LAKE DREDGING

Lake dredging is increasing in demand around the globe as cities restore inland lakes for tourism and developers build high end real estate on every square foot of shoreline possible. The construction process itself can silt up a lake shoreline if proper erosion control safeguards are not put into place. Without routine maintenance dredging lake properties decline significantly as access to docks diminishes and once clear water becomes murky and lacks any sort of visibility. As silt and nutrients overtake a lake the end result can be massive vegetation and algae build up eventually leading to a state of eutrophication and death of the local fish population due to hypoxia or lack of oxygen. Dredging can prevent eutrophication and can also reverse the process in most cases.

IMS Versi-Dredges have been used and are currently in use in lakes around the globe to increase property value, restore public lakes for tourism, and to clean contaminated lakes for future generations to enjoy.

The IMS Versi-Dredge’s patented Starwheel Drive self-propulsion system allows the Versi-Dredge to move easily in coves and along shorelines to without the use of anchor cables or swing wires which can damage boat hulls and docks. The Versi-Dredge can be used to clean out shallow areas like coves and if necessary the Depth Master can be used for cleaning deeper lake areas like dams.

Case Studies

- IMS 7012 HP Versi-Dredge Restores Norwegian Nature Reserve
- New IMS 7012 HP Versi-Dredge for Lake Lotawana
- Machado Lake Dredging (VIDEO)
- IMS Aquatic Weed Harvester Destroying Totora In Laguna de Colta, Ecuador
• Canada: Associated Engineering Honoured for Burnaby Lake Project

• IMS Dredge’s Client HAZCO Congratulates City of Burnaby for Coveted Environmental Award

• Outstanding Achievement Award – La Crosse Municipal Airport

• Marshall lake gets fall makeover

• Dredging Lakes & Ponds

• Burnaby Lake Pilot Dredging Project Proves Feasibility of Lake Dredging

Photos

USA: A contractor uses a Model 5012 HP Versi-Dredge to clean out a lake at an exclusive lake community in New Jersey.

Ecuador: A Model 5012 LP Versi-Dredge removes silt, floating vegetation and rooted vegetation at a high altitude lake in Ecuador.
Canada: A Model 5012 LP Versi-Dredge cleans out a lake in Canada.

Canada: Two IMS Model 5012 LP Versi-Dredge units clean out Burnaby Lake in Canada. The project won multiple environmental awards.

USA: A Model 5012 HP Versi-Dredge deepens Beaver Lake in Nebraska. The association purchased their own dredge system for annual maintenance of the various coves that are home to high end real estate.

USA: A Model 5012 HP Versi-Dredge dredges bentonite clay from a pond in North Dakota.
Indonesia: A Model 5012 HP Versi-Dredge deepens Gorontalo Lake in Indonesia.

USA: A Model 5012 HP and Model 7012 HP Versi-Dredge deepen a lake in Michigan.

Norway: A Model 7012 HP Versi-Dredge works on a bird habitat restoration project in Norway.

USA: A Model 7012 HP Versi-Dredge cleans out Buffalo Cove at Lake Lotawana in Kansas City. This is the lake's second IMS Versi-Dredge.
Videos

- USA Lake Dredging: https://www.youtube.com/watch?v=9rtXZqxN680
- USA Lake Dredging: https://www.youtube.com/watch?v=5KTnf3ABvDk
- Canada Lake Dredging: https://www.youtube.com/watch?v=sVanTb2vvFg
- Mexico Lake Dredging: https://www.youtube.com/watch?v=b_Cf5rbOhlA
- Ecuador Lake Dredging: https://www.youtube.com/watch?v=k5DDEHwWsOM
- USA Lake Dredging: https://www.youtube.com/watch?v=HfyMUG_KOeA