



ROYAL
WAGENBORG



WATERLINES

80TBP ASD TUGS

Waterlines 2020

Particulars believed to be correct, but not guaranteed.

GENERAL

Name Waterlines
 Owner Wagenborg Towage
 Type RAstar 3200W Class tugboat
 Classification Bureau Veritas 1X Hull Mach, Fi-Fi 1 with Water Spray, AUT-UMS, Escort Tug, (design maximum steering force = 70 t, design maximum braking force = 120 t, design maximum escort speed = 10 kn), InWaterSurvey, Unrestricted Navigation, GMDSS Navigation Area A1 + A2
 Call sign PFAN
 IMO 9881770
 Port of Registry Delfzijl, The Netherlands
 Flag Dutch
 Built 2020

MAIN DIMENSIONS

LOA 32,00 m
 BOA 13,20 m
 Depth (mld.) 5,49 m
 Draught (mld.) 6,13 m
 GT 498

PERFORMANCE

Bollard Pull max 80 t
 Speed 13,0 kts

TANK CAPACITIES

Fuel Oil 204,8 m³
 Fresh Water 39,8 m³
 Fi-Fi Foam 12,5 m³

COMPLEMENT

Crew 8 persons (+ 2 spare)
 Cabins 1x master, 1x officer, 4x Crew (2beds)
 Galley, Mess, Day-room, Laundry

MAIN EQUIPMENT

Main Engines 2x Caterpillar 3516C
 Power 2x 2.350kW@1800rpm
 Thruster 2x KONGSBERG Maritime (ROLLS ROYCE)/ US 255S P30 FP, Propeller dia. 2800 mm.
 Generator 2x Caterpillar C7.1, 118kWe, 148 kVa, 3x400V, 50Hz @1500 rpm

DECK EQUIPMENT

Towing winch DMT ESCORT TOWING WINCH, /
 Type: ETW-H1500Kn
 Aft towing winch DMT AFT TOWING WINCH, /
 Type: TW 011-H300kN
 Anchor 2xYAPAS ZINCIR / HHPYP-14, 495 Kg
 Anchor capstan DMT ANCHOR CAPSTAN /
 Type: ACH-22K2

EXTERNAL FIRE FIGHTING SYSTEM

MARSIS EFF-1 External Fire Fighting System
 1 off CAT C32 Diesel Engine,
 1193 kW @ 1800 RPM
 1 off fire fighting pump type SNT - 300/550,
 2 off remote operated water/foam monitor MARSIS MF20-EF,
 1 off foam system, 1 off external water spray system

