

1.3 Main components

Main engines	2 x MTU 16 V 4000 M 90 2750 kW at 2100 rpm
Marine gears	2 x ZF BW 7550 (ratio = 2.241:1)
Propulsion system	2 x KAMEWA 71 S II
Generators	2 x KOHLER 70EFOZ 400 V 50 Hz 70 kW
Bilge/firefighting/washdown pump (AC)	GIANNESCHI ACM 50I BT 400 V 3-phase
Bilge/firefighting/washdown pump (DC)	GIANNESCHI ACM 50I BT 24 V DC
Automatic bilge pumps	2 x GIANNESCHI MINISUB 24 V DC
Fuel cleaning system	ALFA LAVAL MAB 104 400 V 3-phase
ALFA LAVAL tank drain pump	GIANNESCHI ACB 6I 230 V 1-phase
Oil change pump	GIANNESCHI FQ 25 230 V 1-phase
Fuel transfer pump	GIANNESCHI ACB 80 400 V triple-phase
Black/grey water treatment system	HAMANN MINICOMPACT 400 V 3-phase
Engine room blowers/extractors	6 x GIANNESCHI ELL/R 560 400 V 3-phase reversible
Freshwater pressure pumps	2 x GIANNESCHI JET 518 400 V 3-phase
Hot water circulation pump	GIANNESCHI Z 25 230 V 1-phase
Silver-ion sterilizer	IDROMAR
Portable pump	GIANNESCHI BMA 40
Blackwater tank drain pump	GIANNESCHI ECO MV 44 400 V 3-phase
Air conditioning system	FRIG IT 400 V 3-phase
Desalinators	2 x IDROMAR MC5 DX 230 L/h 400 V 3-phase
Sterilizer	IDROMAR SH 6000 230 V 1-phase
Toilets	TECMA
Water heaters	3 x GIANNESCHI 120 litres 400 V 3-phase
Battery charger	DOLPHIN 24 V 50/100 A
Generator battery charger	DOLPHIN 24 V 20 A
Emergency battery charger	DOLPHIN 24 V 30 A
Main engine starter battery capacity	2 x 24 V 220 Ah
Generator starter battery capacity	2 x 24 V 60 Ah
MTU battery capacity (normal power supply)	24 V 110 Ah
MTU battery capacity (emergency power supply)	24 V 110 Ah
Emergency battery capacity	24 V 156 Ah
Anchors	2 x SEC SHHP 212 kg (galvanized)
Anchor chains	2 x D 16 mm POSIDONIA 140 metres with spring
Windlasses	2 x MAXWELL VWC 600 4.4 kW 400 V 3-phase
Warping winches	2 x MAXWELL VC 3 kW 400 V 3-phase
Main engine fuel separator filters	SEPAR SWK/2000/40/UMS
Generator fuel separator filters	SEPAR SWK/2000/5/MK
Hydraulic module for steering and autopilot	KAMEWA
Multifunction hydraulic module for aft hatch, gangway and swimming ladder	SANGUINETI CHIAVARI 400 V 3-phase 5 kW
Hydraulic modules for waterbike hoists	2 x BESENZONI 400 V 3-phase 3 kW
Bow thruster	AMERICAN BOW THRUSTER 400 V 3-phase 45 kW 16" TRAC SERIES