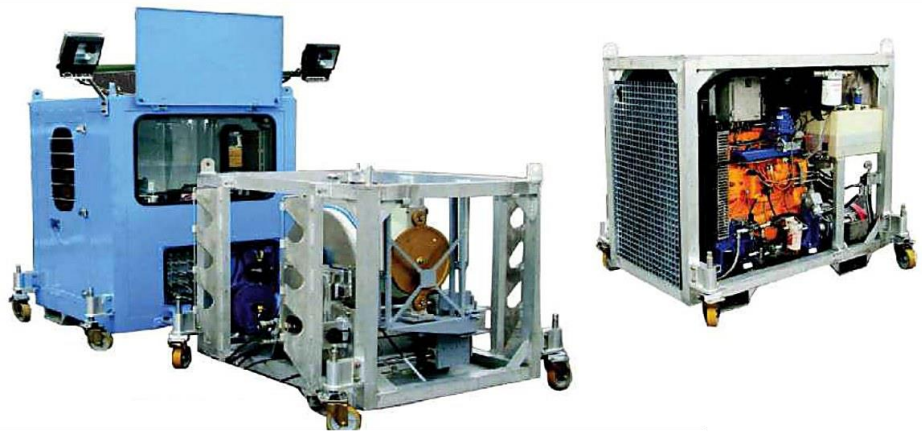
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F1.A13

Three-piece Slickline unit

The three-piece slickline unit comprising of a separate power pack module, separate short length enclosed operator cabin module and separate winch module. Each module can be lifted separately. This unit is suitable for cased hole slickline and braided line operations.

Dimensions & Weights

Power pack module:
[L] 1.8 m [W] 1.45 m [H] 1.65 m [Weight] 1300 kg
Control room module:
[L] 1.85 m [W] 1.3 m [H] 1.85 m [Weight] 1300 kg
Winch module:
[L] 1.85 m [W] 1.3 m [H] 1.4 m [Weight] 1500 kg

Power Pack Module

* Water cooled diesel engine 85 hp
* Mechanical recoil inertia spring starter
* Closed loop hydraulic system with variable displacement pump and motor
* Hydraulic reservoir: 280 liter
* Fuel tank capacity: 75 liter
* Storage for hydraulic hoses
* Low maintenance system
* Engine local panel:
  - Engine oil pressure gauge
  - Engine coolant (Water) temperature gauge
  - Mechanical engine shutdown lever
  - Combined engine RPM & Hour meter

Slickline Operations

Based on 25000 ft 0.125” and tool weight 150 lbs
* Max. Line Speed at Core: 937 ft/min
* Max. Line Speed at OD: 1330 ft/min
* Max. Line Pull at Core: 8462 lbs
* Max. Line Pull at OD: 6404 lbs

Features & Benefits

* Economical design
* Four-point lift unit, ideal for heavy duty operations
* Weight and format ideal for offshore operations

Control Room

* Air conditioned
* Bench for 3 persons
* Control Panel:
  - Digital data logger to record and display real-time depth, tension and line speed. Data can be downloaded to a USB flash memory.
  - Hydraulic main pressure gauge
  - Hydraulic control pressure gauge
  - Hydraulic oil temperature gauge
  - Line tension value
  - Winch direction and speed control valve
  - Throttle control
  - BOP Control
  - Stuffing Box Control
* Two flood light that can be remove during transportation
* Foldable foot steps for access to roof mounted objects

Winch Module

* Drum capacity: 25000 ft of .108” or 0.125” wire
* Chain drive
* Closed loop hydraulic system for extremely high controllability and fuel speed / torque range.
* Foldable 16” traditional measuring device with optical encoder
* Hydraulic load cell with 100 ft hose
* Side racks to carry lubricators
* Brake System:
  - Positive brake system (Always drum is under brake, brake is released when air pressure is applied.
  - Pneumatically operated non asbestos band brake mounted on drum directly

Options

* Zone II configuration
* Rigsafe configuration

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