# IMS Model 4008 LP Versi-Dredge®

IMS DREDGES®

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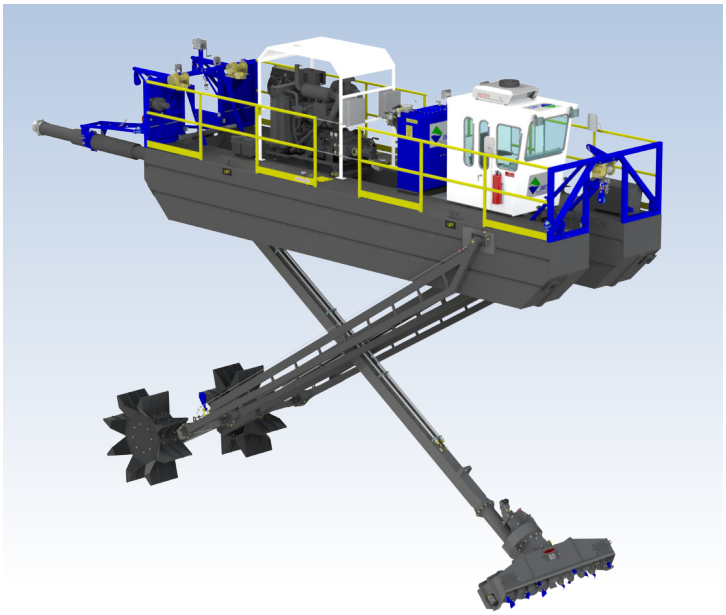
| ***DIMENSIONS*** | |
| Length | *39 ft. 7 in. (12m)* |
| Width | *10 ft. (3.05m)* |
| Height | *9 ft. 6 in. (2.89m)* |
| Weight | *22,400 lbs. (10,160) less fuel* |
| ***WORKING CAPACITY*** | |
| Cut | *96 in. (2,438 mm) wide x 17 in. (432 mm) deep* |
| Working Depth | *20 ft. (6.0 m)* |
| ***FLOTATION*** | |
| Hull Type | *Catamaran hull with 10ga steel sides, bottom and 3/16 in. plate tops, internal bulkheads and stiffeners, and painted with a marine grade epoxy* |
| ***ENGINE*** | |
| Type | *John Deere Diesel - Tier 3 Marine; 160 HP (119 kW)* |
| Fuel Capacity | *120 gal (454 l)* |
| Fuel Consumption | *8.8 gal/hr. (33.3 l/hr.)* |
| ***DREDGE PUMP*** | |
| Type | *IMS Low Pressure (LP) Hardox construction* |
| Discharge Diameter | *8 in. (203 mm)* |
| Performance | *2,000 gpm (454 m3/hr.) @ 65 ft. (19.8m) TDH* |
| Sphere Passage | *3.5 in. (88mm) closed impeller*<br>*4.3 in. (109mm) open impeller* |
| ***SOLIDSMASTER CUTTERHEAD*** | |
| Shroud | *Shrouded low-turbidity environmental cutterhead with 3 quick release clean-out ports* |
| Cutterbar Diameter | *17 in. (432 mm)* |
| Cutterbar Length | *96 in. (2,438 mmm)* |
| Drive | *Recessed dual hydraulic motor; direct drive with no gear reduction* |
| Torque | *14,000 in-lbs. torque* |
| Pump Defender | *Patented self-cleaning debris guard for up to 80% less downtime in debris rich environments* |
| ***CONTROLS*** | |
| Controls | *Dual electronic over hydraulic joystick controls* |
| ***PROPULSION*** | |
| Primary Propulsion | *Patented STARWHEEL® Drive Self-Propulsion system* |
| Speed | *Surface paddle wheel mode is 0-15 rpm, 2 knot sailing speed; bottom traction mode is 0-7 rpm* |
| Secondary Propulsion | *Cable drive traversing system propulsion infrastructure included; cables & 4-point anchor system sold as optional* |
| Speed | *Cable drive mode is 0-55 fpm (0-16.76 mpm)* |
| ***ELECTRICAL SYSTEM*** | |
| Voltage | *24 volt, negative ground* |
| Alternator Output | *190 Amp* |
| ***COATINGS*** | |
| Standard paint | *Superstructure and hull are sandblasted and painted with two coats of marine epoxy suitable for saltwater service. Average paint thickness is 12 mils minimum.* |



**STANDARD EQUIPMENT**

Patented Pump Defender® self-cleaning debris guard

Patented Starwheel Drive® self-propulsion system

Patented TractionMaster® for automatically changing speed and torque of propulsion

Slurry sample line

Climate controlled acoustic lined operator's cabin

Easy to use joystick controls for all dredge functions

Back-up camera with color screen in cab

Digital depth gauge

Nighttime operating lights

12-month factory warrant

On-site start-up and training included (air, hotels, and meals included)

Safety Package: 2 life vests, 1 life ring, first aid kit, and fire extinguisher

O&M Manual and Engine Manual

Tool kit and tool box

**OPTIONAL EQUIPMENT**

Transport - Launch - Retrieve Trailer (TLR)

Anti-Corrosion Package (stainless hydraulic fittings, hardware, and hull anodes)

Patented WeedMaster® Cutterhead for cutting & pumping vegetation

Hyacinths Rake for conveying floating vegetation to WeedMaster

Broadcaster spray discharge attachment

Dredging GPS System (w/ sub-meter accuracy)

Quick disconnect pipe, hoses, and floats

Dredge navigation light mast with day shapes

**NOTE: Specifications subject to change without notice.**

ISO 9001:2015 BUREAU VERITAS Certification

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An ellicott DREDGE ENTERPRISES Brand

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