

8x6 Tri-Axle Derrick Log / Swab Unit with 15 m (48') Derrick and Double Drum Drawworks

Model CD3-248 series is a tri-axle one piece raising derrick for heavy duty logging and swabbing service work applications.

This unit comes with heavy rated capacity derrick, climate-controlled operator's cabin and tool storage compartments. Designed to operate in arctic, desert and tropical oilfield environments and can be modified for slant hole operations.

Features

- Operator 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 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 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

CD3-248 SERIES



Measuring

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

Generator

- 10 kW hydraulic drive generator

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 Tri-Axles 25,800 kg (57,000 lb.)

Winch Hoist Specification

CA2-860 Series Drawworks

Two independent drum drive system. E-line drum has direct drum-mounted two speed planetary gear box with two speed hydraulic motor. Swab drum has two speed hydraulic motor with single speed planetary gear box chain drive.

Drum Line Capacity

E-line Drum Up to 6,100 m (20,000') of 5/16"
Swab Drum Up to 4,000 m (13,200') of 7/16"

Drum Drive Performance

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

Has good smooth low speed for logging. As low as 6 mpm (19 fpm). Additional drum drive system options available to best meet specific service work applications.

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