

ECO 70 SC



Length overall	20.62 m	Crew	3
Beam	6.50 m	Passengers	15 with cabins for 8
Max Draft	1.70 m	Hull/Superstructure	Aluminium
Engines	2 x 255 bhp	Displacement	60 tons
Fuel capacity	7 340 lts	Speed at full load	11 kts
Fresh water capacity	3 260 lts	Range	1400nm @ 8 knots

Type of missions:

Hydrographic operations
Oceanographic operations
Diving operations

Material quality:

Hull, decks and superstructures in approved seawater resistant aluminium

Classification:

Bureau Veritas : I Maltese Cross • Mach

Propulsion:

Two CUMMINS engines type 6CTA 8.3M rated 255 hp @ 1800 rpm
Two TWIN DISC MG5091SC gearboxes
Two fixed pitch propellers

Generators:

One 40 KVa/50Hz generator set ONAN
One 28KVa/50Hz belt driven alternator

Bowthruster:

One TORKMASTER PH25 hydraulic bowthruster

Crane/Winches:

One hydraulic deck crane 7m/1t
One hydraulic CTD winch 5000m/6.53mm
One hydraulic general service winch 500m/12mm

Work deck/Specific rooms:

Aft work deck : 36m²
Wet laboratory : 12 m²
Dry laboratory : 7 m²

Navigation aids:

One radar 48mn FURUNO 1932
One depth-sounder FURUNO FCV 1100L
One automatic pilot SIMRAD AP50
One GPS FURUNO GP32
One navigation station ST60
One GMDSS A1 communication package

Scientific equipment:

One EM3002 multi beam echosounder 300kHz
One EA400 single beam echosounder 38/200kHz
One scientific network
One RDI ADCP
One SEAPATH 200RTK GPS and RTK
One SVP sound velocity profiler
One rosetta for hydrology

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