

# 6x4 Tandem Axle Mast Swab Rig with 13 m (44') Stiff Mast and Single Drum

Model LM2-144 series is a tandem axle with one piece stiff mast with reach to 13 m (44') for logging and other specialized 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.

## 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
- Hydraulic raising one piece stiff mast has reach of 13 m (44') 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

## LM2-144 SERIES

LM2-144 Unit in production.  
No photo available.

### 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 6,530 kg (14,400 lb.)

Rear Tandem Axles 18,100 kg (40,000 lb.)

### Winch Hoist Specification

#### LA1-400 Series Drawworks

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

#### Drum Line Capacity

6,700 m (25,000') of 5/16" e-line

#### Drum Drive Performance

Drum Speed  
Up to 400 mpm (1,300 fpm)

Pulling Power  
Up to 5,600 kg (12,500 lb.)

Has good smooth low speed for logging, as low as 1 mpm (3 fpm).

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