



#### Dimensions:

Length o.a.	: 28.00 m
Breadth mid.	: 12.50 m
Depth 1/2 L	: 3.65 m
Draught min.	: 1.90 m
Draught max.	: 2.30 m
Free deck space	: 215.00 m <sup>2</sup>
Max. deckload	: 10.00 t/m <sup>2</sup>

#### Tank capacities:

Fuel oil cargo	: 125.00 m <sup>3</sup>
Fuel oil own use	: 13.00 m <sup>3</sup>
Fresh water	: 60.00 m <sup>3</sup>
Lub oil	: 2.50 m <sup>3</sup>
Hydraulic oil	: 2.50 m <sup>3</sup>
Dirty oil	: 2.00 m <sup>3</sup>
Bilge water	: 2.50 m <sup>3</sup>
Grey water	: 10.00 m <sup>3</sup>
Ballast water	: 52.00 m <sup>3</sup>

#### Propulsion system:

Main engines	: 3 x Cummins KTA-19M3
Total output	: 1920 bhp
Gearboxes	: 3 x Reintjes WAF 364L 4.92 : 1
Propulsion	: 3 x f.p. propellers in S-Hodi® nozzles 3 x Ø 1550 mm
Bowthruster	: 350 hp hydraulically driven 360°

#### Performances:

Speed	: 11.0 knots
Bollard Pull	: 29 tons

#### Auxiliary systems:

Generator sets	: 2 x Cummins 6 BT5.9D 80 kVA (1 Silenced) Both sets deliver 220/380 V – 50 Hz
Hydraulic power	: Cummins KTA-19M3 640 bhp
Transfer pumps	: Fuel & fresh water 50 m <sup>3</sup> /hr, including Transfer hoses on reels and indicators
Air compressor	: with connections on deck/store/ER

#### Deck equipment:

Deck crane fore	: HS Marine Crane AKC-370 HE2. Lifting 20.10 tons @ 13.10 m
Deck crane aft	: HS Marine Crane AKC-370 HE2. Lifting 20.10 tons @ 13.10 m Both cranes remote controlled
Anchor-handling winch	: 100 m x Ø 56 mm; 100 tons pull, 150 tons hold capacity
Towing (tugger) winch	: 600 m x Ø 36 mm; 40 tons pull, 100 tons hold capacity
Tugger winches	: 2 x 75 m x Ø 20 mm; 8 tons pull
Guide pins	: 2 x hydraulically controlled; 150 tons SWL
Towing hook fore	: 2 x Mampaey 15 tons
Bow roller	: 6000 x 1200 mm; 150 tons SWL
Stern roller	: 3000 x 1200 mm; 150 tons SWL
Spud poles	: 2 x Ø 600 mm, 15 m length
Moonpool	: Ø 1000 mm

#### Accommodation:

Comfortable accommodation for 7 persons in 4 cabins. All cabins, galley and wheelhouse are heated and air conditioned. Safety equipment on board for transport of max. 16 persons.

#### Nautical equipment: equipped for area A3

Radar systems	: Furuno FAR-2117 / Furuno FR 8062
Compass	: Furuno SC-120 / Cassens & Plath, Reflecta 4
Comm. equipment	: 2 x Sailor RT-5022 VHF-DSC 1 x Sailor HC-4500 SSB 2 x Furuno Felcom 15 Inmarsat-C 1 x Sailor SC-4000 Iridium phone
Echosounder	: Furuno FE-700
D-GPS	: Furuno GP-150
Auto-pilot	: Seapilot 75
Navtex	: Furuno NX-700
Chartplotter	: Transas Tsunamis Navigator Pro
Searchlights	: 2 x Seematz 1000 & 2000 W

#### Classification:

Bureau Veritas I★Hull • Mach Tug Unrestricted Navigation AUT-UMS

