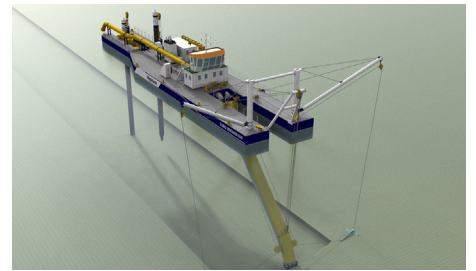
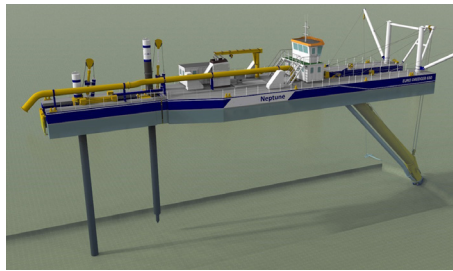




EuroDredger 650 | Cutter Suction Dredger

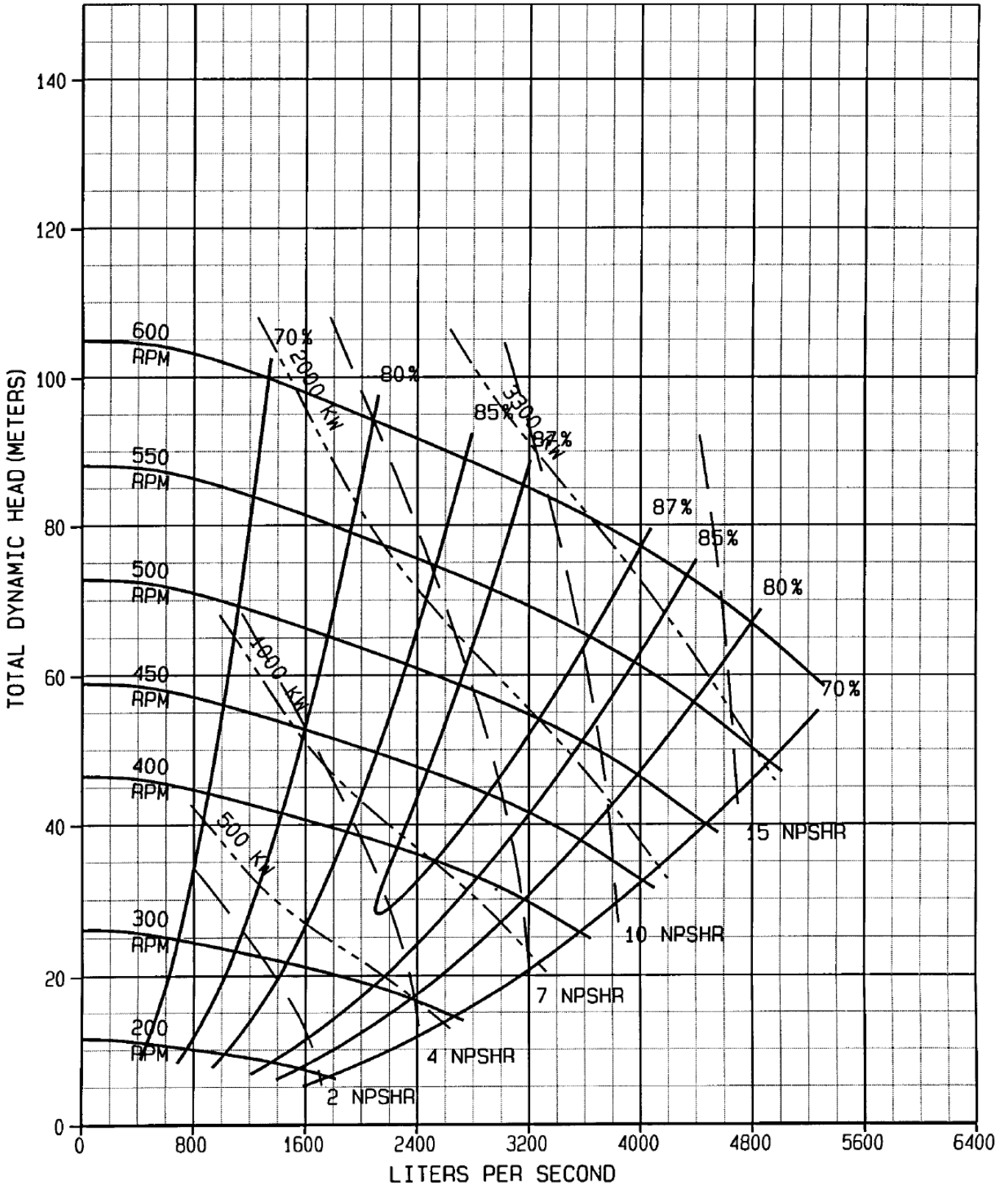


Neptune has developed its own cutter dredger, the EuroDredger. This type of cutter suction dredger is available in a standard design, which can be modified to the demands of your dredging project. The Euro Dredger enables you to perform safe and secure dredging operations. The EuroDredger can also be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



VESSEL TYPE	Cutter Suction Dredger
DIMENSIONS	
LENGTH OA INCL. LADDER	62 m (incl spudcarrier)
LENGTH PONTOONS	46 m
BREADTH	10,5 m
DEPTH MAIN PONTOON	2,9 m
DEPTH DRAUGHT	1,8 m
DREDGING PARAMETERS	
DREDGING DEPTH (45°)	18 m
SUCTION PIPE DIA.	650 m
DISCHARGE PIPE DIA.	600 m
TANK CAPACITIES	
FUEL OIL	+/- 2 x 45 m ³
HYDRAULIC OIL	+/- 4 m ³
BALLAST	+/- 2 x 12 m ³ + 2 x 20 m ³
POWER INSTALLED	
DREDGE PUMP DIESEL ENGINE	1825 kW
AUXILIARY DIESEL ENGINE	895 kW
GENERATOR ENGINE	35 kW
TOTAL INSTALLED POWER	2755 kW

EQUIPMENT	
DREDGING EQUIPMENT	
CUTTER	Esco or similar
POWER	600 kW
SPEED	0-30 rpm
DREDGE PUMP	GIW or similar
PUMP ENGINE	Caterpillar 3516
LADDER HOISTING WINCH	240 kN
SPUD SYSTEM	
SPUD LEGS	2
SPUD	2x 914 (23m length)
SPUD LEG LIFTING	Cylinders (2,5 m stroke)
SWING ARRANGEMENT	
SWING WINCHES	2x 240 kN
HAULING SPEED	0-15 m/min
SWING ANCHORS	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	25 t/m



EuroDredger 650 | 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.01

