

6x4 Tandem Axle Derrick Heavy Duty Swab Unit with 14 m (45') Derrick and Single Drum Drawworks

Model WD2-245 series is a tandem axle one piece raising derrick option for heavy duty logging and swabbing service work applications. This logging unit comes with heavy rated capacity derrick, climate-controlled 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

- Control cabin is independent from deck and manufactured from 100% aluminum
- All-weather thermal-insulated cabin with climate-controlled interior
- Ergonomically designed control panel
- Low noise level
- One piece derrick with raised reach of 13.7 m (45') 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 systems
- 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

WD2-245 SERIES



Measuring

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

Auxiliary Winch

- Hydraulic drive auxiliary winch

Cab Dimensions

2.5 m L x 2.5 m W (98" x 98")

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

Recommended Minimum

Chassis Specifications

Front Axle 7,200 kg (16,000 lb.)
Rear Tandem Axles 18,100 kg (40,000 lb.)

Winch Hoist Specification

LA1-300 Series Drawworks

Direct drum-mounted single speed planetary gear box with two speed hydraulic motor drive system.

Drum Line Capacity

4,000 m (13,200') of 1/2" e-line

Drum Drive Performance

Drum Speed
Up to 320 mpm (1,050 fpm)
Pulling Power
Up to 6,300 kg (13,800 lb.)

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

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