



L-Series PELICAN dredge with diesel power

- Dredge pump:** Metso LU40 ladder mounted pump, 12" x 12", 3-vane impeller
Dynamic Head Tank
- Main Power Unit:** Caterpillar C27, 880 horsepower
- Accessory Power Unit:** Caterpillar C15, 440 horsepower
- Fuel Storage:** 3,600 gallon
- Water System:** 2,500 gpm total flow from turbine pump
2,000 gpm for water nozzles
500 gpm for service water
- Dredge Pump Drive:** 90 degree direct drive gearbox reduction and Torqueshaft
- Flotation:** Center: Rectangular, 3/8" plate with watertight bulkheads
Side: Cylindrical, 3/8" plate with watertight bulkheads
- Ladder:** STIFF truss frame
180' overall length, 150' maximum mining depth
- Hydraulic system:** Constant flow pumps, 300 gallon reservoir with proportional controls
and oil/air cooling
- Cutter:** 9" pitch linear cutter
30,000 pound maximum digging force
Dynamic Head Tank
- Rigging:** 2 each M75 hoist winches with 1 x 24 BRUTE rigging blocks
- Positioning:** 3-wire. 3 each M18 positioning winches with Mini-MOAB blocks and NOMAD fairlead
- Operators Cab:** Elevated, 10' x 7', insulated, tinted windows, AC/heat, CONVAC S4, LADDERVAC II, velocity
meter, infinitely adjustable position for controls and seat
- Dimensions:** Overall length: 216'
Overall width: 30'
Displacement: 346,000 pounds

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