PORT DREDGING

Global commerce does not have time for ports to silt up. If port channels are docks are silted up then vessels cannot dock to offload their cargo and move on to the next port of call. The Versi-Dredge and DepthMaster give port operators the opportunity to control their depth on their own terms. No more waiting on large dredging contractors to mobilize fleets of equipment to manage an oversized offshore dredge in a port setting. The Versi-Dredge and Depth Master allow port operators to maintain their facilities and approach channels to between 9.1m to 18m depth. When coupled with the proper dewatering set-up the IMS Versi-Dredge or Depth Master can provide significant cost savings over hiring a contractor on an annual basis.

The patented Starwheel Drive self-propulsion system makes sure that no vessels run into anchor cables that have been known to wrap around ship propellers. The Depth Master’s prop drive system allows the dredge to operate free of swing wires or cables as well. When the project is complete the dredge can be stored on site as the overall footprint is the size of 1-2 ocean containers depending on the dredge model.

If “water injection dredging” is an option then the IMS JetMaster system can be added to the Model 7012 HP Versi-Dredge or Depth Master (DM-60). This allows the operator to bring the material into suspension and let the natural water current carry it away from the docks or channel.

Case Studies

• Malaysian Marina Opt for Cost-Effective Dredge Option
• Gloucester’s Canal Dredging – Great Results (UK)
• Port Hope Harbour Dredging Starts Soon (Canada)
• IMS Dredges Assist Iraq Ministry of Water Resources and Iraqi Navy with Reconstruction Efforts
Photos

Indonesia: A Model 7012 HP Versi-Dredge performs maintenance dredging at a port in Bali, Indonesia.

Malaysia: A Model 7012 HP Versi-Dredge performs maintenance dredging at a port in Danga Bay, Malaysia.

Indonesia: A Model 7012 HP Versi-Dredge performs maintenance dredging at a port in SE Asia.

Morocco: A Model 7012 HP Versi-Dredge dredges sand from a port in Morocco.
USA: A Model 7012 HP Versi-Dredge cleans out a channel at a port in California for a US Army Corps of Engineers project.

Turkmenistan: A Model 7012 HP Versi-Dredge deepens an LNG Port on the Caspian Sea.

Malaysia: A Model 7012 HP Versi-Dredge performs maintenance dredging at Penang Port, Malaysia. This is the second Versi-Dredge purchased by the Penang Port. Their first unit was purchased in the early 1990's.

Trinidad: A Model 5012 LP Versi-Dredge operating in Port of Spain, Trinidad.

United Kingdom: A Model 5012 HP Versi-Dredge desilts Gloucester Port for the annual Tall Ship Festival.

Videos

- United Kingdom: https://www.youtube.com/watch?v=vnfGirqSCXw
- Canada: https://www.youtube.com/watch?v=LPywCemtTxk
- United Kingdom: https://www.youtube.com/watch?v=6kQyaxzRTJ4
- Malaysia: https://www.youtube.com/watch?v=y0KZGJEwhfQ
- Norway: https://www.youtube.com/watch?v=hEhfzGR0fMQ
- Philippines: https://www.youtube.com/watch?v=8hLxXeXmH8
- Indonesia: https://www.youtube.com/watch?v=n8UISD1_RrU