



KONGSBERG



Anchor Handling Vessel
UT 7800 - AHT Large

SHIP DESIGN SOLUTIONS

UT 7800 - AHT Large Anchor Handling Vessel

General

Our family of anchor handling vessels is designed with the latest industry requirements in mind, including the floating wind farm market. The vessels include Kongsberg Maritime's Cross tensioning system for propulsor-free increased pulling capacity, as well as, equipment and arrangements to handle larger dimensions and lengths of chain and rope.

The AHT can be arranged with various fuel and energy source options based on Diesel, HVO and methanol hybrid solutions.

CLASS

Any IACS Class Society

MAIN FEATURES

Length overall	approx. 110,00 m (base vessel)
Breadth, mld	approx. 28,00 m
Draught, maximum	approx. 9,00 m

ACCOMMODATION

Accommodation and equipment for up to 90 persons in 60 cabins.

SPEED and BOLLARD PULL

Service speed approx. 10-12 kn
Bollard pull minimum 300 t

CARGO CAPACITY

Cargo deck area	approx. 1100 m ²
Deadweight at max. draught	approx. 6000 t
Rig chain lockers (gross/net)	approx. 2000/1700 m ³

MISSION EQUIPMENT

Two independant Chain winches
Two Towing/Working winches
One Special handling winch (active heave compensated)
Four Secondary/Rope deployment winches
Longitudinal cross tensioning system
Twin or triple shark jaw/towing pin units
Anchor handling frame
Cargo rail cranes
Optional AHC subsea crane
One or two work class ROV systems

Ship Design Solutions can provide Ship Design alone or integrated system solutions for:

- Propulsion
- Energy Storage
- Power generation
- Integrated Automation
- Bridge
- Deck Machinery