standard: one-piece shallow well hand pump with 10" diameter tank

Utility: utility shallow well hand pump with 8" diameter tank

PRODUCT COMPOSITION

Hand pump and tank is 304 stainless steel
Internal parts are non-corrosive materials; neoprene and buna rubbers, acetal plastic, bronze, and nylon

PHYSICAL CHARACTERISTICS

Standard tank: 5.25 gallon capacity

Ht = 30" Wt = 65 lbs Tank Diameter = 10"

Utility tank: 3.4 gallon capacity

Ht = 30" Wt = 48 lbs Tank Diameter = 8"

See spec sheets on hand pumps on page 9

PRODUCT FEATURES

- Hand polished, stainless steel finish
- Port holes for water shutoff and drain plug
- Float valve to refill tank
- Bolted blank cover for winterization
- Customization available upon request



One-Piece and Utility Hand Pump



ONE-PIECE PUMP

PHYSICAL CHARACTERISTICS

Ht = 24" Wt = 25 lbs
Body Diameter = 2 3/4"
Inlet connection: 2" FNPT
Spout connection: 3/4" hose bibb
Handle: 24"



UTILITY PUMP

PHYSICAL CHARACTERISTICS

Ht = 22" Wt = 22 lbs
Body Diameter = 2"
Inlet connection: 1 1/4" FNPT
Spout connection: 1/2" FNPT
Handle: 24"

PRODUCT DESCRIPTION

The Bison Shallow Well One-Piece and Utility Hand Pump are suction lift pumps for static water levels less than 25 vertical feet and up to 300 +/- horizontal feet.

PRODUCT COMPOSITION

Hand pump is 304 stainless steel. Internal parts are non-corrosive materials; neoprene and buna rubbers, acetal plastic, bronze, and nylon

PRODUCT FEATURES

- Hand polished, stainless steel finish
- Self-priming and no routine maintenance
- Child-proof to eliminate pinch points and rounded pail hook
- 3-position handle
- Customization available upon request



Bison Pumps® Dog Park



Mr. Harbison,

It is hard to believe that it has been 5 years this summer since we installed your wonderful Bison Pumps. I was sending information about your pumps to some parks folks in Florida and just wanted to thank you for building a better mouse trap (pumps). We have only done preventive maintenance on the pumps and have had no problems with them.

I sent your Web Site to my Florida folks and was surprised not to see your custom pumps (dog bone handle) not shown. Parks & Recreation folks would enjoy seeing what you have done for us.

Wayne
Facilities Specialist
Kent County Levy Court
Division of Parks & Recreation
Dover, Delaware



Water Education in Singapore

This hand pump is a custom shallow well hand pump designed for this application in Singapore. It was designed to be 35" tall for a comfortable pumping height. The purpose is demonstrate the power of water. The water is drawn from a canal below the street. As you pump the hand pump, the water, which is piped from the spout, powers the water wheel.





A Choice of Finishes

People love our hand-polished stainless steel hand pumps. But for those who crave a little color or desire to make a statement, we offer epoxy-coating and water transfer printing.



Come to www.bisonpumps.com for:

- Instructional videos
- Product information
- Installation guides
- Blogs and helpful links
- Testimonials and pictures
- Newsletter sign-up

