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: Side:**	**Rectangular, 3/8” plate with watertight bulkheads 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: Overall width: Displacement:**	**216' 30' 346,000 pounds**

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TWINKLE CO
West Liberty, IA
800 258 3702 • www.twinkleco.com