

Platform:

Length..... 21'4"
Width..... 8'
Height..... 10' 3"
Total Weight.....5500 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: 75 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
Led depth display
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

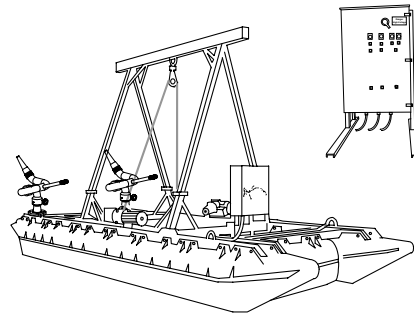
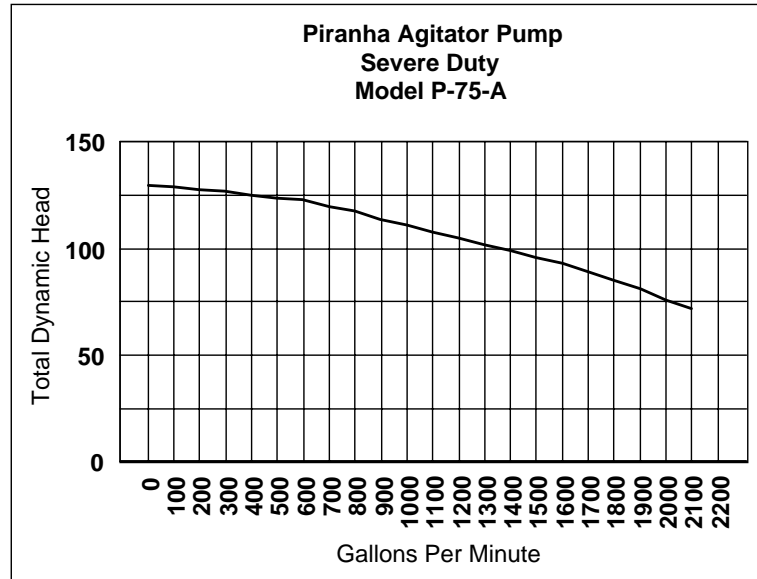
Miscellaneous:

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



Equipment Specialties Co. Dredge Pumping Systems (505) 822-0449			
P75-Auto Piranha Dredge			
6/6/89	Rev. # 4	Rev. Date 10/6/97	DWG. # PP-1151