

OFFSHORE VESSELS AHTS 80T



Class

BV Class + Hull + Mach, Supply Vessel,
Unrestricted Navigation, Fire Fighting ship, 1
Water spray, DYNAPOS AM/AT (class I), +AUT-
UMS

Optional : Special Service/Standby Rescue
Vessel

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| Main Dimensions Length Overall : 64,8m Depth Main Deck : 5,8m Breadth moulded : 16,0m Max. Draft : 4,9m Deadweight at max. draft : 1800t Bollard Pull : 80t Gross Tonnage : >2000 | | Capacities (approx) & Pumps : Cargo deck area : (33x13m) @5mt/m ² 420m ² Deck Cargo : (at 0,9m above deck) 800t Water Ballast/Drill Water : 1x120m ³ /h at 7 bar 464m ³ Fuel Oil Cargo : 1x120m ³ /h at 7 bar 607m ³ Fresh Water : 1x120m ³ /h at 7 bar 446m ³ Liquid Mud/Brine : 1x120m ³ /h at 7 bar 392m ³ Liquid Mud tanks are designed for products up to 2,5sg and are equipped with agitators and circulation | |
| Performance (approx) : Consumption : 30m ³ /day at 14 knots (maxi speed 100%) 25m ³ /day at 12 knots (service speed 80%) 15m ³ /day at 9 knots (economic speed 50%) | | Chain locker/Brine/Mud : 112m ³ Dispersant : 20m ³ Foam : 18m ³ Bulk Cement : (4 tanks-sg 2,35-2 products) 170m ³ 2 air compressors 2x20m ³ /min at 5,6 | |
| Machinery / Propulsion Main Engines : 2x2640kW, MAK (total 5280kW=7183hp) Propellers : 2 type CP, dia. 2900mm in nozzles Rudders : 2 high lift flap type Shaft Generators : 2x1600kVA at 1800rpm, 3x450V/60Hz Auxiliary Generators : 2x440kVA at 1800rpm, 3x450V/60Hz Emergency Generator : 1x110kVA at 1800rpm, 3x450V/60Hz Thrusters : Bow thrusters : 2x500kW tunnel, electrically driven with CPP Stern thruster : 1x500kW tunnel, electrically driven with CPP | | Electronics : Navigation : 2 radars, 1 gyrocompass, 1 magnetic compass, 1 digital echo 1 speed log 1 autopilot system 1 GPS Communication : 1 radio system compliant with GMDSS A3 rules including : 1 SSB duplex DSC 2 Inmarsat C 2 VHF EPIRB Sart Navtex 1 Iridium system 1 Inmarsat F Email and on-board computer network automatic exchange telephone system with facilities in each room | |
| Accommodation: 28 persons. Towing/Anchor Handling Winch Main Winch : 1 electro-hydraulic high pressure winch composed of 2 declutchable drums in waterfall arrangement each equipped with : drum size : dia. 900/2090mm x 1800mm length drum capacity : 1500m of 2 1/4" steel wire rope brake holding load : 225t on 1st layer rated pull : 150t on 1st layer at 0-8,4m/min auto spooling device for Anchor Handling Drum (2 drums) 2 cable lifters 3" and 2 1/2" Windlass : 1 combined mooring and windlass winch | | Special Equipment : Standby rescue equipment for 150 survivors (optional) Life saving arrangement : 1 MOB (rescue boat) with davit life rafts with equipment lifebuoys, life jackets FIFI 1 : 2400m ³ /h (remote controlled from wheelhouse) 2 water monitor 1200m ³ /h at 12 bars (with foam capacity 300m ³ /h) Pumps : 2x1500m ³ /h at 14 bars each Deluge system Pushing rubber bow fender Dynamic Positioning System DP2 complies with class notation DYNAPOS AM/AT (class 1) system allowing : dynamic positioning, automatic speed control Reference system : 1 DGPS Sensors : 1 gyrocompass; 1 wind | |
| Storage reel : 1 electro-hydraulic unit with 1 drum pull at 1st layer : 12t at 0-18m/min drum capacity : 1500m of 2 1/4" dia. wire drum size : 800/2200mm dia. X 1500mm length Stern Roller : 1x250mt SWL, Dia. 1500mm Length 4000mm Towing Pins : 1 pair of vertical/retractable type 200t SWL Shark Jaws : 2 of 250t SWL Tuggers : 2 x 10t at 25m/min Capstans : 2 x 10t at 14m/min Deck Provisions crane : 1,7t at 14m | | | |