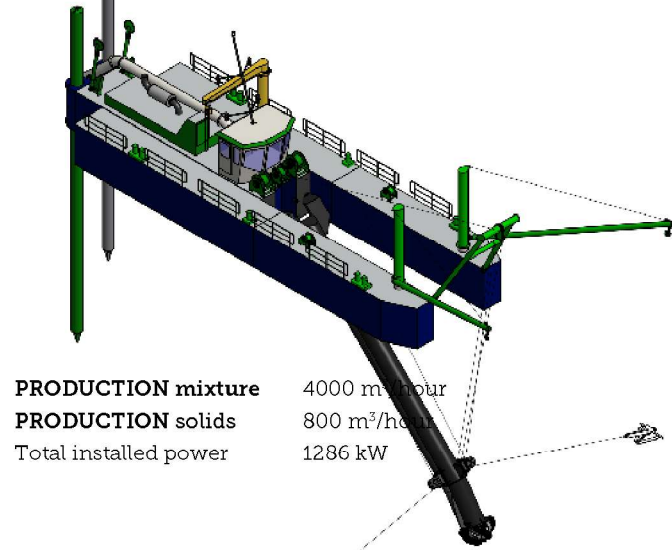




Leaflet 'Prime dredge 50'



PRODUCTION mixture 4000 m³/hour
PRODUCTION solids 800 m³/hour
 Total installed power 1286 kW

DREDGE INSTALLATION

Dredge pump drive Cummins
 Power (approx) 969 kW
 Dredge pump 20X18
 Cutter ECTMarine 5 blades
 Tooth system replaceable with various tooth types
 Cutter power 180 kW
 Cutter speed variable 0..30 rpm

AUXILIARY DRIVE

(Driving electric generator, winches, cutter, spuds)
 Auxiliary engine Doosan
 Power (approx) 317 kW

ELECTRIC INSTALLATION

Voltage 24V DC and 230V/400V AC
 Electric generator 25 KVA

TANK CAPACITIES

Fuel oil 24 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	8,8	m
Dredging depth	14	m
Suction pipe diameter	550	mm
Discharge pipe diameter	500	mm

WINCHES

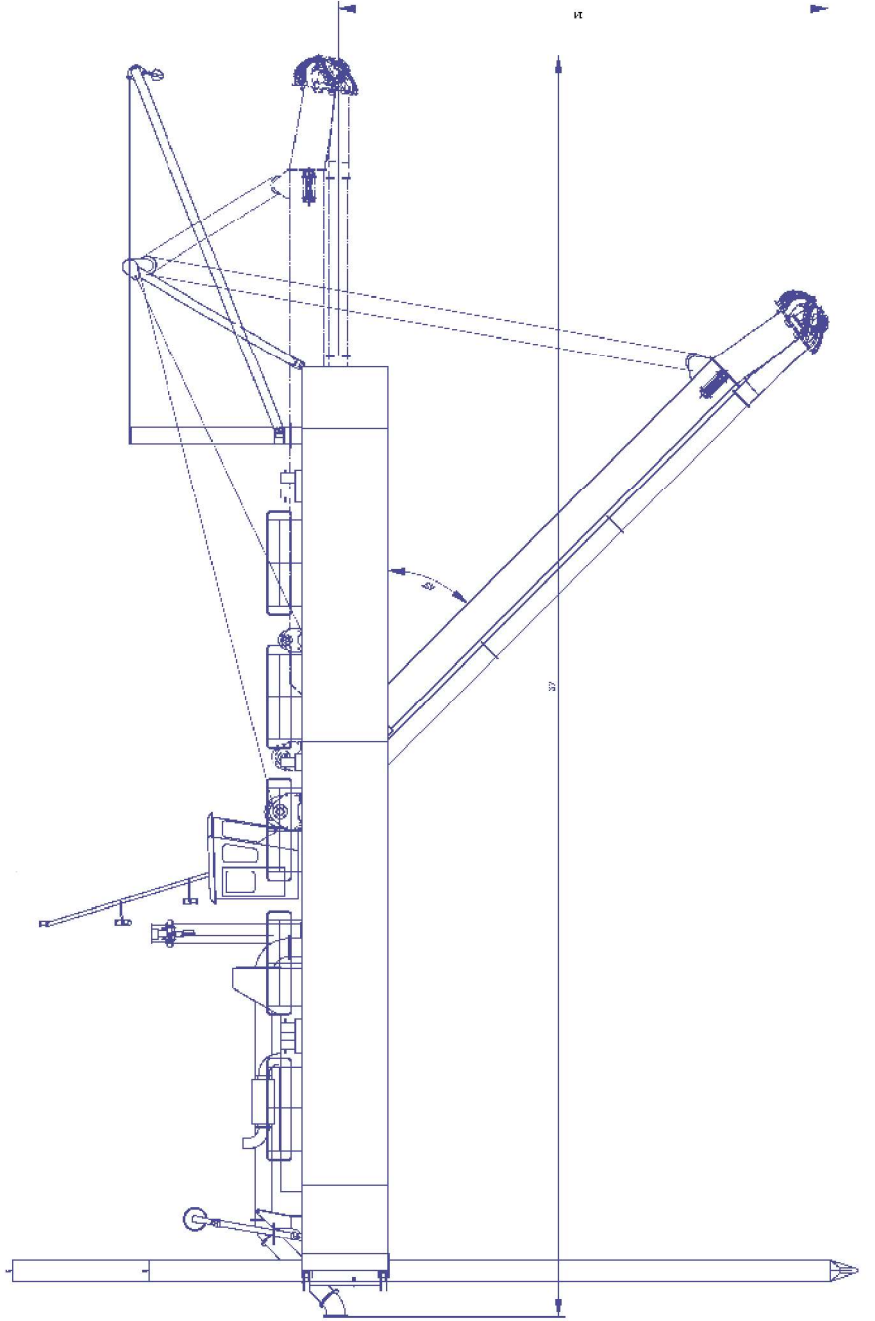
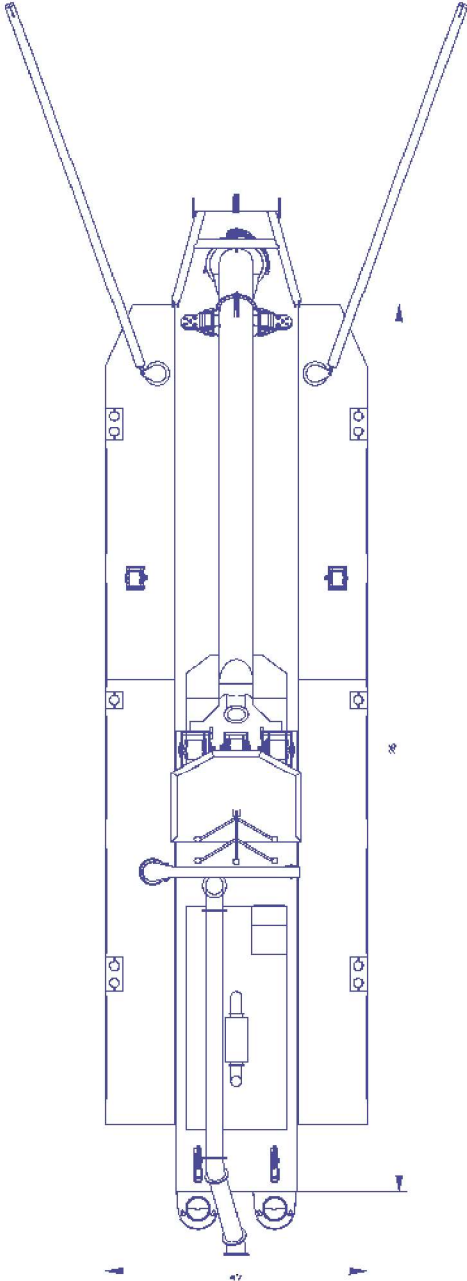
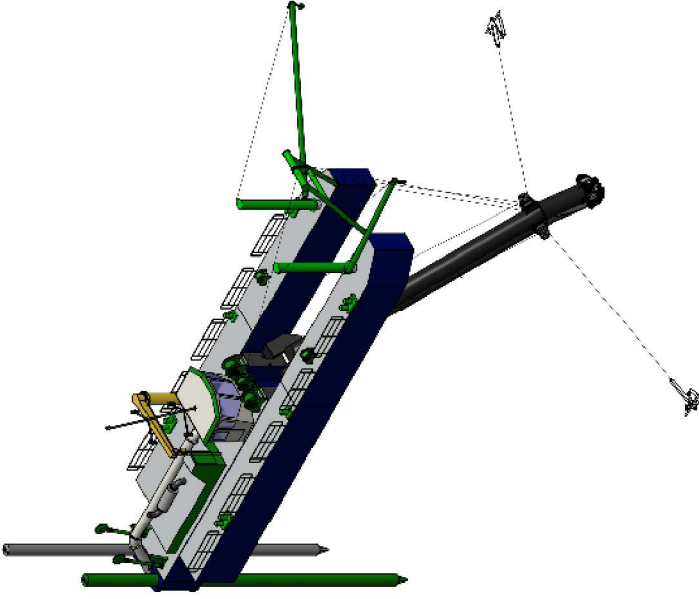
Ladder winch		
Line pull first layer	90	kN
Speed	0..20	m/min
Swing winches (2x)		
Wire pull first layer	90	kN
Speed	0..20	m/min
Anchors (each)	750	kg

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

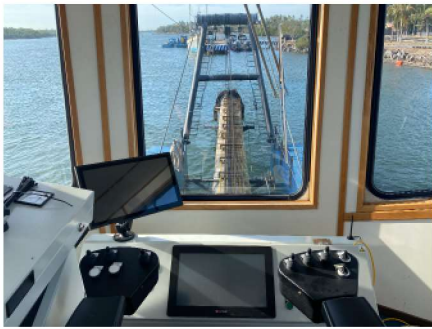


ECT MARINE
PRIME DREDGE 50





Main Engine



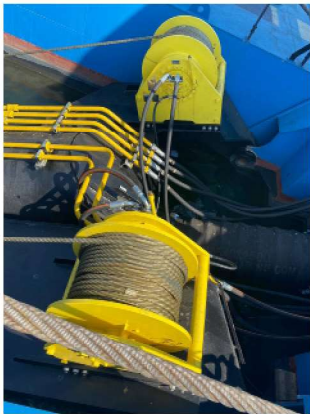
Control Cabine



Dredge Pump



Electrical Control System



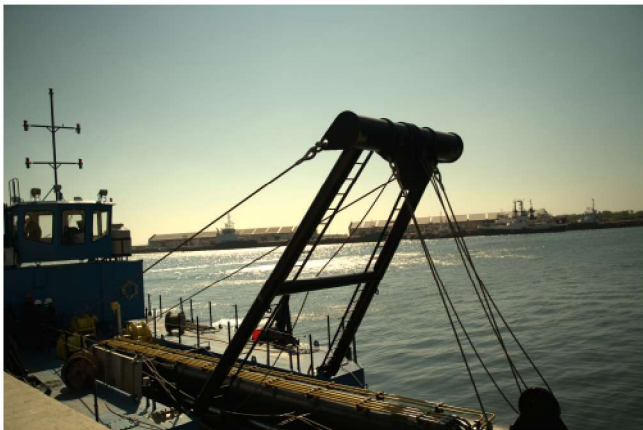
Winches



Gland pump



Electrical System



Gantry



Spud Hoisting System