

8x6 Tri-Axle Heavy Duty Swab Rig with 15 m (48') Derrick and Single Drum Drawworks

Model WD3-348 series swab rig unit is a tri-axle one piece raising derrick unit for heavy duty swabbing service work applications. This swab rig comes with heavy capacity rated derrick, operator's cabin and tool storage compartments.

This unit is designed to operate in arctic, desert and tropical oilfield environments and can be modified for slant hole operations.

Features

- Operator control cabin is mounted on top of rear deck, manufactured from 100% aluminum
- All-weather thermal-insulated cabin with climate-controlled interior
- Ergonomically designed control panel
- Low noise level
- One piece hydraulic raising derrick with raised reach of 15 m (48') from crown-to-ground
- Hydraulic downrigger cylinders incorporated in rear bumper
- Optimized external storage compartments and tool racks
- Prepped, primed and painted

Hydraulic System

- Heavy duty closed loop hydraulic system
- Minimum maintenance design
- Friendly control design for operations

Wireline Accessories Options

Drawworks and Spooling

- Multiple sized single drum drawworks to fit desired cable sizes
- Integrated spooler system in A-frame
- Hydraulic spooler control

Generator

- 10 kW hydraulic drive generator

WD3-348 SERIES



Measuring

- Integrated measure wheel and electronic load cell in spooler carriage assembly
- Electronic display meters for line speed, depth and tension

Auxiliary Winch

- Hydraulic drive auxiliary winch

Cab Dimensions

2.8 m L x 1.8 m W (120" x 72")

Cab configuration can be varied to best fit end user's requirements.

Recommended Minimum

Chassis Specifications

Front Axle	7,260 kg (16,000 lb.)
Rear Tri-Axles	26,300 kg (58,000 lb.)

Winch Hoist Specification

LA1-200 Series Drawworks

Two speed hydraulic motor with single speed planetary gear box chain drive system

Drum Line Capacity

3,700 m (12,000') of 9/16" e-line

Drum Drive Performance

Drum Speed

Up to 340 mpm (1,100 fpm)

Pulling Power

Up to 9,000 kg (20,000 lb.)

Additional drum drive system options available to best meet specific service work applications.

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