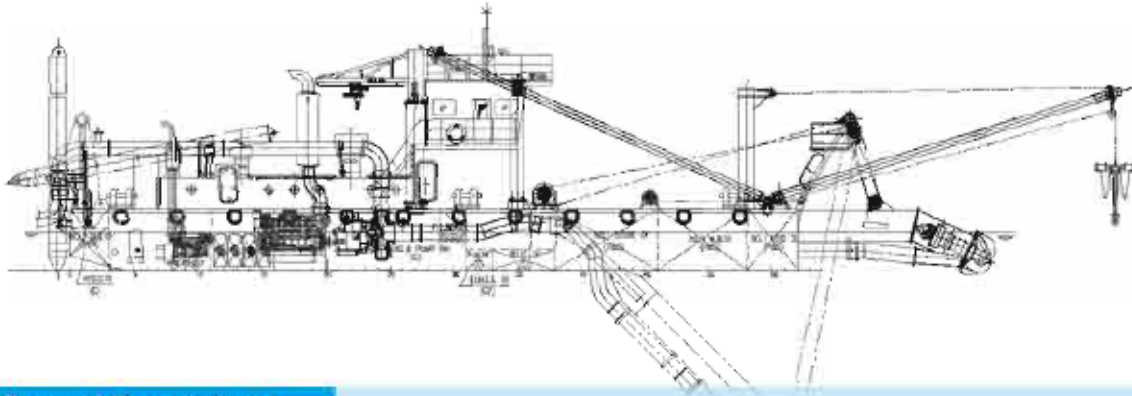




The Information of 18" CUTTER SUCTION DREDGER



General Description:

The vessel is a dismantlable cutter suction dredger of single deck, non-propulsion and full steel welded structure. The main hull consists of central main pontoon and two side pontoons. The engine room casing and deck house above the main deck is to be mounted with main hull through bolt & nut. The vessel is to be operated by one person from the operation cabin.

The dispatch and operation area of the vessel is to be coastal and sheltered areas Inland areas: Class A.

Principal Particulars:

Overall length	39.00m	Length of pontoon	28.50m
Breadth moulded	9.50m	Dredging depth	14.0m
Depth moulded	2.40m	Main pontoon length	19.0m
Design draft	1.25m	No.1 side pontoon length	10.0m
No.2 side pontoon length	18.5m	Frame space	500mm

Main dredging parameters:

Inner diameter of suction pipe and discharge pipe: $\Phi 450\text{mm}$.

Dredging width with 35° swing angle each side: 35m at min. dredging depth
30m at max. dredging depth

Production capacity: The output of dredge pump shall be no less than 450 m³/hour (minimum) at a discharge distance of 1500m at 14.0m dredging depth calculated at a volumetric concentration of 20% and deceive solid grain size of 235-440m.

Classification Society:

Bureau Veritas

Flag:

Bangladesh

Main Engine

Main Generation:

Maker:Caterpillar USA

Maker:Caterpillar USA

Type:3512B

Type:C18

Rating Power:954 kW/1600rpm

Rating Power:372kw

Dredge pump

Crane:Huaiyin- China

Maker:Park USA

Capacity:3.5 tons at 3m arm

Type:VL500-1350