



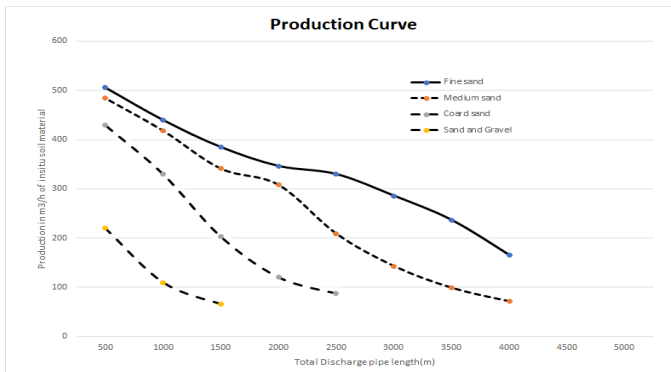
BOOSTER STATION 40 (16'')



Our booster station is available in a standard 20ft container design, faster mobilization which can be modified to the demands of your dredging project. The booster station enables you to perform safe and secure pump operations. The booster station is mounted with similar Gator components making exchange of equipment and parts possible.

CONTAINER TYPE	Booster Station 40 (16'')	
DIMENSIONS TOTAL		
LENGTH	6,10 m (20')	
TOTAL WIDTH	2,44 m	(8.0')
TOTAL HEIGHT	2.59m	(8.5')
CERTIFICATION	DNV2.7-1 / EN 12079	
ELETRICAL		
VOLTAGE	24V DC	
BATTERY CAPACITY	240 AH	
TANK CAPACITIES		
FUEL OIL	+/- 1 x 4.5 m ³ (1 x 1,188 gal)	
PUMP PARAMETERS		
DREDGE PUMP	GIW OR SIMILIAR	
SUCTION PIPE DIA.	400 mm (16'')	
DISCHARGE PIPE DIA.	400 mm (16')	

EQUIPMENT	
DREDGING EQUIPMENT	
WEAR MATERIAL	GS32 / high wear resistant
PUMP ENGINE	Caterpillar C18 ACERT
PUMP GEARBOX	Boone or equivalent
TOTAL POWER INSTALLED	
DREDGE DIESEL ENGINE	483 kW (648 hp)
COLLER SYSTEM	AIR COLLING
ELETRONIC VACCUN	
DISCHARGE PRESSURE MEASUREMENT	
OPTIONS	
VHF TRANSMITER	
GATOR SYNC HMI	
GATOR REMOTE ACESS	



Material type	Grain size	Insitu density
Fine sand	d50 = 100 µm	ρ = 1.90 t/m ³
Medium sand	d50 = 235 µm	ρ = 1.95 t/m ³
Coarse sand	d50 = 440 µm	ρ = 2.00 t/m ³
Sand and gravel	d50 = 1300 µm	ρ = 2.20 t/m ³

Remarks:
 Geodetic height : +4m (2.9')
 Discharge pipe : 400 mm (16'')
 Dredging depth : -8m (-26')

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For more information, please contact us on:

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