



WORK CLASS ROV

LEOPARD

SAAB SEA EYE · 1702 SYSTEM · TMS TYPE 8

High-power compact electric work class ROV. 11 thrusters, 2,000 m depth rating, 500 kgf forward thrust — operated by HPS Offshore Services across the Gulf of Mexico and Latin America.

OVERVIEW

Compact Power. Maximum Versatility.

The Saab Seaeye Leopard delivers work-class power from a compact footprint. Its open payload bay accepts interchangeable tooling, survey and navigation sleds, and the iCON™ control system provides station keeping with full autopilots — heading, depth, altitude, pitch and roll.

CAPABILITY

Typical Campaign Services

- **Pipelines** Pipeline Inspection & IMR, Pre-Lay, As-Laid & As-Built · OOS Surveys
- **Survey** Corridor surveys — pipelines, umbilicals & infield · Drill Center & FPSO Mooring
- **Light Intervention** Valve actuation · Sample & object recovery · ROV tooling intervention
- **Structural** Structural Inspection (Level I & II) — jackets & conductors · FMD & marine growth cleaning · Anode & CP survey

Operated by **HPS Offshore Services** — 12 years of offshore operations from Ciudad del Carmen, México.

2,000 m
DEPTH RATING

500 kgf
FWD THRUST

3.6 kn
FWD SPEED

11
SM9 THRUSTERS

TECHNICAL SPECIFICATIONS
GENERAL

Depth Rating	2,000 m
Dimensions (L×W×H)	2,150 × 1,160 × 1,254 mm
Standard Launch Weight	~1,200 kg
Payload (Std)	140 kg
System Power	380–480 VAC 3-ph 50/60 Hz · 216 kVA full system
Data Link	Single Mode Fibre + CWDM

MECHANICAL

Safe Working Load	2,500 kg @ Sea State 6
Through Frame Lift	1,000 kg @ SS6 · 4× skid docking receptacles

PERFORMANCE

Forward Speed	3.6 knots
Lateral Speed	1.9 knots
Vertical Speed	1.8 knots
Thrust – Forward	500 kgf
Thrust – Lateral	230 kgf
Thrust – Vertical	200 kgf

PROPULSION

Thrusters	11× SM9 (8 horizontal + 3 vertical)
Supply Voltage	500 V DC

STANDARD INSTRUMENTS

AHRS / Gyrocompass	iXBlue Octans 3000 · FOG · Heading ±0.1° · Pitch/Roll ±0.01° · Smart Heave™
Depth Sensor	Valeport miniIPS · ±0.01% FS · up to 300 Bar · Titanium housing
Lighting	6× 24 VDC LED dimmable · 3,520 lm daylight white
Pan & Tilt	24 VDC · 35 Nm torque
Control System	iCON™ – auto heading / depth / altitude / pitch / roll

SYSTEM CAPABILITIES
NAVIGATION & POSITIONING

- USBL Acoustic Positioning – GAPS / Ranger2
- DVL Station Keeping – Doppler Velocity Log
- Fibre Optic Gyro (FOG) + INS integration
- Digiquartz Depth Gauge + Sound Velocity Profiler
- iCON™ auto heading, depth, altitude, pitch & roll

INSPECTION & SURVEY SUITE

- Multibeam Echosounder (MBES) – dual forward frame option
- Cathodic Protection Probe – contact or proximity
- Ultrasonic Thickness Gauge (UTG) – corrosion assessment
- Pipeline Survey Skid – TSS 440 · HydroPact 660E pipe tracker available
- Scanning Sonar + Side Scan Sonar options
- HD / UHD / 4K cameras · 20×20 surface video switcher
- Laser options for video survey measurement

INTERVENTION & TOOLING

- Schilling Orion 7P + 4R manipulator arms with DC iHPU
- Auxiliary 15 kW hydraulic tooling sled (210 Bar @ 45 L/min)
- Water jet cleaning · FlexiClean · Rotary grinder
- 38 mm hydraulic anvil wire cutter
- General purpose & tooling basket skids

DEPLOYMENT SPREAD

- TMS Type 8 tether management system
- A-Frame Launch & Recovery System (LARS) – safe area
- 20 ft split control cabin – pilot & HV PSU sections

CONTACT
Commercial Team
EMAIL

ventas@hps offshore.com

PHONE

+52 (938) 112.9000

LOCATION

Cd. del Carmen, Campeche

WEB
www.hps offshore.com