

Landing Ship Transport 100

LST 100



General

Yard number	FF4008
Basic functions	Amphibious operations Transport and logistics
Secondary tasks	Maritime security operations Humanitarian aid Disaster relief Search and Rescue (SAR) Operations Command Mine Counter Measure (MCM) Hydrographic survey operations and support
Classification	Bureau Veritas *Hull *Mach Ro-Ro cargo ship Unrestricted navigation *AUT-UMS / Strengthbottom

Dimensions

Length o.a.	100,00 m
Beam o.a.	16,00 m
Depth at sides	8.00 m
Draught aft	3.50-3.85 m
Deadweight	900-1400 tonnes

Performance

Speed	15 kn
Range @ 13 kn	>4000 nm
Endurance	15 days at sea

Propulsion system

Propulsion system	Diesel-mechanical
Propulsion engines	2 x Caterpillar 3516-C (1800 rpm, 2350 bkW)
Propellers	2 x CPP High Performance Nozzle
Bow thrusters	2 x FPP

Transport capacity

Flight deck	1 x medium size helicopter (NH-90 o.e.)
RoRo space	575 m ²
Cargo deck	440 m ²
Supply stores	250 m ²
Ammunition	35 m ²

Accommodation

Crew	18
Additional personnel	14
Troops / EMF officers	16
Troops / EMF	234

Auxiliary equipment

Generator sets	3 x Caterpillar C18, 3 x 601 kW
Emergency/beaching generator sets	1 x Caterpillar C18, 1 x 601 kW

Equipment (standard)

Bow door	70 t capable
Bow ramp	70 t capable
Stern ramp	70 t capable

Equipment (optional)

Cargo crane	25 t
Hoistable ramp	30 t capable
Provisions crane	1.5 t
4 x Davit with landing craft	
Ammunition elevator	
Ballast Water Treatment system	

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