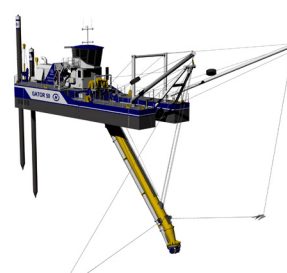
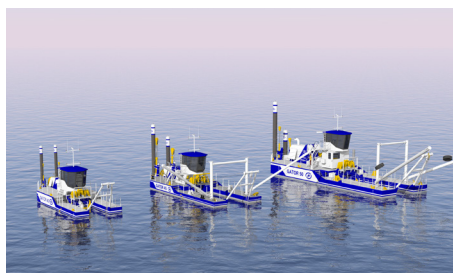
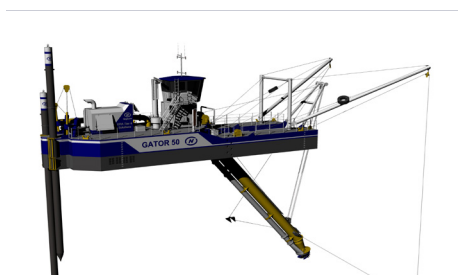




Gator 50 | Cutter Suction Dredger

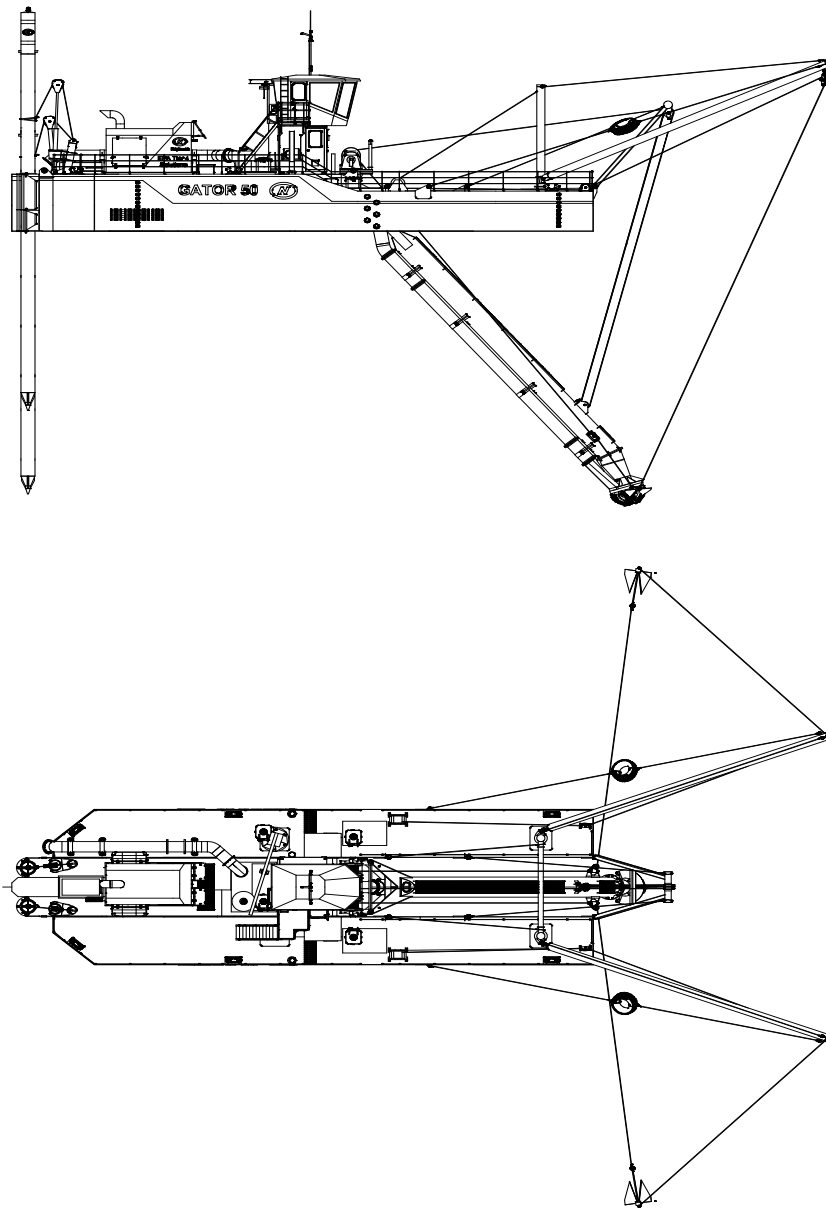


Neptune has developed its own cutter dredger, the Gator. This type of cutter suction dredger is available in a standard design, which can be modified to the demands of your dredging project. The Gator enables you to perform safe and secure dredging operations. The Gator can also be optionally outfitted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



CLASSIFICATION	I ✚ HULL • mach Dredger- no propulsion Coastal area
DIMENSIONS	
LENGTH OA INCL. LADDER	34,0 m
LENGTH PONTOONS	24,95 m
BREADTH	7,8 m
DEPTH MAIN PONTOON	2,85 m
DEPTH SIDE PONTOONS	2,85 / 2,0 m
DRAUGHT	1,5 m
HULL	
LENGTH MAIN PONTOON	15,0 m
BREATH MAIN PONTOON	3,0 m
LENGTH SIDE PONTOONS	22,7 m
BREATH SIDE PONTOONS	2,42 m
DREDGING PARAMETERS	
DREDGING DEPTH (50°)	15,0 m
SUCTION PIPE DIA.	550 m
DISCHARGE PIPE DIA.	500 m
TANK CAPACITIES	
FUEL OIL	+/- 2 x 17 m ³
HYDRAULIC OIL	+/- 2,0 m ³
POWER INSTALLED	
DREDGE PUMP DIESEL ENGINE	Caterpillar 3512
POWER	1350 kW

DREDGING EQUIPMENT	
CUTTER	APT, Esco or Similar
POWER	184 kW
SPEED	0-30 rpm
DREDGE PUMP	GIW LSA 20x20-48 C/4ME
PUMP ENGINE	Caterpillar 3512
SPUD SYSTEM	
SPUD LEGS	2
SPUD LENGTH	20,0 m
SPUD DIA.	609 mm
SPUD LEG LIFTING	Cylinders (2,0 m stroke)
SWING ARRANGEMENT	
SWING WINCHES	2 x 120 kN
HAULING SPEED	0-15 m/min
SWING ANCHORS	Delta flipper 1500 kg
ACCOMODATION	
DAY ACCOMMODATION	2 persons airconditioned
SANITARY SPACE	Toilet
OPTIONS	
ANCHOR BOOMS	Incl anchor lifting winches
SPUD CARRIER	
DENSITY AND VELOCITY METER	
DECK CRANE	3 ton lifting
EMMISSION REDUCTOIN	Stage V IMO Tier III EPA Tier IV



Gator 50 | Cutter Suction Dredger

For more information, please contact us on:

T +31 (0)184 621 423 E info@neptunemarine.com W www.neptunemarine.com

Version: V.02

