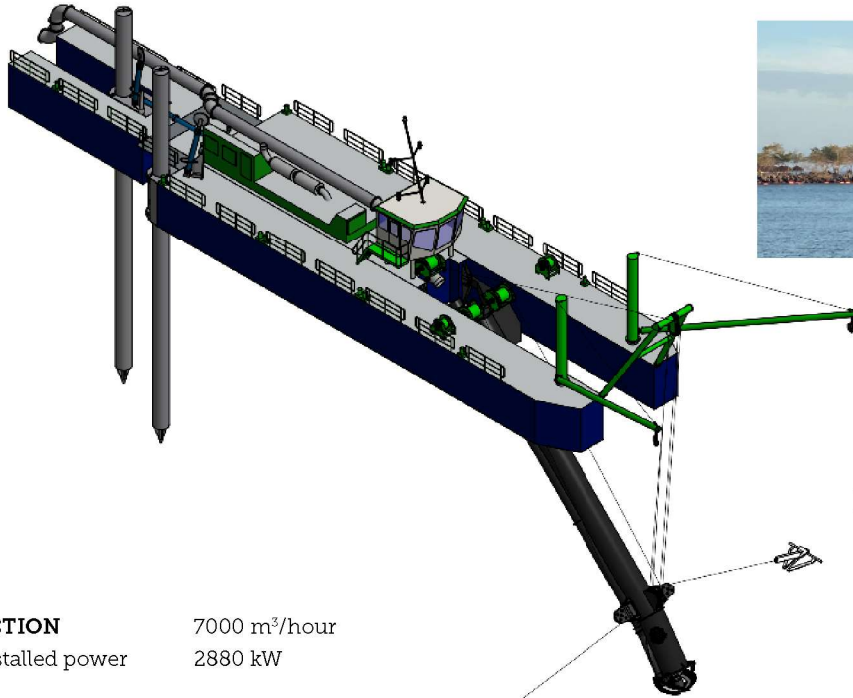




Leaflet 'Prime dredge 65' Inboard Pump (IBP)



Prime dredge 65
Durable & economical in the high performance range.

PRODUCTION 7000 m³/hour
Total installed power 2880 kW

DREDGE INSTALLATION

Dredge pump drive Caterpillar or Cummins
Power 1860kW@1800rpm
Dredge Pump GIW LSA
Cutter Hydraulic driven (ECTMarine/ESCO)
Cutter Power 600/450 kW
Cutter speed variable 0..30 rpm

AUXILIARY DRIVE

(Driving electric generator, winches, cutter, spuds)
Auxiliary engine Caterpillar or Cummins
Power 1020kW@1800rpm

ELECTRIC INSTALLATION

Voltage 24V DC and 230V/400V AC
Electric generator 57 KVA

TANK CAPACITIES

Fuel oil 58 m³

STANDARD FEATURES

High efficiency dredge pump
Transportable by road
Class approved construction
Heavy duty design
Low maintenance
Modular design
High quality components
Operator cabin with excellent 360 visibility
Efficient fuel consumption

MAIN DIMENSIONS

Length overall, ladder up	59	m
Length over pontoons	46	m
Breadth	10	m
Dredging depth	18	m
Suction pipe diameter	700	mm
Discharge pipe diameter	650	mm

WINCHES

Ladder winch		
Line pull first layer	240	kN
Speed	0..20	m/min
Swing winches (2x)		
Wire pull first layer	240	kN
Speed	0..20	m/min
Anchors (each)	2000	kg

OPTIONAL EQUIPMENT

Hull certification	Production measurement
Anchor boom installation	Dredge monitoring system
Spud carrier system	Accommodation
Swivel bend	Deck crane
Vacuum relief valve	Increased dredging depth
Non return valve	Floating pipeline
Underwater Pump configuration	

