

MS Trønderbas



MS Trønderbas – 68,25 m Purse Seiner/Trawler. Delivered in June 1999 by West Contractors AS, Ølensvåg, Norway as yard no. 18 to Trønderbas KS, Rørvik, Norway. The design is by Vik & Sandvik AS, Fitjar, Norway. The vessel is built for purse seining and pelagic trawling and carriage of the fish in RSW chilled holds.

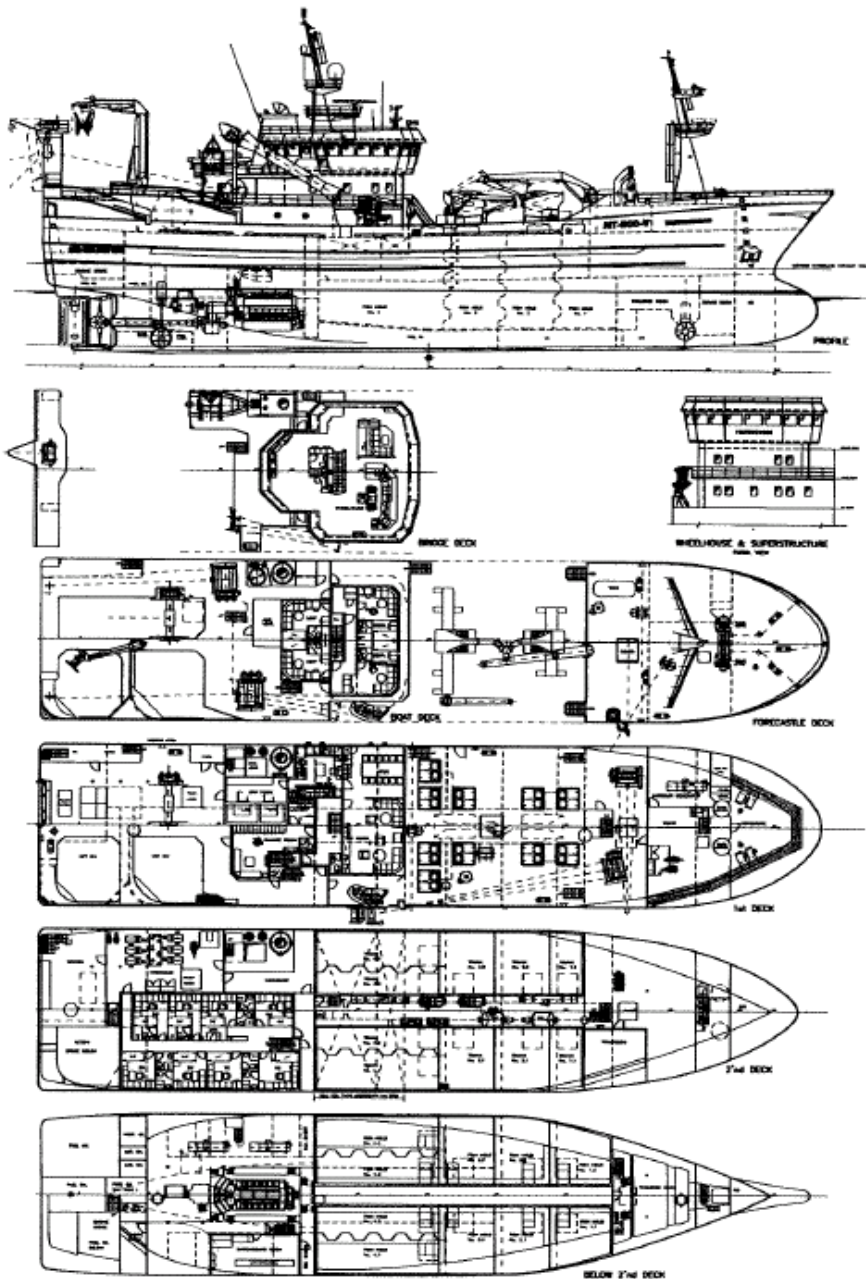
Principal particulars

| | |
|--------------------------------|--------------------------------|
| Length o.a.: | 68,25,00 m |
| Length p.p: | 60,00 m |
| Breadth mid: | 14,00 m |
| Depth to 1st deck: | 9,65 m |
| Depth to 2 nd deck: | 5,80 m |
| Gross tonnage: | 846 BRT |
| Speed: | 19 knots |
| Class: | DNV +1A1 Fishing vessel, ICE C |

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Propulsion Systems

| | |
|-------------------|---------------------------|
| Main Engine: | Wärtsilä 12V32 – 7.500 HP |
| Gear: | Valmet M1CV840 |
| Propeller system: | Wichmann PR108/41 |
| Propell/nozzle: | FN 3800/50 |
| Shaft generator: | Leroy Somer – 2.000 kW |

Aux. engines

| | |
|--------------------|---------------------|
| Make: | Caterpillar |
| Main generators: | 2 x 3412TC – 590 kW |
| Harbour generator: | 1 x 3412TC – 590 kW |

Sidetrusters

| | |
|-------|-------------------------|
| Make: | Brunvoll |
| Fwd: | FU-63-LTC-1550 – 800 HP |
| Aft: | FU-63-LTC-1550 – 800 HP |

Electronical equipment

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|-------------------------|--|
| Radar A: | Furuno FAR-2835 Arpa |
| Radar B: | Furuno FR-2115 |
| Navigator: | 2 x Furuno GP-80 - DGPS |
| Chart plotter: | TEL chart 2023 |
| Autopilot: | Robertson AP-9 MK3 and AP45 |
| Gyrocompass: | Robertson RGC-11 |
| Sonar 1: | Furuno CSH-84 |
| Sonar 2: | Simrad SP-270 |
| Trawl Sonar: | Simrad FS-903 |
| Echo Sounders: | 2 x Simrad ES-60 |
| Log: | Furuno Dopplerlog/Tideindicator CI-60G |
| Catch sensor: | Simrad FA701 and ITI MK II C |
| Depth sensor: | Simrad ITI MK II C |
| 3MDSS station: | Furuno A3P GMDSS |
| Weatherfax/Navtex: | Furuno NX-500 |
| Radio direction finder: | Taiyo TDL – TDL-1550A |
| Cellphones/fax: | Benefon and phoncell/Brother 10 |
| Sat Phone/fax: | Nera World Phone |
| Inboard Phone System: | Erifox |
| HF Stations: | Furuno |
| Intercom: | Phontech |
| Sat TV: | Sea-Tel |
| Network: | PC-systems |

Ship systems

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|----------------------------|--|
| O. and L.O. separators: | Alfa Laval |
| Air Compressors: | 2 x Sperre HLF/105 |
| Waste water separator: | Helisep 1000 |
| Vent./AC-arrangement: | Delivered by Johnsen Maritime AS |
| Paints: | Nyborg |
| Ventilation plant: | Covent |
| Engine room CO2 plant: | Alf Lea & Co. |
| Main alarm system: | Steinco |
| Life boat: | Weedo 17 |
| Life rafts: | 4 x 16 men |
| Ballast monitoring system: | Ulstein peilo |
| Navigation Lights: | Tranberg |
| Searchlights: | 1 x remote controlled, 1 x manual controlled |
| Fire Alarm: | Eliteck |
| Ladder: | Becker flap rudder |
| Steering gear: | Ulstein Tennford SR-662 |
| Switchboard: | 440V / 60Hz – ABB |
| ISW plant: | MMC Fodema, 2 x 800,000 kcal/h |
| Vacuum pump system: | MMC Vectura, 2 x 2500HT Twin Pack |
| Ozone System: | 2 x Ozotech 88-97 |

Capacities

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|----------------|-------------------|
| Fuel oil: | 458m ³ |
| Fresh water: | 98m ³ |
| Accommodation: | 14 men |

Deck equipment

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|----------------------|---|
| Deck crane fwd: | SM Triplex, KN-50/ 0/85/35/30 |
| Deck Crane mid-ship: | SM Triplex, KN-16/2.0/50/30/15 |
| Net crane aft: | SM Triplex, KN-5012/TRH93 – 4 t |
| Netwinch: | SM Triplex, 840/500/TSN – 18,5 t |
| Trawl winches: | Rapp Hydema 2 x TWS-22040-92.09 – 80,4 t |
| Purse seine winches: | Rapp Hydema 2 x TWS-3030C-20.20 – 32,5 t |
| Net drum: | Rapp Hydema ND-11000B-58.03 – 50 t |
| Net sounder winch: | Rapp hydema SOW-500-2,47 – 4 t |
| Windlass: | Rapp Hydema AMW- 38/10-8.5/101 – 7,5 t |
| Aux. Winch: | Rapp Hydema LBW-2000-5.89 – 9,6 t |
| Fish pump: | Rapp Hydema CP 2005-RH-16+ |
| Mooring winches: | Rapp Hydema 2 x GW-680B-3,37 – 6,8 t |
| Capstan: | Rapp Hydema HC-3CH = 3,0 t |