



VARD 9 203  
Polar Icebreaker

**VARD**™  
a Fincantieri company

- The VARD 9 203 is an Antarctic vessel designed for the Chilean Navy to perform multiple missions operating in the Antarctic Polar Circle. The missions include logistics support, search and rescue, and scientific research vessel.



Photo Credit: Armada de Chile

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#### PRINCIPAL PARTICULARS

Length overall ..... 109.8 m  
Beam ..... 21.0 m  
Depth ..... 10.6 m  
Draft ..... 7.2 m  
Complement ..... 120 people

#### PERFORMANCE

Speed ..... 3.0 kn, 1.0 m ice | 16.0 kn water  
Range ..... 14,000 nm  
Endurance ..... 60 days  
Installed power ..... 9,000 kW

#### CLASS

LR ✕100A1 Research/Supply Ship, Ice Class (PC5), IWS, ✕LMC, UMS, DP(AM)

#### CAPACITIES

Fuel oil ..... 2,202 m<sup>3</sup>  
Fresh water ..... 153 m<sup>3</sup>  
Water ballast ..... 1,885 m<sup>3</sup>

#### AVIATION

Heli-fuel ..... 86 m<sup>3</sup>  
Hangar ..... 2 x medium lift  
Medium lift helicopter ..... Super Puma AS332L

#### MAIN MACHINERY

Main engines ..... 2 x 4,700 kW | 2 x 1,865 kW  
Bow thruster ..... 1 x 2,000 kW  
Emergency generator ..... 1 x 500 kW

#### LIFESAVING EQUIPMENT

4 x 16 persons inflatable liferafts  
2 x 67 persons fully enclosed lifeboats  
SOLAS compliant

#### SCIENCE EQUIPMENT

10 MT capacity aft A-frame  
10.0 m core capacity coring boom

#### DECK MACHINERY

2 x 20 MT @ 20.0 m cargo cranes  
2 x 10 MT geophysical winch  
4 MT towing winch  
5 MT Gilson winch

4.6 MT CTD winch  
6 MT CTD davit  
3 MT T-davit  
2 x 7.4 m work boat davits

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