

MWI Hydraflo™ Pumps Help Drain New Orleans

At MWI, we are proud of our reputation for building high quality products and providing superior service. Emergencies like Hurricane Katrina allow us to demonstrate our capabilities to help people with our innovative products and responsive Rental Division. Our pump systems sometimes even surprise us with their extraordinary performance and versatility! MWI was a key element in drying out New Orleans using our Hydraflo pumps delivered and operated by the MWI Rental Division. We received recognition from the *New York Times*, *Engineering News Record*, *Miami Herald*, *Sun-Sentinel*, U.S. Army Corps of Engineers, *Washington Post*, NBC, BBC News, and many others for our major contribution in handling one of the United States' largest disasters. The New Orleans District of the Army Corps of Engineers recently awarded a contract for 34 Hydraflo pumps for critical hurricane protection. They know that these are the only high volume pumps that can be manufactured and put in place before the start of the 2006 Hurricane season.



Even before the storm ended, MWI Pump Rental had their Hydraflo™ pumps in route to New Orleans. The Hydraflo™ is a unique, very high volume pump that uses hydraulic power from a drive unit transmitted through flexible hoses to the propeller. This provides great versatility and very quick set up without any type of civil works at all. The Hydraflo™ was invented and patented by David Eller, the CEO of MWI. See the reverse side for more info on why it is such a great pump.

Our 30 inch units are capable of 38,000 gallons per minute at a 10 foot head and the 42 inch units can pump 70,000 gallons per minute at a similar head.



Over a period of several weeks, 20 large Hydraflos™ were set up and shifted to wherever they were needed based on direction by the Army Corps of Engineers. Multiple 42", 30" and 24" pumps were used to dry out large areas.

To help understand those numbers, a typical home swimming pool is about 12,000 gallons. The 42 inch pump would fill a pool in a little over 10 seconds. Another major advantage for the Hydraflo™ is the ability for the pump head to be lowered as the water is drawn down. Simply insert more discharge pipe.



This tragedy demonstrates the value of Hydraflos™ in any kind of emergency scenario.

We also make a mobile version of this pump which is mounted on a trailer. It can pump massive quantities of water in minutes from the time it arrives on site. Both Mexico and Egypt have used standard Hydraflos™ and Mobile Hydraflos™ to establish multiple nationwide emergency centers for exactly this kind of situation.



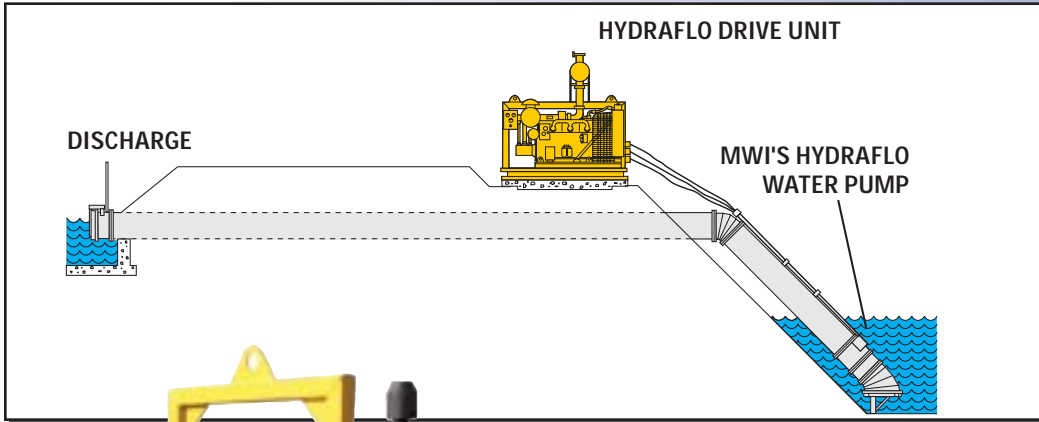
The photo in the left margin shows, a Hydraflo™ being airlifted in, while the other photos show the Hydraflos™ set up and operational.

Hydraflos™ are also great for permanent installations. They eliminate or significantly reduce the civil works that would be required for any other type pump. This results in a major reduction in over all costs of the project and allows the drive unit to be set above any potential flooding so the pump can always stay running – even in the middle of the flood.

Hydraflos™ are the only very large pumps that can be quickly picked up and moved around and then quickly installed. The separate drive unit connected by hoses gives enormous flexibility in placement of the units and makes them quick and easy to install.

To find information on MWI and our recent projects check us out online at www.mwicorp.com.

MWI Hydraflo™ Pumps



The innovative and ingenious design of the Hydraflo™ is what makes it so portable, versatile and economical. As demonstrated in New Orleans and many other parts of the world, it can be set up and pumping in hours, not months or years for large pumps where civil works are required. The schematic above shows its flexibility.

Hydraflos™ have made many rescues over the years in the US and outside: Mexico, Guyana, Egypt, Everglades, Nigeria, Zimbabwe. A typical rescue story is described below. This temporary emergency response became a permanent solution.

Hydraflo™ Station Restores Egyptian Community's Crops



A leading pump manufacturer spent 3 years building an elaborate floating pump station for use by 1700 Egyptian farmers and their families for crop irrigation and water supplies. Due to water fluctuation, the pump station was built on a barge. In June 1999, the station, caught fire and sank killing 7 people. Needing nothing less than a miracle to save the farmers and their crops, the government of Egypt with the help of MWI used a series of three 42" Hydraflo™ pumps to achieve the required head of 105 ft. This station was put into operation within 2 weeks after the fire proving the cost and time advantages associated with the minimal civil works required by the Hydraflo™ and its ability to be easily moved to accommodate changing water levels.

Contact us at (954)426-1500 and let us help you solve your flooding, drainage or emergency pumping needs.