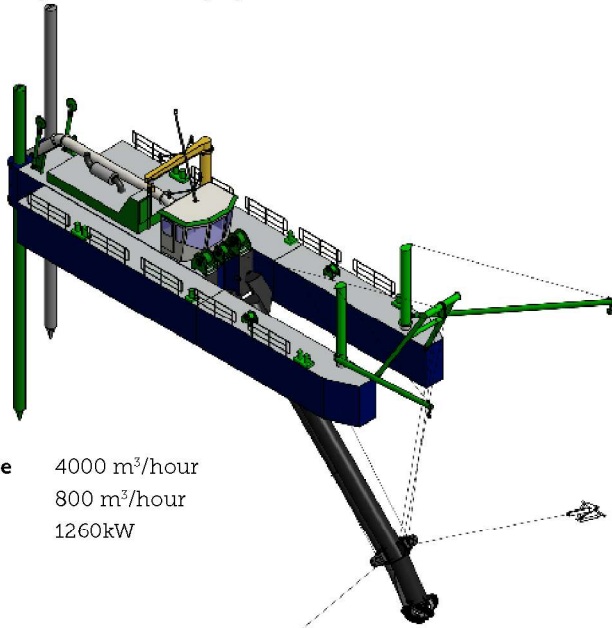




Engineered for Dredging



Leaflet 'Prime dredge 50'

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

PRODUCTION mixture 4000 m³/hour
PRODUCTION solids 800 m³/hour
Total installed power 1260kW

DREDGE INSTALLATION

Dredge pump drive Caterpillar
Power (approx) 950kW
Dredge pump GIW LSA
Cutter ECTMarine 5 blades
Tooth system replaceable with various tooth types
Cutter power 170 kW
Cutter speed variable 0..30 rpm

AUXILIARY DRIVE

(Driving electric generator, winches, cutter, spuds)
Auxiliary engine Caterpillar
Power (approx) 320kW

ELECTRIC INSTALLATION

Voltage 24V DC and 230V/400V AC
Electric generator 35 KVA

TANK CAPACITIES

Fuel oil 25 m³

FEATURES

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

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

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

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
Deck crane



ECT MARINE
PRIME DREDGE 50

