



ATLANTIC LARCH SPECIFICATION

Z DRIVE REVERSE TRACTOR TUG

REGISTRATION

- Built: East Isle Shipyard Ltd., PEI, Canada
- Flag: Canadian
- Official Number: 821601
- Port of Registry: Saint John, NB, Canada
- Commissioned: 2000

CLASSIFICATION

- Lloyds + 100A1, LMC UMS

DIMENSIONS

- Length, overall: 30.80 m
- Breadth, moulded: 11.14 m
- Depth, moulded: 5.21 m
- Design Draft: 4.78 m
- GRT: 392 t
- NRT: 117 t

PROPULSION

- Engines: 2 x Caterpillar 3516 B
- Z-Drives: 2 x Aquamaster, US 1701
- Generators: 2 x CAT 3306, 165 kW, Diesel Generators, 440v - 60cy -165 kW
- Economical Speed: 10 knots
(Maximum Speed: 12-13 knots)
- BHp: 4004 Hp
- Bollard Pull: 51.8 t

DECK MACHINERY

- Line Winch: Ridderinkhof TW, Single Drum Self Spooling, Electric 400 ft of 3-1/4" Spectra, Mid-Drum Brake, 108 T, Tension Meter, Warping Head STBD
- Tow Winch: Ridderinkhof Single Drum, 2500' of 2" wire, 109 t max hold
- Rescue Boat and Davit

CAPACITIES

- Deck Cargo: 80 t
- Potable Water: 19.3 t
- Fuel: 271 t



ELECTRONICS

- 1 Control Station, Auto Pilot
- 2 Radars, Gyro Compass
- VHF radio
- GMDSS area 1
- GPS
- INMARSAT C

SPECIAL FEATURES

- Two independent power trains
- Two independent generating plants with automatic changeover
- Battery power back-up sufficient for six hours
- Man overboard recovery system

Z-DRIVE

- Exceptional maneuverability
- Control over tug positions and direction is highly accurate
- Thrust is almost equal over 360/4
- Tugs can rapidly change from "push" to "pull" mode
- Risk of girting eliminated
- High speed with effective thrust on the side of the moving ship

ACCOMMODATION

- 7 total

Specifications are subject to change without notification.