FALIZ PAJOUHESH PARS CO.



F1.B3

Truck Mounted Logging Unit

This is a 6x4 tandem axle heavy duty van unit for open-hole and cased-hole logging and perforating service work applications. This unit is designed to operate in arctic, desert and tropical oilfield environments and can be modified to perform other wireline service work applications. It has a PTO driven hydraulic system.

Dimensions & Weights

[L] 10.5 m [W] 2.6 m [H] 4 m [Weight] 26500 kg

Hydraulic Drive System

* Powerful 400 bar (5800 psi) closed loop hydraulic system
* Variable displacement hydraulic pump and hydraulic motor
* Hydraulic reservoir: 250 lit
* Hydraulic dynamic braking
* Low maintenance system

Winch System

* Direct Drive Double Drum
* small drum: 25000 ft of 7/32” mono-conductor
* large drum: 25000 ft of 15/32” multi-conductor
* Disk brake system
* Two speed planetary transmission for large drum
* single speed planetary transmission for small drum

Logging Operation (OH)

Based on 25000 ft 15/32” cable and tool weight 2000 lbs:

* Min. Line Speed at Core: 3 ft/min
* Min. Line Speed at OD: 6 ft/min
* Max. Line Pull at Core: 22000 lbs
* Max. Line Pull at OD: 11000 lbs

Logging Operation (CH)

Based on 25000 ft 7/32” cable and tool weight 350 lbs:

* Max. Line Speed at Core: 499 ft/min
* Max. Line Speed at OD: 1367 ft/min
* Max. Line Pull at Core: 10615 lbs
* Max. Line Pull at OD: 6195 lbs

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 & Re-spooler control

Features & Benefits

* Air conditioners
* Hydraulic driven AC generator 25 KW
* Rising support for small drum
* Line oiller with remote control on the panel
* Heavy duty measuring head output signal with tension/depth
* Low maintenance system
* Computer racks
* Long toolsbox for perforation guns
* Side toolsbox for logging tools
* Airbag system for protecting logging tools in transportation
* Light table
* Tea Maker
* Drawers & Cabinets for small tools
* Door with panic exit device

Options

* Heavy duty Captain Chair
* PLC based control system
* PTZ Camera
* Additional industrial computer

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