

**Platform:**

Length..... 21'4"  
Width..... 8'  
Height..... 10' 3"  
Total Weight.....5400 lbs.  
Draft..... 12 inches  
Pontoons: Ultra High Molecular Polyethylene  
Modular/Foam Filled

**Excavation:**

Excavation Depth: 0-40 feet  
Traverse Speed: 0-38 feet per minute

**Dredge Pump:**

Type: Severe duty slurry/agitator  
With High Chrome Iron Wear Parts  
Motor: 50 hp, 1170 RPM, 460v.  
1.35 Service Factor  
seal moisture & motor temp sensor

Max. Spherical Solids: 2.5 inch  
Power jet ring w/jet pump, 30 hp

**Auto/Manual Control Panel:**

Skid mounted remote control  
Power: 460v, 3 phase, 60 hz  
Auto: traverse/park/system shutdown  
Manual push button w/indicator lights  
Main pump on/off, hoist up/down, traverse fwd/off/rev.  
Main circuit breaker  
Separate breakers for each branched circuit  
Magnetic contactors w/overloads & reset push buttons  
Moisture sensor relay with indicator light  
Motor overtemp relay with indicator light  
Fused 120v control circuit  
Run time hour meter  
Digital ammeter  
NEMA 3R enclosure  
Urethane powder coated finish

**Hoist Winch:**

2 hp, TEFC, 460 VAC  
Grooved drum & cable tensioning bar  
Over haul ball weight  
Fail safe dual brake system  
Speed: 15 feet per minute  
Continuous load rating: 4800 lbs  
Intermittent load rating: 6250 lbs  
Hoist Cable: 3/8" 7x19 galvanized aircraft cable  
Cable nominal strength: 14,400 lbs  
Adjustable pump elevation limit switches w/ manual override

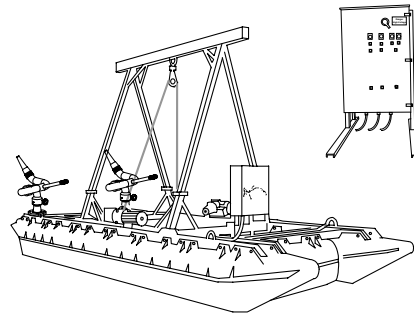
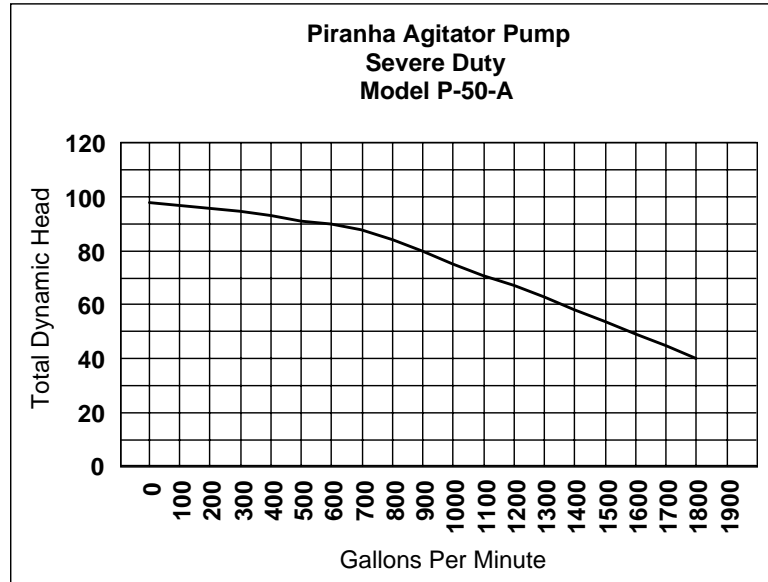
**Miscellaneous:**

Four corner lifting eyes & single point pickup  
Oven baked urethane powder coated finish  
304 stainless steel fasteners  
Discharge hose management roller guides

**Notable Option:**

Hydraulic mining canons, 2/ea

**Automated Dredge Pumping System**  
For Power Plants, Mining, Beach Restoration  
Wash Fines, Sand & Gravel Production, Mine Tailings



<b>Equipment Specialties Co.</b>			
Dredge Pumping Systems (505) 822-0449			
<b>P50-Auto Piranha Dredge</b>			
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