

# 7-3/8" Subsea Intervention Lubricator

1,500 m



# The 7-3/8" Subsea Intervention Lubricator – 1,500 m (SIL) enables efficient and cost-effective riserless intervention or abandonment solutions for all subsea wells up to 1,500 m (4,921 ft) water depth.



The 7-3/8" Subsea Intervention Lubricator (SIL) is designed for single-trip deployment for tool strings up to and beyond 22 m providing excellent tractor and conveyance options in high deviation wells and longer gun runs where perforating new or existing zones is desirable.

Helix Well Ops SILs provide a potential cost-savings of 40% - 60% in comparison to using a drilling rig by greatly reducing mobilization time for life-of-well operations including wire line, logging, light perforating, zone isolation, plug setting and removal, and decommissioning.

The 7-3/8" SIL creates a system that gives access to large bore subsea assets in deeper water and the ability to perform well intervention and abandonment operations.

The 7-3/8" SIL (1,500 m) features a single umbilical providing a fully redundant electro-hydraulic control system ensuring excellent reliability. The Control system is integrated topside to Hydraulic/Grease generation and distribution systems as well as the Subsea system and third party subsea trees.



## Experience

Helix's first Subsea Intervention Lubricator SIL1 performed the world's first rigless intervention on the Magnus field in 1987.



## Innovation

Our 7-3/8" 1,500m model is the first to allow 'single trip' deployment of well access package and tools.



## Value

Expands the cost-saving capabilities of Light Well Intervention into deeper waters.

## TECHNICAL SPECIFICATIONS

### Main specifications

7-3/8 inch through bore at 10,000 psi WP

Diverless system with wireline capability to 1,500 m

Modular lubricator riser supporting up to and beyond 22 m wireline tool string (vessel dependent)

7-3/8 inch 10,000 psi, hydraulic latch integrated with wire-cutting ball valve

Wire-cutting ball valve 7-3/8 inch, 10,000 psi, Norsok D002

7-3/8 inch, 10,000 psi, WP dual wireline BOP with inverted ram for contingency operations

10,000 psi WP subsea grease package assembly c/w redundant subsea storage with recharged capability via umbilical or ROV

13-5/8 inch, 10,000 psi, hydraulic EDP connector

ROV override panel for contingency functioning of critical wellbore functions

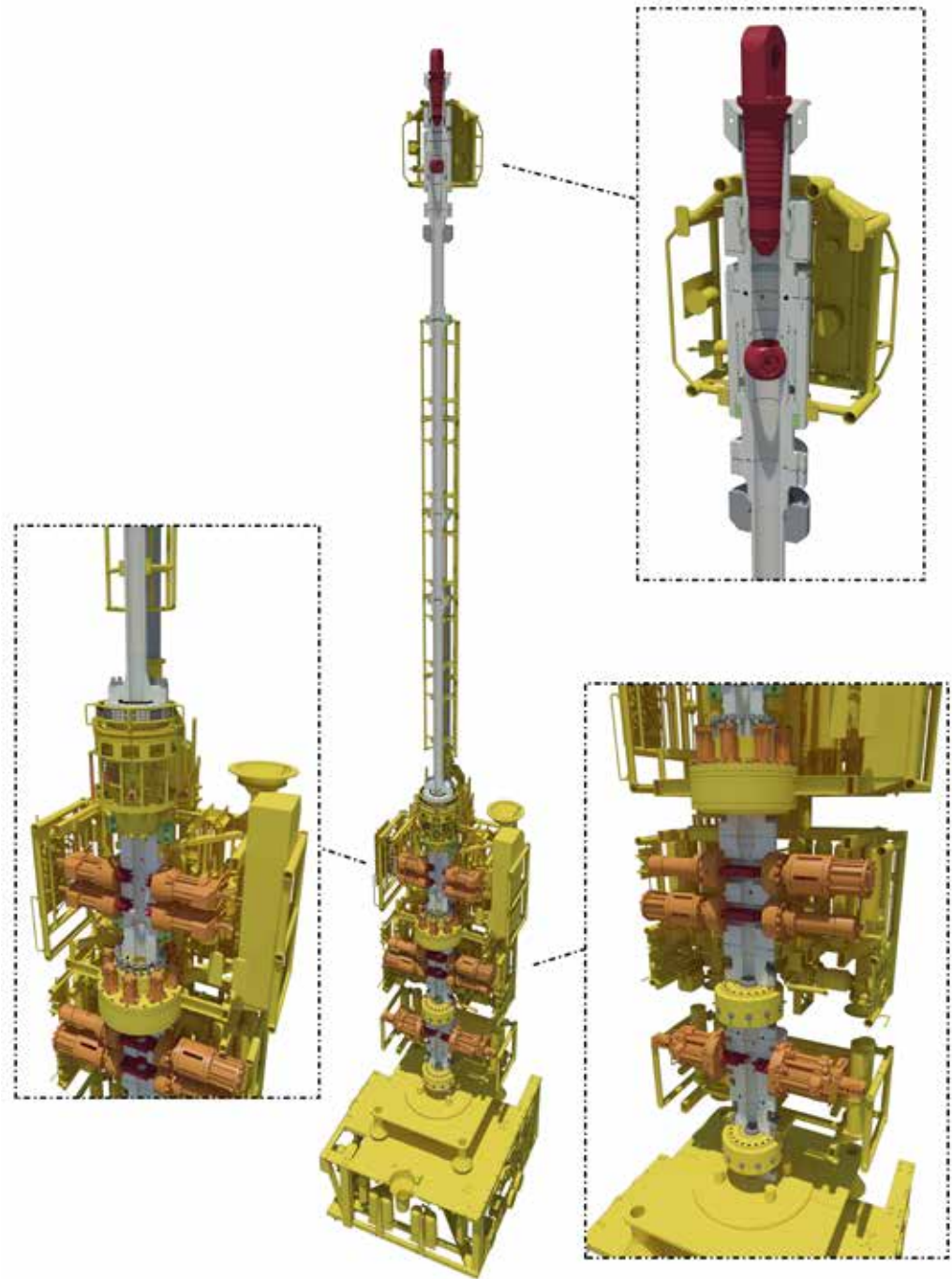
Optional: 2 inch kill line with deco return line capability

Dual redundant MUX control system with fibre-optic primary and secondary control incorporated into a single umbilical.

Dedicated emergency shutdown system independent of MUX controls

Optional: 7-3/8" Safety Head, 10,000psi WP, Norsok D010 Compliant

Suitable for all subsea XT's and wellhead connections





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