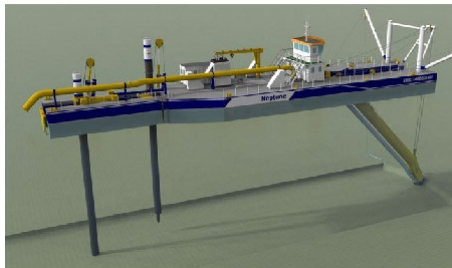




Gator 65-A | Cutter Suction Dredge

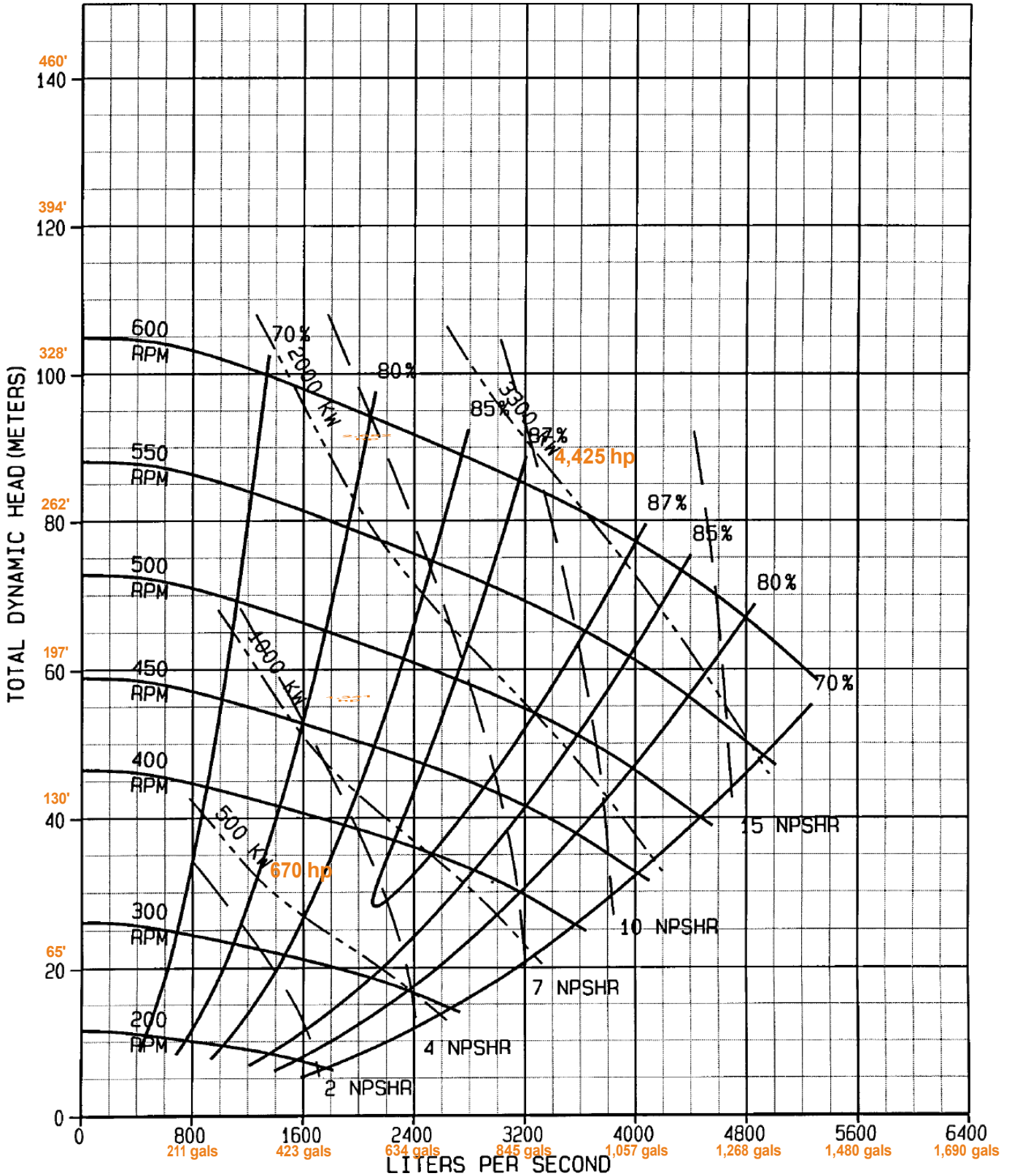


Neptune has developed its own cutter dredge, the Gator. This type of cutter suction dredge is available in a standard design, which can be modified to the demands of your dredging project. The Gator Dredge enables you to perform safe and secure dredging operations and can also be optionally outfitted with spud carriers or anchor booms.



| | |
|----------------------------|--|
| VESSEL TYPE | Cutter Suction Dredge |
| DIMENSIONS | Approx. |
| LENGTH OA INCL. LADDER | 203 ft 62 m (incl spud carrier) |
| LENGTH PONTOONS | 150 ft 46 m |
| BREADTH | 34 ft 10,5 m |
| DEPTH MAIN PONTOON | 8.2 ft 2,9 m |
| DEPTH DRAUGHT | 5.9 ft 1,8 m |
| DREDGING PARAMETERS | |
| DREDGING DEPTH (45°) | 82 ft 25 m |
| SUCTION PIPE DIA. | 26 in 650 mm |
| DISCHARGE PIPE DIA. | 26 in 650 mm |
| TANK CAPACITIES | |
| FUEL OIL | +/- 24,000 gals 2 x 45 m ³ |
| HYDRAULIC OIL | +/- 1050 gals 4 m ³ |
| BALLAST | +/- 6340 +10,566 2 x 12 m ³ + 2 x 20 m ³ |
| POWER INSTALLED | |
| DREDGE PUMP DIESEL ENGINE | 2,445 hp 1825 kW |
| AUXILIARY DIESEL ENGINE | 1,334 hp 995 kW |
| GENERATOR ENGINE | 47 hp 35 kW |
| TOTAL INSTALLED POWER | 3,829 hp 2855 kW |

| | |
|----------------------------|------------------------------------|
| EQUIPMENT | |
| DREDGING EQUIPMENT | |
| CUTTER | Multi-Purpose, 6-Blade |
| POWER | 939 hp 700 kW |
| SPEED | 0-30 rpm |
| DREDGE PUMP | GIW or similar |
| PUMP ENGINE | Caterpillar 3516 SCAC |
| LADDER HOISTING WINCH | 240 kN |
| SPUD SYSTEM | |
| SPUD LEGS | 2 |
| SPUD | 2x 914 ø (77.1 ft 23,5 length) |
| SPUD LEG LIFTING | Cylinders (12.5 ft 3.8 m stroke) |
| SWING ARRANGEMENT | |
| SWING WINCHES | 2x 240 kN |
| HAULING SPEED | 0-82 ft/min 0-25 m/min |
| SWING ANCHORS | 44,121 lbs Pull 2000 kg Pool |
| OPTIONS | |
| ANCHOR BOOMS | Incl anchor lifting winches |
| SPUD CARRIER | |
| DENSITY AND VELOCITY METER | |
| DAY ACCOMMODATION | 4 persons |
| SANITARY SPACE | 1 toilet + shower |
| DECK CRANE | 5.0m /16.4 ft 4.5t |



Gator 65-A | Cutter Suction Dredge

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