

# FOR SALE

## 12" IMS Model 7012 HP Versi-Dredge®



**12" IMS Model 7012  
HP Versi-Dredge®**

**\$375,000.00 US**

**Contact Alan Perkovich at**

**(714) 863-4188 [aperkovich@msn.com](mailto:aperkovich@msn.com)**

## Photos

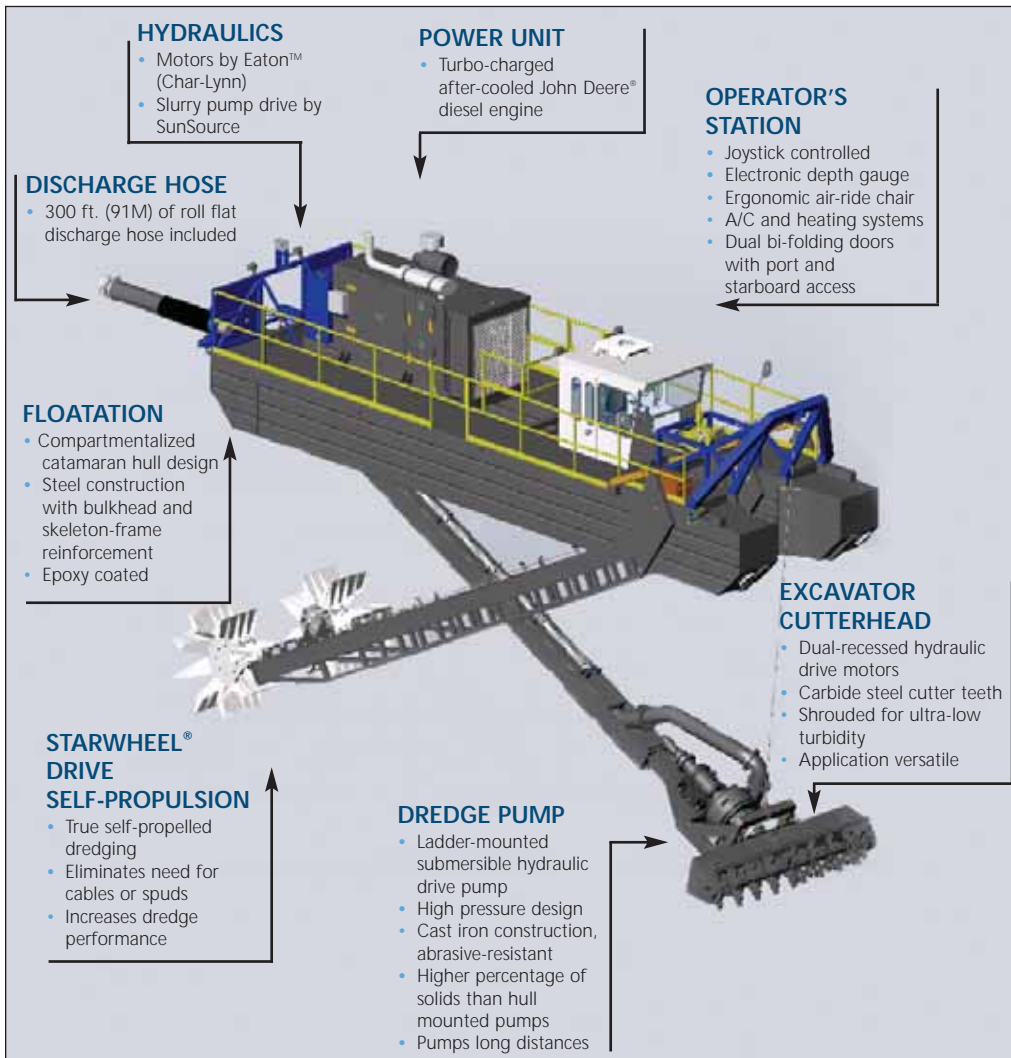




# Photos



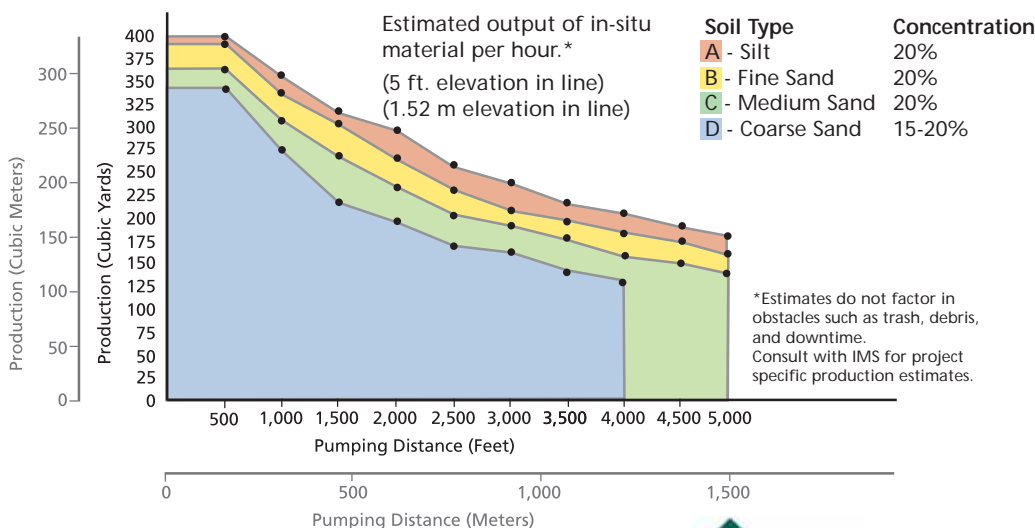
# IMS Model 7012 HP Versi-Dredge®



A Model 7012 HP removes sand from a sand mine in Eastern Florida.



All Versi-Dredge® models come standard with joystick controls and oversized gauges for ease of operation.



## STANDARD EQUIPMENT

300 ft. (91 m) of roll flat discharge hose  
12 saddle type hose floats  
Fully enclosed engine compartment  
Rock Guard  
Windlass system for cable drive  
Climate-controlled operator cabin  
Pump/cutterhead view window  
Cathodic protection  
Joystick controls  
Ergonomic air-ride swivel chair  
Digital depth gauge  
Horn  
360 degree lighting  
U.S. hand tool kit and tool box

## OPTIONAL EQUIPMENT

Broadcaster Discharge Attachment  
Outriggers  
GPS System (w/sub-meter accuracy)  
Flow meter  
Slurry thickness tattle tail  
Additional corrosion protection package  
Pipe, hose, saddle floats  
Navigation lights  
Spotlight  
Closed loop video monitor for discharge  
Sound system



IMS, A Division of LWT Dredges, Pumps and Pumping Systems

Ph: 913-642-5100 or 866-467-4010 (USA Only)  
Fax: 913-642-5119

7930 State Line Rd. Ste. #202  
Prairie Village, KS U.S.A. 66208

E-mail: versidredge@imsdredge.com  
Web Site: www.imsdredge.com





# IMS Model 7012 HP Versi-Dredge®

<b>Dimensions</b>		<b>Dredge Pump</b>	
Length	51 ft. 5 in. (15.7 m)	Type	GIW Cast Iron LCC-M 250-660
Width	12 ft. (3.66 m)	Discharge Diameter	10 in. (254 mm)
Height	10 ft. 5 in. (3.2 m) w/ air cleaner removed	Suction Diameter	12 in. (304 mm)
Weight (less fuel)	47,700 lbs. (21,636 kg)	Impeller Diameter	26 in. (660 mm)
<b>Flotation</b>		Sphere Passage	5.0 in. (127 mm)
Pontoons	Two (2) pontoons, 45 in. x 43 in. x 468 in. (1,143 mm x 1,092 mm x 11,887 mm); 10 ga. steel sides and bottom w/ 1/4" diamond deck; internal bulkheads and stiffeners; and painted w/ a marine grade epoxy-urethane paint	Pump Performance	5,000 gpm (315 liter/sec) @ 125 ft. (38.1 m) TDH (slurry s. g. 1.25) @ 760 rpm w/2,000 ft (609 m) discharge length
Displacement	60,500 lbs. (27,400 kg)	Speed (variable)	0 tp 760 rpm
Draft	35 in. (889 mm)	<b>Controls</b>	
<b>Working Capacity</b>		Electronic joystick controls are provided in a climate controlled cab.	
Cut	135 in. (3,430 mm) wide x 26 in. (660 mm) deep	<b>Propulsion</b>	
Working Depth	30 ft. (9.1 m)	STARWHEEL® Drive Self-Propulsion system; cable drive optional	
<b>Engine</b>		STARWHEELS® are individually operated for high maneuverability	
Type	John Deere Diesel Model 6135HF070, 6 cylinder 13.5L, 425 HP (317 kw) @ 2,100 rpm.	Speed (variable)	0 to 15 rpm (starwheel drive) 0 to 55 fpm (cable drive)
Fuel Capacity	400 gal. (1,516 liters)	<b>Electrical System</b>	
Fuel Consumption	20.6 gal/hr (79.4 lit/hr)	Voltage	12 volt, negative ground
<b>Hydraulic Systems</b>		Alternator Output	130 Amp
Circuit #1	Slurry Pump 7.9 in <sup>3</sup> /rev. 80 gpm (5.05 liter/sec.) @ 5,500 psig	<b>Corrosion Protection</b>	
Circuit #2	Cutterhead, Boom, Winches and STARWHEELS® 7.9 in <sup>3</sup> /rev. load sense 72 gpm (4.54 liter/sec.) @ 2,500 psig	Standard Paint	Superstructure and hull are sandblasted and painted with two coats of marine epoxy suitable for saltwater service. A self healing zinc clad undercoating is applied to above deck surfaces. The cab is made with galvaneal steel. Submerged surfaces are top coated with two coats of anti-fouling paint. Average paint thickness is 12 mils minimum.
Reservoir	120 gal. (454 liters)	Cathodic protection	Standard
Filtration	1 tank mounted return filter with a 10 micron (min.) rating with an indicator & cab warning light. Slurry pump circuit remote charge filter 6-micron (min.) rating with an indicator and cab warning light. Filter with water removal capability is optional	<b>Available Accessories</b>	
<b>Cutterhead</b>		Talk with a representative about options and custom features available	
Cutterbar	Diameter: 26 in. (660 mm) Length: 135 in. (3,430 mm) Replaceable hardened steel excavator blades available with paddlebar for materials that are not easily slurried	<b>Hourly Estimated Operating Costs</b>	
Drive	Recessed dual hydraulic motor; direct drive with no gear reduction	Fuel @ \$4.60/gallon	\$94.76
Speed (variable)	0 to 95 rpm @ 2,500 psi	Insurance	2.00
Torque	23,885 in-lbs (2,969 N-m) @ 2500 psi (peak)	Labor (2 Men @ \$16.00/Hr.)	32.00
Cutter Tip Force	1,837 lbs. (8,171 N)	Maintenance (Filters, etc.)	1.20
		Accrued Mechanical Overhaul	4.00
		Pump & Cutterhead Wear	5.00
		Hull Maintenance	3.60
		<b>Estimated Hourly Operating Cost in U.S. Dollars</b>	<b>\$142.56</b>
		<b>*Prices subject to local economics</b>	

NOTE: Specifications subject to change without notice.