RIVER DREDGING

Around the world the need for river dredging is increasing annually. The Versi-Dredge has been utilized for various river dredging activities around the globe including: flood mitigation, sand mining, navigation channel deepening, and environmental dredging.

Communities that surround the natural flow of a river are susceptible to annual flooding during the rainy season. If the river is not properly maintained then silt, sand and debris can accumulate and form a bottle neck. If a major rain event occurs then the bottleneck will restrict flow and the river will rise above its banks and flood local businesses and dwellings causing millions of dollars in property damage and possible loss of life. The Versi-Dredge’s one truck transportable design allows municipal governments and contractors do quickly deploy the dredge to a trouble spot and open it up to maintain proper depth and hydraulic flow. The dredge can then easily be removed by a single crane and stored off site until it is needed again.

In the case of environmental dredging, the Versi-Dredge can be outfitted with a customized pump that can cut and pump cans, bottles, plastic bags, ropes, rice sacks, etc. without clogging constantly like normal hydraulic dredges do. This allows operators to remove silt and mud from rivers where dense populations have used the river as a trash can. In the case of industrial pollution clean-up, the Versi-Dredge can be put into cable drive mode and a GPS system and environmental cutterhead can perform surgical dredging in a precision grid format to remove layers of contaminated materials and pump them to a water treatment plant on shore.

The Versi-Dredge can also be deployed in rivers for mining sand for infrastructure development projects. It can also be utilized to mine gold, diamonds and other precious stones if required.
Case Studies

- Philippines Mayor Invests in Versi-Dredge to Save Lives and Money
- Israel Begins Sediment Dredging In One Of Its Most Notorious Waterways
- Brunei Gears up For Monsoon Season
- Israeli Environmental Protection Minister Launches IMS Versi-Dredge to Restore Kishon River
- Versi-Dredge® Prevents Flooding in Philippines
- IMS 7012 HP Exceeds Expectations Dredging Sand in Liberia
- Mayor of Olongapo City, Philippines Gives Thumbs up for IMS 5012 HP Versi-Dredge®
- IMS Dredges Assist Iraq Ministry of Water Resources and Iraqi Navy with Reconstruction Efforts
Brunei: A Model 5012 HP Versi-Dredge deepens a river in Brunei for the Ministry of Public Works for flood prevention.

Colombia: Two IMS Model 5012 LP Versi-Dredge units clean out a heavily polluted river in Colombia.

Iraq: A Model 7012 HP Versi-Dredge deepens the Tigris River in Iraq for the Ministry of Water Resources. This is 1 of 10 IMS Model 7012 HP Versi-Dredges owned by the Ministry.

Israel: A Model 7012 HP Versi-Dredge cleans the heavily polluted Kishon River in Israel.
Liberia: A contractor uses a Model 7012 HP Versi-Dredge to mine sand from a river in Liberia.

Malaysia: A Model 7012 HP Versi-Dredge mines sand from a river in Malaysia. Note the low bridge in the foreground.

Mali: A contractor uses a Model 7012 HP Versi-Dredge to mine sand from a river in Mali. The contractor replaced two Chinese built dredges with their 7012 HP.

Nigeria: Two Model 7012 HP Versi-Dredges mine sand on the Niger River in Nigeria.

Philippines: A Model 5012 HP Versi-Dredge dredges a river leading into Subic Bay.

Trinidad: A Model 5012 LP Versi-Dredge uses the Broadcaster discharge attachment to clear a river channel for a flood prevention project in Trinidad.

USA: A Model 7012 HP Versi-Dredge utilizing the dual Broadcaster discharge attachment deepens a river channel for a flood prevention program funded by FEMA.
Videos

• Philippines River Dredging: https://www.youtube.com/watch?v=r9y_26e3Xdk
• Colombia River Dredging: https://www.youtube.com/watch?v=ayHRisElgSE
• USA River Dredging: https://www.youtube.com/watch?v=b9WhTmkvfY4
• Philippines River Dredging: https://www.youtube.com/watch?v=DzWIRg_82LM
• Trinidad River Dredging: https://www.youtube.com/watch?v=xkccwoIEwwA