



## CLASSIFICATION

TURK LOYDU, +1A5, K50-For Dredging, HOPPER DREDGER

## DIMENSIONS

Length o.a.(ex. bow coupling)	79.85 m
Length p.p.	72.90 m
Beam moulded	15.00 m
Depth moulded	6.00 m
Design Draught	4.90 m
Deadweight	approx. 2850 tons
Hopper Volume	2018 m <sup>3</sup>

## TANK CAPACITIES

Ballast Water	251 m <sup>3</sup>
Diesel Oil	257 m <sup>3</sup>
Fresh Water	40 m <sup>3</sup>
Lubricating Oil	4 m <sup>3</sup>
Miscellaneous	71 m <sup>3</sup>

## PERFORMANCES

Speed @design draught	11.0 kn
Dredging Depth	20.0 m @45° angle

## PROPULSION SYSTEM

Propulsion Power	2 x 1425 kW
Popellers	2 x 2000 mm, CPP
Fixed Nozzle	Ø2020 mm, L=1m
Bow thruster	1 x 275kW

## DREGDE SYSTEM

Trailing Suction System	
Suction Pipe	DN600
Discharge Pipe	DN600
Unloading Channel	1 row with 3xFlap
Draghead	Universal type width 2 m
Bottom Doors	3 x double doors (4.5 x 3.6)
Dredge Pump	1 x 1250 kW, diesel driven
Jet Water Pump	2 x 150kW, 1500 rpm
Degassing Installation	1 x on suction side of pump
Bow Coupling	DN450
Swell Compansation	3m / 6s

## ELECTRICAL SYSTEM

Networks	440V/230V @60 Hz
Generator Sets	3 x 440V 3ph 60Hz, 200 kWe
Em/Harbour Genset	1 x 440V 3ph 60Hz, 95 kWe

## DECK EQUIPMENT

Anchor winch	2 x electric, 96.5 kN
Capstans	2 x electric, 93 kN
Service Crane	5 ton @ 10 m
Rescue Boat Crane	1.5 ton @ 3.5 m

## ACOMMODATION

Number of Crew	12
Number of Cabin	9