



SPECIFICATION OUTLINE 5150BHP HANDYSIZE ASD TUG

Vessel Developer:
Vessel Name (IMO No.):
Classification Notation:

BV I ✳HULL ✳MACH, AUT-UMS, Tug, Escort Tug, Special Service - Utility Vessel, Fire fighting ship 1, Water spraying, Harbour Operation

Flag:
Year Built: 2019, Ready for delivery

Main Particulars

Length O.A.	30.00 m
Length B.P.	23.10 m
Beam MLD.	12.00 m
Depth MLD.	5.50 m
Berth	12 Ps
Harbour Operation / Escort Draft	3.80 m
Offshore Draft	4.50 m (max)
Trial Speed	~13.00 Kn
GRT	~399 t
NRT	~119 t

Main Capacity

F.O.	~240.00 m ³
F.W.	~70.00 m ³
FiFi foam	10.17 m ³
Spilled Oil dispersant	6.51 m ³
Lube Oil	3.04 m ³

Main Escort/Anchoring Equip.

One set Hydraulic Escort/Towing /Anchor Windlass Winch set

- Anchor weight : 2 × 570 kg
- Diameter of anchor chain : Φ20.5 mm
- Rated hauling speed: 1.8t @ 0~10m/min
- Capacity: Φ100mm × 120m (P.P. Wire) (*)
- Brake Holding: 200t
- Rated pull: 30t @ 0~10 m/min

One set Disc type short towing hook

- SWL: 80t

One set Stern Roller

- Φ0.8m × 3.0m

Main Machinery & Propulsion Unit

Main Engine

- Model 2 × Caterpillar 3516C (IMO Tier II)
- Power 2,575BHP (1920kW) @ 1,600rpm

Marine Gen. Sets

- Model 2 × Caterpillar C7.1 (IMO Tier II)
- Power 150kW / 400V / 50Hz / 3Φ

Harbour Gen. Sets

- Model 1 × Cummins - Onan
- Model 30MXDGBA
- Power 30kW / 380V / 50Hz / 3Φ

ASD Propellers

- Maker Rolls Royce
- Model 2 × US205 P20 FP

Main Pump Sets

- Azcue 1 × 0.5m³/hr

Oily Water Separator

- 1 × 15 persons

Sewage Treatment Plant

- (BV FI-FI 1 class)

External FiFi System

- Maker FFS
- Firefighting Monitor 2 × 1200/300m³/hr (sea water/foam)
- Firefighting Pump 1 × 2760m³/hr @ 115mlc

Lifesaving & FiFi Equip.

- Lifesaving & FiFi equipment which are in compliance with the SOLAS requirements, Hong Kong or flag state's Merchant Shipping Ordinance and class notation requirements
- CO₂ Fire Fighting System as per BV Rules
- Electric Fire Bilge Pump Set ability: 2 × 14m³/hr
- Spilled Oil Dispersant Boom

Main Radio & Nav. Equip.

Radar	1×JRC JMA-5212-6
Echo Sounder	1×JRC JFE-380
Speed Log	1×Yokogawa EML 500
Anemometer	1×RM. YOUNG 06206
GPS	1×JRC JLR-7500
Electric Horn	1×Ibuki ES300
GPS Compass	1×JRC JLR-21
Vertical Standard	
Magnetic Compass	1×CGT-165
Sound Power Tele.	1×12KSL
Public address system	1×KG-1D
AIS	1×JRC JHS-183
Bridge Alarm	1×JIAXING KEXUN KBJ -3
VHF telephone	1×JRC JHS 770S
NAVTEX	1×JRC NCR-333
SART	1×JOTRON TronSart20
EPIRB	1×JOTRON Tron60S
Portable VHF	2×ENDEL HT-649

Air Conditioning System

- Equipped with centralized air conditioner for Wheelhouse, Mess Room, Captain Room and Chief Eng. Room and other crew rooms.
- Equipped split-type air cooler for engine centralized control room.

Cabin & main living facility

- 2×Senior Officer Cabin for single
- 5×Crew Cabin for two men
- 1×Horizontal dual temperature freezer / refrigerator with workbench
- 2×Single head induction Cooker
- 1×Centralized electric water heater 80L
- 1×Track type Wheelhouse chair

(Remarks (*) are as additional items, which are not included in the construction of the actual vessel and furnish. If the buyer of this vessel needs to add these additional items and appoints shipyard to do so, the buyer must additionally pay the fee to the shipyard.)

(Particulars given herein are believed to be correct but not guaranteed. Owners reserve the rights to amend specifications without notification.)