

# 6x4 Tandem Axle Mast Logging Unit with 17 m (55') Telescoping Mast and Single Drum

Model LM2-255 series is a tandem axle unit with a 17 m (55') hydraulic telescoping mast and a safe working load of 5,450 kg (12,000 lb.) for 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.

## 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
- Hydraulic telescoping mast has an extended reach of 17 m (55') 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

## LM2-255 SERIES

LM2-255 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")

### 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.