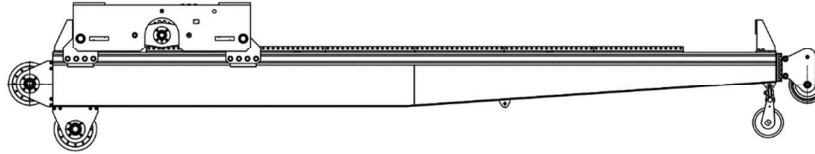


2.5 Te WLL – 9m – Over Stern Boom – DS42



TECHNICAL SPECIFICATION

Working load limit	2.5 Te WLL	Boom Length Total Travel	9.04m 5.3m
Sea state (Lloyds) Significant wave height	5/6 3.9m	Hydraulic boom working pressure Required hydraulic flow	200 Bar 25 Litres per Minute
Operating temperature	-20 to +40°C	Mount Configuration	20 Bolts
Design	Lloyds	Remote proportional control	3 position, spring return to centre directional control valves – 3 slice
Weight	Weight without cable: 3600Kg	Auxiliary winch 1	2.5 Te WLL 50m (refer to DS45)
Dimensions (LxWxH) Footprint	9041 x 1143 x 1642 mm 1960 x 860mm	Auxiliary winch 2	2.5 Te WLL 500m (refer to DS46)

Principle of Operation:

The Over Stern Boom allows seismic arrays to be launched and recovered over the vessel's stern in a safe and secure manner. The boom is driven in and out by a peg drive. The drive sprocket is mounted into the outlet shaft of an inline gearbox. The gearbox is fitted with a failsafe brake and hydraulic motor. Dynamic braking is achieved via a load control valve mounted directly onto the hydraulic motor. Static braking is via the failsafe brake unit fitted in between the hydraulic motor and the gearbox.

The hydraulic signal to the failsafe brake is achieved via a brake shuttle valve within the load control valve. The stern boom is controlled via a 3 slice 3 position, spring return to centre directional control valve. The valves are fitted with motor spools. One slice controls the boom, drive in and out, the other two slices control the two auxiliary winches. A progressive greasing system is fitted.

The Boom is supplied with the following:

- Marine grade paint system (Details can be supplied on application)
- Greasing manifold installed for impossible direct local access points
- 12 Month Warranty
- Pivoting Sheave
- 1 Off – 2.5 Te Sheave Block
- 1 Off – 4.75 Te PADEYE
- 1 Off – 6.5 Te PADEYE
- Operation and Maintenance Manual in Electronic Format

Optional extras: - please note these are not in the scope of supply but can be offered at extra cost.

- 1 Off – Extended Warranty
- 1 Off – Full Spares Kit
- Chest mounted remote control
- 1 Off – Auxiliary Winch 2 (500m)

