SAND DREDGING

Sand mining is critical to infrastructure development around the globe. IMS is a major supplier of one truck transportable sand mining dredge systems private sector buyers. The IMS Model 7012 HP Versi-Dredge is ideal for sand mining for the following reasons:

- Deepest digging one truck transportable ladder pump dredge available at 9.1m (30 ft.).
- Self-propelled so no re-setting anchor cables.
- Back up anchoring system in case there are heavy river currents.
- 10” (254mm) x 12” (305mm) hi-chrome GIW Industries sand mining pump ladder mounted behind cutterhead for maximum solids intake between 20-25% solids vs. basket cutter dredges of similar size which get 15-20% solids. Simply put, the 7012 HP will outperform dredges with the same size pump and power due to pump placement alone.
- The SolidsMaster cutterhead on the Versi-Dredge allows for maximum material conveyance to the pump intake at all times. The SolidsMaster will convey more sedimentary sand to the pump intake than any dredge in its class. Basket cutters will have reduced solids on the return swing as they take in more water.
- Easy to use joystick controls with CAN Bus diagnosing system and back up lever controls insuring minimum downtime.
- For more compacted sand deposits and sand bars above the water line, the IMS JetMaster system can be added to the Versi-Dredge or Depth Master to enhance excavation capabilities and increase overall production output.
Case Studies

• Philippines Mayor Invests in Versi-Dredge to Save Lives and Money

• IMS 7012 HP Operates 24/7 to meet Deadline at Saudi Seawater Intake Lagoon

• Sand Dredged from Cobourg Harbour Will be Moved to Victoria Beach (Canada)

• Mayor of Olongapo City, Philippines Gives Thumbs up for IMS 5012 HP Versi-Dredge®

• The U.S. Army Corps of Engineers Dredges Marina Del Rey Harbor

• Shoring up: City employees get beach in Lake Forest ready for summer

• Silica Dredger Finds Success with Unique Dredge
Photos

Belize: A resort owner in Belize restores his beach using a Model 7012 HP Versi-Dredge. More resorts are buying one truck transportable dredges and using them on an annual basis to maintain their beach front property instead of hiring local contractors which are much more expensive.

Iraq: One of ten Model 7012 HP Versi-Dredges owned by the Iraq Ministry of Water Resources dredges sand from the Tigris River.

Liberia: A Liberian dredge contractor uses a Model 7012 HP Versi-Dredge to fulfill a sand mining contract for a Dutch firm.

Malaysia: A contractor uses a Model 7012 HP Versi-Dredge to mine sand from a river in Malaysia.
Nigeria: One of six Model 7012 HP Versi-Dredge purchased by a single customer mines sand from the Niger River.

Nigeria: A contractor uses two Model 7012 HP Versi-Dredge units to mine sand from the Niger River in Nigeria.

Russia: A contractor uses a Model 5012 LP Versi-Dredge to mine sand from a pit in Russia.

Turks & Caicos: A five star resort in Turks & Caicos uses their Versi-Dredge to restore the resort's beach front.

USA: An IMS Model 5012 HP Versi-Dredge (background) pumps sand to a discharge site (foreground) at a sand mine in Orlando, FL. The sand was hauled away and spread on local beaches in Orlando.

USA: Two Model 7012 HP Versi-Dredges mine sand at a pit in Oklahoma.

USA: The IMS 7012 HP JetMaster produces 250 psi on each of its 26 jet nozzles which is ideal for dredging more compacted sands or sands with high clay content.
Videos

- USA Sand Dredging: https://www.youtube.com/watch?v=lekXyzObQdk
- Nigeria Sand Dredging: https://www.youtube.com/watch?v=Za_ay2sT2m4
- Canada Sand Dredging: https://www.youtube.com/watch?v=2C1FD92J94U
- USA Sand Dredging: https://www.youtube.com/watch?v=UMA9YB_tT5s
- USA Sand Dredging: https://www.youtube.com/watch?v=MKSy0iK3K0o
- Philippines Sand Dredging: https://www.youtube.com/watch?v=l4A90-rFLag
- USA Sand Dredging: https://www.youtube.com/watch?v=IM5DwjbJxuQ
- Saudi Arabia Sand Dredging: https://www.youtube.com/watch?v=2iIWhRDHWl8
- South Korea Sand Dredging: https://www.youtube.com/watch?v=9TG2F0OhadI
- USA Sand Dredging: https://www.youtube.com/watch?v=lekXyzObQdk