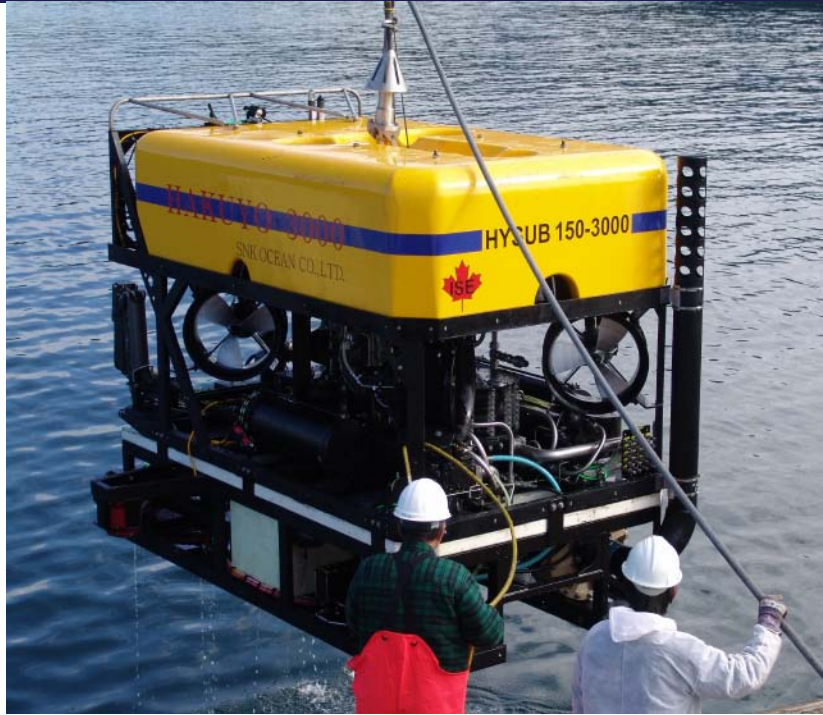


# ISE ROVs

## HYSUB 150HP ROV 3000 M “Hakuyo”

ISE’s Hysub “Hakuyo” was built for SNK Ocean Co Ltd, ISE’s longstanding customer in Japan. Hakuyo is designed to perform several functions including cable burial, salvage, research and survey. It is rated to a depth of 3000 meters.

Hakuyo comes equipped with four lateral and three vertical thrusters, two manipulators, a full sensor package and ISE’s customized control system, ACE.



Length	3.02 m
Width	1.8 m
Height	1.9 m
Weight in air	3800 kg
Payload	200 kg
Diving Depth	1000, 2000, 3000, 5000 m
Structure	6061-T6 aluminum with 316 stainless steel features
Flotation	Syntactic Foam
Variable Ballast	Lead (optional hard or soft)
Propulsion	Two 75 HP electro-hydraulic, Four 18” vectored thrusters, three 14” vertical thrusters
Power Requirements	3000 VAC, 3-phase, 60 Hz
Control	ISE’s ACE Control system
Console	19” Rack (48.3 cm)
Cameras (Typical)	1-HD, 1-Low light, 3-High Res (colour, B&W), 2- low light b&w CCD wide angle (optional HD)
Sonar	Multi-frequency scanning
Lights	8 LED or 250W Halogen, 3000 m rated
Manipulators	Two 7-Function Magnum with surface control system



**International Submarine Engineering Ltd.**

**All things underwater**

T 604.942.5223

www.ise.bc.ca

info@ise.bc.ca