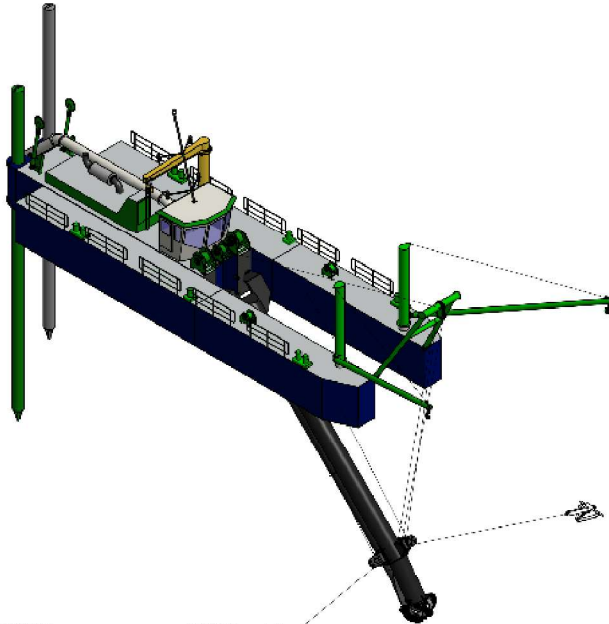




Engineered for Dredging

Leaflet 'Prime dredge 50'



Prime dredge 50
Durable & economical in the high performance range.

PRODUCTION

Total installed power 4000 m³/hour
1260kW

DREDGE INSTALLATION

Dredge pump drive	Caterpillar, Mitsubishi or Cummins
Power	950kW
Dredge pump	GIW LSA / Warman
Cutter	ECTMarine 5 blades
Tooth system	Esco Ultralock
Cutter power	170 kW
Cutter speed	variable 0..30 rpm

MAIN DIMENSIONS

Length overall, ladder up	37	m
Length over pontoons	26	m
Breadth	7,6	m
Dredging depth	14	m
Suction pipe diameter	550	mm
Discharge pipe diameter	500	mm

AUXILIARY DRIVE

(Driving electric generator, winches, cutter, spuds)

Auxiliary engine	Caterpillar, Mitsubishi or Cummins
Power	320kW

WINCHES

Ladder winch		
Line pull first layer	90	kN
Speed	0..20	m/min
Swing winches (2x)		
Wire pull first layer	90	kN
Speed	0..20	m/min
Anchors (each)	750	kg

ELECTRIC INSTALLATION

Voltage	24V DC and 230V/400V AC
Electric generator	30 KVA

TANK CAPACITIES

Fuel oil	25 m ³
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FEATURES

- High efficiency dredge pump
- Transportable by road
- Heavy duty design
- Low maintenance
- Modular design
- High quality components
- Efficient fuel consumption
- Luxurious operator cabin
- Class approved construction

OPTIONAL EQUIPMENT

- Production measurement Monohull
- Dredge monitoring tracking system Electric / LNG
- Increased dredging depth (submerged dredge pump)
- Air conditioning
- Plain suction front part
- Spare parts package
- Diesel generator set
- Spud carrier system
- Single engine set up
- Anchorboom installation

ECT MARINE
PRIME DREDGE 50

