

# 8x6 Tri-Axle Combination Van Unit with Double Split Drum Drawworks

Model CV3-160 series is a tri-axle heavy duty aluminum van unit for combination slickline and braided line service work applications, carrying up to four different drum lines. 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

- Stepped down, enclosed roof over drawworks with double rear doors
- 100% aluminum frame all-welded construction
- Light weight design
- Generous quantity of external storage compartments and racks
- Large all-weather climate-controlled operator's cabin
- Ergonomically designed control panel
- Low noise level
- Operator's captain's chair
- 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

- Multiple sized double drum drawworks to fit desired slickline and braided line sizes (up to four lines)

### Spooling

- Linear bar spooler systems or overhead spooler system

## CV3-160 SERIES



### Measuring System

- In-line measure heads or conventional measure heads
- Mechanical or electronic display meters

### Generator

- 10 kW hydraulic drive generator

### Grease Injector

- 34.5 MPa (5,000 PSI) hydraulic on-board grease injector system

### Van Dimensions

6.4 m L x 2.6 m W (252" x 102")

Van dimensions can be varied to best fit end user's requirements

### Recommended Minimum Chassis Specifications

Front Axle 7,200 kg (16,000 lb.)  
Rear Tri-Axle 25,800 kg (57,000 lb.)

### Winch Hoist Specification

#### CA2-720 Series Drawworks

Two independent drum drive systems: one four speed Funk transmission chain drive for the slickline drum; one direct mount two speed planetary gear box drive for the braided line drum

#### Drum Line Capacity

Slickline Split Drum  
7,600 m (25,000') of 0.108" or 0.150"

#### Braided Line Split Drum

6,100 m (20,000') of 1/4" or 7/32"

#### Drum Drive Performance

##### Drum Speed

Up to 750 mpm (2,400 fpm)

##### Pulling Power

Up to 5,400 kg (12,000 lb.)

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