FALIZ
PAJOUHESH PARS CO.

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F1.A14

Two-Piece Logging unit

This Two-Piece logging unit is a heavy duty skid mounted unit that can be configured for operating in Non-zone, Rig-Safe or Zone II conditions. This unit is suitable for well logging operation and winch section of unit can be designed according to customer's request. Control room have enough space that can accommodate data acquisition equipment and other feasibility for the crew.

Dimensions & Weights

Control unit:
[L] 5.4 m [W] 2.5 m [H] 2.9 m [Weight] 9000 kg (Excluding winch drum and wire)

Power pack:
[L] 1.6 m [W] 2.5 m [H] 2.5 m [Weight] 3500 kg

Hydraulic Drive System

* Powerful 400 bar (5800 psi) closed loop hydraulic system
* Variable displacement hydraulic pump and hydraulic motor
* Capable of stable logging at low speeds
* Hydraulic reservoir: 200 lit
* Hydraulic dynamic braking
* Low maintenance system

Logging Operation (OH)

Based on 25000 ft 15/32” cable and tool weight 2000 lbs:
* Max. Line Speed at Core: 370 ft/min
* Max. Line Speed at OD: 880 ft/min
* Constant low speed: 3~5 ft/min or
* Max. Line Pull at Core: 26000 lbs
* Max. Line Pull at OD: 15400 lbs

Winch System

* Designed for 25000 ft of 15/32” mono-conductor
* Winch drum is chain driven
* Electro-pneumatic band brake system
* Planetary gearbox

Depth & Tension System

* Heavy duty Measuring Head with electronic outputs for depth and tension for Hoistman panel

Power Pack Features

* Diesel Engine: six cylinder diesel engine providing 168 kW @ 2100 rpm
* Starter System: Electric
* Electrical System: 24V DC & 220V AC 50Hz
* Diesel reservoir: 350 lit
* Engine controls: Electronic throttle control from control room
* Hydraulic driven AC Generator 25 kW

Control panel



* Hydraulic pressure gauges
* Hydraulic oil temperature gauge
* Engine control panel
* Generator control panel
* Line tension value
* Brake lever / switch
* Touch screen Hoisting Panel
* Back-up depth panel
* Winch direction and speed control valve
* Spooler control

Features & Benefits

* Economical design
* Roof mounted air conditioners (3x 13500 btu)
* Weight and format ideal for offshore operations

Options



* Rig-Safe / Zone II configured
* Direct drive winch
* Disc Brake System
* Heavy duty Captain Chair
* PLC based control system
* PTZ Camera
* Additional industrial computer

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