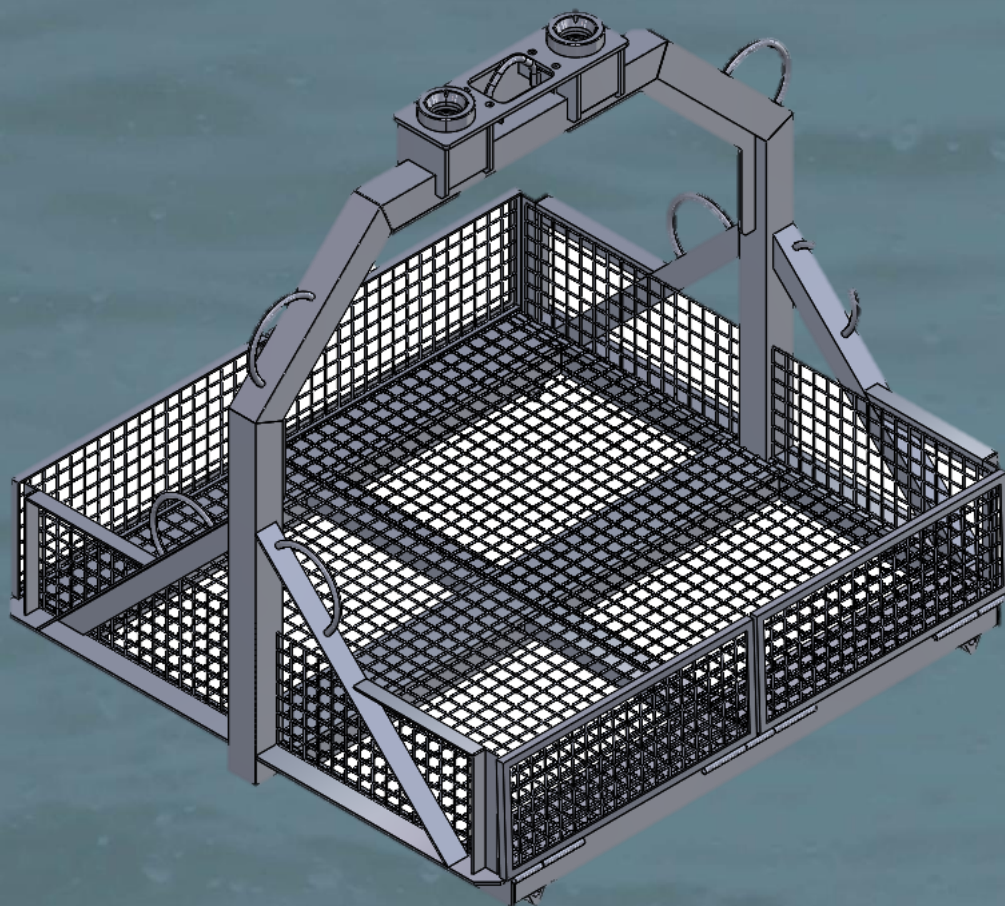


ROPOS

CANADIAN SCIENTIFIC SUBMERSIBLE FACILITY



Sampling Basket

Summary

The Sampling Basket is an ROV-deployed platform designed for the safe transport, deployment, and recovery of various payloads on the seafloor. With a large working deck and high payload capacity, it can accommodate a wide range of equipment from delicate sensors to heavy subsea instruments. The basket features a quick-latch interface for efficient attachment and release from the ROV, enabling precise placement and retrieval directly at the work site. This significantly reduces deployment time compared to traditional ship-based lifting systems such as winches or elevator baskets.

Key Features

- Quick-release latching system for fast ROV deployment and recovery
- Large 1.8 m × 1.8 m working platform for flexible payload configuration
- High payload capacity up to 500 kg (1102 lbs)
- Hinged access gates for improved ROV manipulator accessibility
- Compatible with a wide range of scientific and industrial subsea equipment
- Designed for rapid repositioning and repeat deployments at depth

Specifications

General	
Usable Footprint (W X D)	73" X 70" (1842mm X 1867mm)
Payload Capacity	1102 lbs (500 kg)
Environmental	
Depth Rating	Full Ocean Depth
Mechanical	
Construction	Aluminum
Weight in Air	335 lbs (152 kg)
Weight in Water	211 lbs (96 kg)

In-Use Examples

