



DAMEN SHIPYARDS DEN HELDER LANDING CRAFT UTILITY "LCU"

GENERAL

Damen Shipyards Den Helder has delivered a series of five Landing Craft Utilities (LCU) for the Royal Netherlands Navy. A prototype had been delivered and tested in 1998; four modified LCU's followed in 1999.

The LCU's are primarily used for amphibious operations with the Landing Platform Dock of RNLN, HNLMS Rotterdam. The main task of the LCU's is to transport various vehicles, such as Land-rovers, BV206s, main battle tanks and trucks, between LPD and beachhead. The maximum loading capacity is 65 Tonnes.

The landing craft can be loaded and unloaded by means of a roll-on /roll off (drive through) system using the large bow- and stern ramps. It is also possible to transport a number of 130 marines on deck, using a specially designed inflatable canopy, covering the total deck area.

The LCU's have a diesel-electric system for propulsion. Two electric motor driven Schottel pumpjets are placed forward and aft. The electric motors are powered by two Caterpillar 3412C DI-T generator sets of 459 kW each, giving the vessel a maximum speed of approximately 11 knots.

DIMENSIONS

Length o.a.	36.60 m
Beam	6.80 m
Draught	1.25 m
Deadweight	8000 tonnes

PERFORMANCE

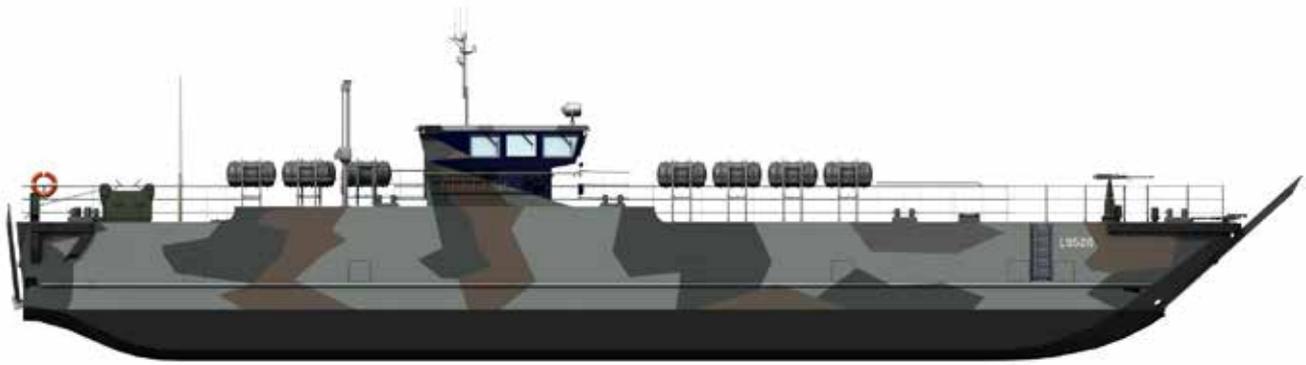
Speed	11 knots
Range	200 nm

PROPULSION

2x Diesel Engines Caterpillar 3412C-DI-T 459 kW
2x Schottel SPJ82 pumpjet
Bow ramp and Stern ramp.
Anchoring- and recovery winch systems

SENSORS, WEAPONS & COMMUNICATIONS

The landing craft is fitted with a wide range of Sensors & Communications.
2x .50" Heavy Machine Guns.



DAMEN SHIPYARDS DEN HELDER

LANDING CRAFT UTILITY "LCU"

DAMEN

DAMEN SHIPYARDS DEN HELDER

Member of the DAMEN SHIPYARDS GROUP



Zwarte Pad 1
1781 AH Den Helder

P.O. Box 114
1780 AC Den Helder

phone +31 (0)223 61 66 41
fax +31 (0)223 61 53 91

info@damendenhelder.nl
www.damen.com