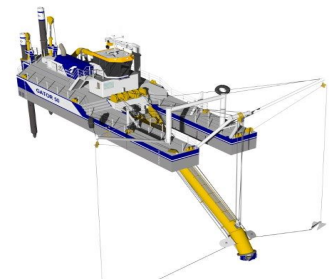




Gator 50 | Cutter Suction Dredge



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 enables you to perform safe and secure dredging operations. The Gator Dredge can also be optionally outfitted with spud carriers or anchor booms.



| | |
|----------------------------|-----------------------------|
| VESSEL TYPE | Cutter Suction Dredge |
| DIMENSIONS | BV CLASS ⚓ MACH COSTAL AREA |
| LENGTH OA INCL. LADDER | 114 ft 35 m |
| LENGTH PONTOONS | 79 ft 24 m |
| BREADTH | 26 ft 7.9 m |
| DEPTH MAIN PONTOON | 9 ft 2.85 m |
| DEPTH SIDE PONTOONS | 9 ft 2.85 m |
| DEPTH DRAUGHT | 4 ft 1.2 m |
| HULL | |
| LENGTH MAIN PONTOON | 46 ft 14 m |
| BREATH MAIN PONTOON | 10 ft 3 m |
| DEPTH MAIN PONTOON | 9 ft 2.85 m |
| LENGTH SIDE PONTOONS | 69 ft 21 m |
| BREATH SIDE PONTOONS | 8 ft 2.4 m |
| DEPTH SIDE PONTOONS | 9 ft 2.85 m |
| DREDGING PARAMETERS | |
| DREDGING DEPTH (45°) | 50 ft 15.24 m |
| SUCTION PIPE DIA. | 22 in 550 mm |
| DISCHARGE PIPE DIA. | 20 in 500 mm |
| TANK CAPACITIES | |
| FUEL OIL | +/- 9246 gals 35 m3 |
| HYDRAULIC OIL | +/- 793 gals 3 m3 |
| FRESH WATER | +/- 4 x 2113 gals 4 X 8m3 |
| POWER INSTALLED | |
| DREDGE PUMP DIESEL ENGINE | 1818 hp 1356 kW |
| EMERGENCY POWER | BATTERY PACK |

| | |
|----------------------------|---------------------------------|
| EQUIPMENT | |
| DREDGING EQUIPMENT | |
| CUTTER | Multi-purpose |
| POWER | 250 hp 186 kW |
| SPEED | 0-30 rpm |
| DREDGE PUMP | 20 in 500 mm - GIW (KSB) |
| WEAR MATERIAL | GS32 / high wear resistant |
| PUMP ENGINE | Caterpillar C3512 Tier 4 |
| PUMP GEARBOX | KATSA |
| SPUD SYSTEM | |
| SPUD LEGS | 2 |
| SPUD LENGTH | 65 ft 20 m |
| SPUD DIA. | 24 in 610 mm |
| SPUD LEG LIFTING | Cylinders (118 in 3 m stroke) |
| SWING ARRANGEMENT | |
| SWING WINCHES | 2 |
| WIRE PULL | 12 tons 120 kN |
| HAULING SPEED | 65 ft/min 20 m/min |
| SWING ANCHORS | Delta Flipper |
| OPTIONS | |
| ANCHOR BOOMS | EMERGENCY GENERATOR |
| SPUD CARRIER | EXTENDED DREDGING DEPTH |
| DENSITY AND VELOCITY METER | |

For more information, please contact us:

T +1 (346) 708 8070 E sales@neptuneamericas.com W www.neptuneamericas.com