



SHIP'S BASIC

Owner	Federal Republic of Germany, represented by the Federal Ministry for Education and Research
Operator	German Research Fleet Coordination Centre Hamburg/Germany
Managing owner	Briese Schiffahrts GmbH & Co. KG RESEARCH
Flag	Federal Republic of Germany
Built	1985/86 at Schlichting Werft, Travemünde
Type	Multipurpose Research Vessel
Classification	GL+100 A5 E2 + MC AUT

Propulsion type	diesel electric, LDW
Output propulsion	2x 1150 KW; total 2300KW
Thruster	retractable thruster HRP 6011 PT 1100 KW

DIMENSIONS AND MAIN DATA

Tonnage	4280 GT / 1284 NT
Length o.a.	97,50 m Length pp 90,00 m
Beam	16,50 m
Draught	5,61 m
Service speed	abt. 12 kn
Range	10.000 nm
Endurance	50 days

PROPULSION / MAIN ENGINE

Main Engines	4 x MAK 6M332
Output Main Engines	4x 1000 KW; total 4000 KW

Navigational System

GPS, GPS attitude sensor (Seapath 320 / MRU5), radio-direction finder, 2 x RADARs, 2 x gyro compass, ECDIS

Acoustic Equipment

Multibeam echosounder (Kongsberg EM122, Kongsberg EM710), sediment echosounder (Teledyne Reason ParaSound P70), Pinger receiver

Accommodation

34 crewmember and max. 30 scientists

Lifting Gear

Stern A-frame, 3 auxiliary cranes, 1 provision crane, jibboom, corer handling device, side gallow

Laboratories and scientific rooms

20 laboratories on the main deck with approx. 400 sqm working space for multidisciplinary research in marine geology, geophysics, meteorology, oceanography, climatology, fishery, ecology, and hydro-chemistry.

