

## IMS 7012 HP JetMaster Versi-Dredge

**[Inventory ID #1459984]**



### IMS 7012 HP JetMaster Versi-Dredge

- Make: IMS Dredges
- Model: IMS 7012 HP JetMaster Versi-Dredge
- Year: 2018
- Hours: 10,127 Hours
- Condition: Used Condition
- Type: Dredge
- Style: Self-Propelled Dredge with Heavy-Duty Water Jet Excavation
- JetMaster: (24) High-Pressure Nozzles on Top and Sides of Cutterhead Shroud
  - (2) Independent High-Pressure Water Pumps Integrated Vertically through Wells on Port and Starboard Catamaran Hull Sections
  - Power: 100HP (75kW)
  - Nozzles Max Output: 500 GPM (31.5 LPS).
  - Nozzle Pressure: 250 PSI (17.2 bar) to Break Up and Liquefy Consolidated Materials
  - Protected with Heavy-Duty Armor Plating to Prevent Damage when Operator is Pushing the SolidsMaster
  - Max Depth: 33ft (10m) in All (3) JetMaster Modes
    - Jet Excavation
    - Water Injection Dredging
    - Environmental Dredging
- Engine: John Deere 6135HF 485
- Transport: One-Truck Transportable
- Included with: Approx. \$50,000 USD of Spares
  
- General Model Specifications:
  - Working Capacity:

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- Cut: 135in (3,430mm) Wide x 26in (660mm) Deep
  - Working Depth: 30ft (9.1m)
  - Depth Extension: None Available
  - Flotation:
    - Dimensions: (2) Pontoons, 45in x 43in x 468in (1,150mm x 1,090mm x 11,900mm); 10 ga. Steel Sides, Bottom and 1/4" Plate Tops, Internal Bulkheads and Stiffeners, and Painted with Marine-Grade Epoxy Paint
    - Displacement: 63,300 lbs. (28,700 kg)
    - Draft: 35in (890mm)
  - Engine:
    - Make/Model: John Deere Diesel Model 6135 AFM85;
    - Configuration: 6-Cylinder 13.5 L
    - Power Output: 500 HP (373 kW) @ 2,000 rpm
    - Fuel Capacity: 400 Gal. (1,510 Liters)
  - Cutterhead:
    - Cutterbar Diameter: 26in (660mm)
    - Cutterbar Length: 135in (3,430mm)
    - Drive: Recessed Dual Hydraulic Motor; Direct Drive with No Gear Reduction
    - Speed (Variable): 0-60 rpm @ 2,500 PSI
    - Cutterhead Torque: 23,885 in.-lbs. (2,969 N-m) @ 2,500 PSI (Peak)
    - Cutterhead Tip Force: 1,837 lbs. (8,171 N)
    - Cutterhead Teeth: Replaceable Carbide Steel Teeth
  - Dredge Pump:
    - Type: GIW
    - Discharge Diameter: 10in (254mm)
    - Suction Diameter: 12in. (304mm)
    - Sphere Passage: 5.0in (127mm)
    - Pump Performance 5,000 GPM (315 Liter/Sec.) @ 125ft (38.1 m) TDH @ 760 RPM w/ 2,000 ft. (610 m) Discharge Length
    - Speed: (Variable) 0-790 RPM
  - Propulsion:
    - Propulsion: STARWHEEL® Drive Self-Propulsion System; Cable Drive Infrastructure in Place (Cables & Anchor Plates Sold Separately)
    - Speed (Variable):
      - 0-31 RPM @ Surface, 0-7 RPM @ Underwater
      - 0-55 FPM (Cable Drive)
  - Operating Dimensions:
    - Length: 51ft 5in (15.7m)
    - Width: 12ft (3.66m)
    - Height: 10ft 8in (3.25m) w/Muffler Removed
    - Weight (Less Fuel): 47,700 lbs. (21,600 kg)
  - International Shipping Dimensions:
    - Length Option: 49ft 2in (15m) - STARWHEEL® Removed
    - Width 12ft (3.66m)



- Height 10ft 8in (3.25m) - Muffler Removed
- Weight (Less Fuel): 47,000 lbs. (21,319 kg)
- Shipping Method: Break Bulk, 20ft Ocean Container Required for All Shipments

- Location: Asia

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