FOR SALE

12” IMS Model 7012 HP Versi-Dredge®

$375,000.00 US

Contact Alan Perkovich at
(714) 863-4188 aperkovich@msn.com
IMS Model 7012 HP Versi-Dredge®

Dimensions
Length 51 ft. 5 in. (15.7 m)
Width 12 ft. (3.66 m)
Height 10 ft. 5 in. (3.2 m) w/ air cleaner removed
Weight (less fuel) 47,700 lbs. (21,636 kg)

Flotation
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

Displacement 60,500 lbs. (27,400 kg)
Draft 35 in. (889 mm)

Working Capacity
Cut 135 in. (3,430 mm) wide x 26 in. (660 mm ) deep
Working Depth 30 ft. (9.1 m)

Engine
Type John Deere Diesel Model 613S HF070, 6 cylinder
13.5L, 425 HP (317 kw) @ 2,100 rpm.
Fuel Capacity 400 gal. (1,516 liters)
Fuel Consumption 20.6 gal/hr (79.4 lit/hr)

Hydraulic Systems
Circuit #1 Slurry Pump
7.9 in/rev.
80 gpm (5.05 liter/sec.) @ 5,500 psig
Circuit #2 Cutterhead, Boom, Winches and
STARWHEEL®s
7.9 in/rev. load sense
72 gpm (4.54 liter/sec.) @ 2,500 psig
Reservoir 120 gal. (454 liters)
Filtration 1 tank mounted return filter with a 10 micron
(min.) rating with an indicator & cab warning light. Surry pump circuit remote charge filter
6-micron (min.) rating with an indicator and cab
warning light. Filter with water removal
capability is optional

Cutterhead
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 slurred
Drive Recessed dual hydraulic motor; direct
drive with no gear reduction
Speed (variable) 0 to 95 rpm @ 2,500 psi
Torque 23,885 in-lbs (2,969 N-m) @ 2500 psi (peak)
Cutter Tip Force 1,837 lbs. (8,171 N)

Dredge Pump
Type GIW Cast Iron LCC-M 250-660
Discharge Diameter 10 in. (254 mm)
Suction Diameter 12 in. (304 mm)
Impeller Diameter 26 in. (660 mm)
Sphere Passage 5.0 in. (127 mm)
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
Speed (variable) 0 tp 760 rpm

Controls
Electronic joystick controls are provided in a
cclimate controlled cab.

Propulsion
STARWHEEL® Drive Self-Propulsion system;
cable drive optional
STARWHEEL®s are individually operated
for high maneuverability
Speed (variable) 0 to 15 rpm (starwheel drive)
0 to 55 fpm (cable drive)

Electrical System
Voltage 12 volt, negative ground
Alternator Output 130 Amp

Corrosion Protection
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 above
deck surfaces. The cab is made with galvaneal
steel. Submerged surfaces are top coated with
anti-fouling paint. Average paint
thickness is 12 mils minimum.

Cathodic protection Standard

Available Accessories
Talk with a representative about options
and custom features available

Hourly Estimated Operating Costs
Fuel @ $4.60/gallon $94.76
Insurance 2.00
Labor (2 Men @ $16.00/Hr.) 32.00
Maintenance (Filters, etc.) 1.20
Accrued Mechanical Overhaul 4.00
Pump & Cutterhead Wear 5.00
Hull Maintenance 3.60

Estimated Hourly Operating Cost in $142.56
U.S. Dollars

*Prices subject to local economics

NOTE: Specifications subject to change without notice.