

QUALITY ASSURANCE

Mighty Pumps has an ISO 9001:2015 certified Quality System in place to ensure our materials, assembly process and final products meet the high standards of our Customers. All components and final products are subject to thorough inspection and testing. All of our pumps come standard with a 2 year, 2,000 hour warranty.

We say what we are going to do
We do what we said we would do
We check to ensure that we did it



APPLICATIONS

Tailings Reclamation: Clean contaminated areas, process or dry stack.

Underwater Mining: Remove sand, gravel, precious metals, coal, phosphates, wastewater and various other minerals

Lake Dredging: Remove deposits and overgrown vegetation from lakes and ponds that have progressively become shallower.

Port & Harbor Dredging: Keep ports open year round by dredging approach channels autonomously

Reservoir Dredging: Remove silt and other debris that clog reservoirs

Beach Restoration and Land Reclamation: Create new land from ocean, riverbeds, or lake beds.

SAFETY

The new Mighty Dredge is a technology that removes the need for personnel in the water or anywhere near it. The machine works autonomously 24/7, eliminating human errors (if the machine does run into a problem, it will stop and let you know). Our firm is certified by the CanQual Network, ISNetwork and PICS, and has a Certificate Of Recognition from the Government of Alberta.



CONTACT

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WEB: www.mightydredge.com

CANADA PUMP AND POWER (CPP) LOCATIONS:

Ardrossan, AB, 780-922-1178
Redwater, AB, 780-942-4827
Fort McMurray, AB, 780-531-5120

MIGHTY PUMPS DISTRIBUTOR LOCATIONS:

Vancouver, BC, 604-523-6608
Winnipeg, MB, 204-801-1033
Calgary, AB, 403-717-9644

PARTNER LOCATIONS:

Pacific Pump and Power (PPP); Kapolei, Hawaii, USA, 808-672-8198
Brasil Pump and Power (BPP); Belo Horizonte, Brasil, 52-13318-495582

MIGHTY DREDGES



THE INTERNATIONALLY PATENTED AND
ACCLAIMED MIGHTY DREDGE IS THE
WORLD'S FIRST FULLY AUTONOMOUS
DREDGE



MIGHTY DREDGES™

MIGHTY DREDGE

Canada Pump and Power developed the Mighty Dredge after years of experience in the dredging industry. The Mighty Dredge is the world's first automatic dredge directly controlled by a computer. It controls the speed of the dredge to optimize the feed rate and maximize production automatically. It continuously maps the bottom, and reports progress in real time to the internet, which can be monitored from anywhere. The Mighty Dredge has a relatively compact and modular design, making assembly, disassembly and shipping fast, easy and cost effective.

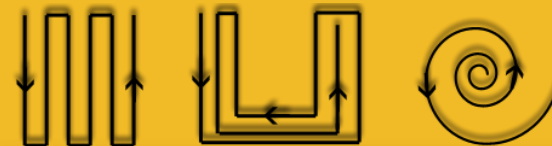


FEATURES

- **Autonomous:** Moves along any path that it has been instructed to follow, identifies obstructions, maps them, and avoids them in the future.
- **Safe:** Capable of handling and maintaining continuous operation in environments that are hazardous for human operation.
- **Remote Capability:** Can be controlled and monitored remotely. There are no people required to operate the Mighty Dredge.
- **Efficient:** It can work 24/7 for weeks at a time without taking a break and does not require on site personnel.
- **Modular:** Each component is built to easily integrate with all other Mighty Dredge components.
- **Easy assembly:** System assembly, disassembly and shipping are easy and cost effective.
- **Scalable:** Works with multiple sizes of pumps and cutter heads.

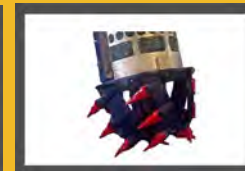
DREDGE PATTERNS

- Depending on the dimensions of the pond, several different dredge patterns are available to best suit the application



DREDGE HEADS

- Mighty Dredges are available with Agitators, High Pressure Water Jetting Rings, and rotating cutter heads.



4" MIGHTY DREDGE PERFORMANCE

396 GPM (90 M³/HR) AGAINST 65 FT
(20 M) HEAD

UP TO 23 YDS³/HR (18 M³/HR) OF
PRODUCITON AT 20% SOLIDS BY
VOLUME.

RESULTS MAY VARY

8" MIGHTY DREDGE PERFORMANCE

2069 GPM (470 M³/HR) AGAINST
72 FT (22 M) HEAD

UP TO 122 YDS³/HR (94 M³/HR) OF
PRODUCITON AT 20% SOLIDS BY
VOLUME.

RESULTS MAY VARY

12" MIGHTY DREDGE PERFORMANCE

3170 GPM (720 M³/HR) AGAINST
72 FT (22 M) HEAD

UP TO 188 YDS³/HR (144 M³/HR) OF
PRODUCITON AT 20% SOLIDS BY
VOLUME.

RESULTS MAY VARY