



## **12.4m Workboat**

Boat is a self-propelled Twin Screw workboat of all welded steel construction. The wheel house with all round visibility is situated towards the aft part. The general layout of the compartments are engine room, wheel house crew accommodation and main deck.

Principal details of the Boat are as follows:

Date /Manufacturer: December 14, 2006, Dredging Supply Company Inc., Louisiana, USA

Year of Purchase: 2007 ( as new )

Length: 12.42 m

Breadth: 4.56 m

Depth: 1.8 m

Height Scantling: 6.7m

GRT: 41.45 Tons

NRT: 12.42 Tons

Main Engines: Two (2)Caterpillar, 3406, 6 Cylinders 300 BHP @1800 RPM, coupled to Twin Disc Gear Box, Model No. MG5095SC, Ratio 2. 47: 1

Auxiliary Engine: Kubota Diesel, 11 KW, 50HZ, 60 Amp with Stamford generator

Winch: Fixed Boom (A- Frame) Hydraulic winch, Winch Pull- 8500lb

Crane : Knuckle Style, 360 Degree rotation, Capacity 1914 Kgs @ 1.9m,680 Kgs @ 4.95m with 544 KgsLine Pull

## 600 mm DREDGE SPECIFICATIONS

VESSEL NAME: ROYAL- I

TYPE: NON PROPELLED CUTTER SUCTION DREDGE (ONE MAIN PONTOON & TWO SIDE PONTOON ASSEMBLED WITH SPUDS, LADDER)

DATE/Manufacturer: APRIL 17, 2007, DREDGING SUPPLY COMPANY Inc. LOUISIANA, USA.

LENGTH: 40.56 m

BREADTH: 8.99 m

HULL DEPTH: 2.5 m

MAX. DIGGING DEPTH: 15 m

MIN. DIGGING DEPTH: 1.52 m

MAX SWING WIDTH

@ Minimum digging depth: 56.7 m

@ Maximum digging depth: 45.7 m

DREDGE PUMP METSO 24" SUCTION & DISCHARGE

CUTTER PICK POINT 800 HP, 0-22 RPM

MAIN ENGINE: CATERPILLAR 3516 2,000 HP @ 1,800 RPM

AUXILARY: ONE CATERPILLAR 3508 DITA 1100 HP @ 1800 RPM

MARINE GENERATOR: ONE CATERPILLAR 57 kW

SWING WINCH PULL: PULLMASTER, 75,000 lb.

LADDER WINCH: PULLMASTER. 25,000 lb.

SPUD WINCH: PULLMASTER. 25,000 lb.

DGPS DREDGE NAVIGATION SYSTEM: 1 NO. TRIMBLE, HYDROPRO SOFTWARE

FIRE DETECTION SYSTEM: 1 NO.

VHF RADIO: 1 NO.

LIFE JACKETS: 20 NO.

LIFE BOUYS: 04 Pes (One with Light)

FIRE FIGHTING EQUIPMENTS: 5 X 4.4 Liters DCP