

Shadow Seal



The Shadow Seal is a unique Tactical Diving Vehicle design enabling the transportation of four tactical divers within near shore, riverine, lake and delta environments.

Two personnel are transported in each of the two compartments, offering flexible command and control options and optimised use of available space.

The vehicle may be piloted by a single operator located either in the front or rear compartment, enabling the pilot's role to alternate between forward and aft located operators as required. This enables the delivery of either three tactical divers or alternatively, the vehicle may be bottomed out in shallow water, shut-down and secured, enabling the deployment of four tactical divers.

Despite its larger size and range, the Shadow Seal is readily deployable from a slipway trailer, small surface vessel, rotary wing aircraft or small crane.



CLOSED LOOP TRIM

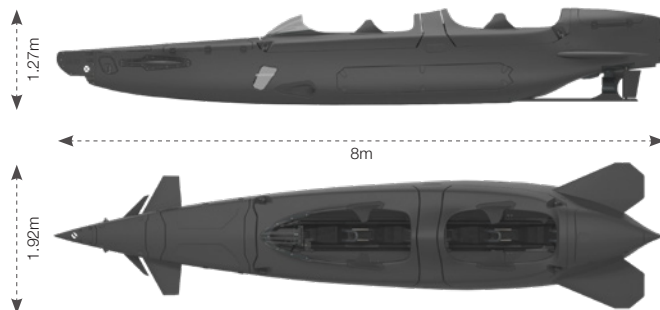
Shadow Seal trims with a special closed loop trimming system that has the capability to buoyancy compensate for 90kg.

CONTROLS

The vehicle may be piloted from either the front or rear positions using a console control.

REMOTE CONTROL

The vehicle has the capability to be remotely controlled expanding its operational employment potential.



SPECIFICATION

PHYSICAL

Length stored	8m
Beam stored	1.42m
Height stored	1.27m
Length deployed	8m
Beam deployed	1.92m
Height deployed	1.27m
Weight	2,500kg
Payload (excluding divers)	400lts

OPERATIONAL

Max depth	30m
Typical transit depth	4m
Persons	4
Surface max speed	7 knots
Surface cruise speed	5 knots
Surface range	60nm
Subsurface max speed	5 knots
Subsurface cruise speed	4 knots
Subsurface range	40nm