

Greenville 168 / Greenville 126



3,200 BHP / 45 TBP / TWIN SCREW OCEAN GOING TUG

PRINCIPAL PARTICULARS

Year Built	1997
Flag	Singapore
Call Sign	9V5303 / 9V5302
Official Number	387174 / 387173
Classification	ABS + A1, AMS, Unrestricted Service

DIMENSIONS

Length Overall	34.9 m
Length W.L.	33.5 m
Breadth Moulded	10.6 m
Depth Moulded	5.0 m
Draft Designed	4.0 m
GRT	447
NRT	134

PERFORMANCE DATA

Speed	12 knots
Bollard Pull	Approx 45 tons

TANK CAPACITIES

Fuel Capacity	334 m3
Fresh Water	45 m3
Lube Oil	6 m3

MACHINERY & EQUIPMENT

Main Engines	2 x 1600 BHP Yanmar T260A-ET marine diesel engine @ 750 rpm; Reduction gear YC-1400 Ratio 1:3.01
Generator	2 x 99 KW output prime mover Detroit Diesel 4-71. Alternator Leroy Somer; M46.152.400/3/50, 4 wires
Towing Gear	Electric hydraulic towing winch at stern Plimsoll PR-HTW/SD-10T; Brake holding 70t Drum 400 m x 38 mm (SWR). Local & remote control with double warping ends; Towing hook 50T Plimsoll PR-ATH50T local and remote release
Anchor Windlass	Electric Hydraulic Anchor Windlass Plimsoll PR-HAW/GG-24, double gypsies 24 mm U2 chain, brake holding 12.9t double warping ends

MACHINERY & EQUIPMENT (cont'd)

Anchor, Chain Cables	2 x stockless anchors, each 780 kg with 330m x 24 mm dia. steel stud link chain cable with anchor shackles
Mooring	8 mooring ports fitted in the bulwarks, 4 fwd and 4 aft; 4 units heavy duty double cruciform bollards; 4 units double bitts mooring bollards
Steering Gears	Electric steering gear Wagner LB24.0 - 035 - EB2 capacity max torque; 5 T-m over 2 x 35 degree with selector switch for autopilot, FFU forward and aft control
Navigation Equipment	Full GMDSS system, radar, echo sounder, magnetic compass, GPS, navigation lights and shapes, autopilot, gyro compass, searchlights, rudder indicator, anemometer, air horn etc.
Communication Equipment	SSB, VHF, Intercom System, Two-Way Radio, EPIRB, Weather Fax, Public Address, Sound Power Telephone
Air Compressors	2 x 20 m3/hr x 3 MPA c/w motor 5.5 kw
Auxiliary Equipment	GS pumps, bilge pumps FW/SW pressure sets, air blower, air conditioners etc

EXTERNAL FIRE FIGHTING & OIL SPILL EQUIPMENT

Oily Water Separator	0.5 m3/hr @ 2 kg/cm ²
Life Saving/Fire Fighting Equipment	As per SOLAS requirements; Liferrafts, life-buoys, life-jackets, first aid kits, parachute distress signals, boat hooks, oxygen resuscitator, portable fire pump, extinguishers, etc

ACCOMMODATION

Fully air-conditioned and furnished	
2 x 1-man cabin	
3 x 2-men cabin	
1 x 4-men cabin	
Total 12 men	