

# Logistic Support Boat



The RTK Marine Logistic Support Boat (LSB) was designed and developed to give the British Forces a multi-purpose craft for a wide range of military duties in riverine and coastal operations. The result is a highly versatile 9.0m asymmetric catamaran which is both a high speed, general purpose workboat and a powerful bridging tug with a bollard pull of 16 KNewtons.

The LSB is designed and built to Lloyds standards and meets the requirements of the UK MCA Workboat Code. It is NATO codified and backed with a logistic support package developed from a comprehensive accessibility, reliability and maintainability study and full safety case appraisal.

As a bridging tug, the LSB is used to push, tow, position and anchor bridging and river crossing equipment such as the M3 floating bridge and bridging pontoons.

In coastal amphibious support operations, the LSB assists with the launch, recovery and towing of flexible barge systems and tactical fuel handling equipment as well as the towing and anchoring of MEXE floats in the construction of ship to shore pipelines.

The LSB is also used to transport engineer stores and personnel and as a diving tender or waterborne working platform for construction and demolition tasks. The water jet drives make the craft inherently safe with no underwater moving parts.



*The LSB is based on a modern, efficient asymmetric catamaran hull form (top)*

*The LSB positioning bridging equipment with the British Army (above)*



*The ramped version of the LSB deploying a personnel stores and vehicles*

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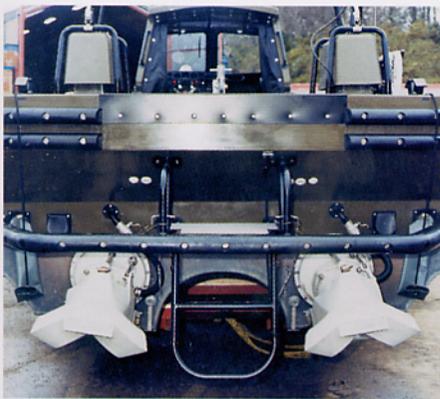
## Halmatic

The combination of twin diesel engines and waterjets gives the LSB a top speed in excess of 30 knots, a range of 150 nautical miles and superb low speed manoeuvrability. It can operate in conditions up to sea state 5 and in temperatures from -30°C to +45°C.

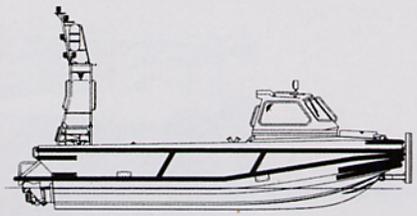
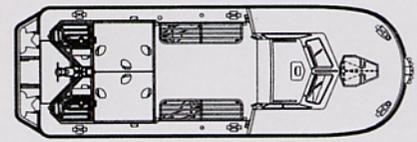
The LSB can carry a 2 tonne payload or 12 troops and 2 crew with a laden draft of only 0.65 metres. It can be transported by road, rail, underslung beneath a helicopter or on-board a C130 aircraft. A custom

built trailer enables launching and recovery from a slip or riverbank.

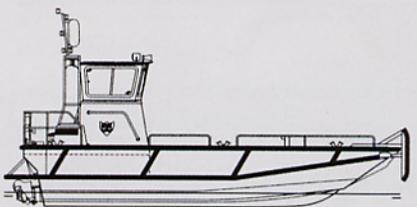
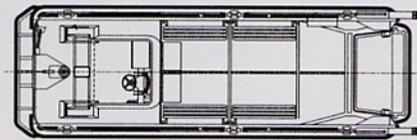
The LSB is the latest in a long line of craft designed by RTK Marine to meet the needs of UK and Military forces worldwide. Commercial applications for this vessel include general workboat, survey, towing, inshore patrol and general port operation.



Logistic Support Boat - Waterjet propulsion (top left)  
 Logistic Support Boat - Ramped version (above)  
 Logistic Support Boat launched and recovered from its advanced custom-built trailer (left)



RTK LSB 709 LOGISTIC SUPPORT BOAT



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CRAFT TYPE		LENGTH OVERALL (inc. Eng.) (metres)	BEAM (metres)	OVERALL HEIGHT (inc. Eng.) (metres)	DRAUGHT LADEN		UNLADEN (inc. Eng.) (kg)	WEIGHT MAXIMUM PAYLOAD (approx. kg)	SPEED LIGHT (knots)	SPEED LADEN (knots)
					Drive Up (metres)	Drive Down (metres)				
9 metre	Logistic Support Boat 2 x 210 hp Inboard Diesel Waterjet	8.77	2.90	2.62	0.60	N/A	5000	2000	32	27
9 metre	Logistic Support Boat 2 x 210 hp Inboard Diesel Waterjet Ramp Version	8.94	2.90	3.19	0.60	N/A	5100	1900	31	27
9 metre	Logistic Support Boat 2 x 250 hp Inboard Diesel Sterndrive	8.65	2.90	2.62	0.70	1.00	4500	2000	40	34