

4x2 Single Axle Slickline Crane Unit with Articulating Crane, Van Body and Drawworks

Model SC1-400 series is a single axle combination crane and wireline unit for slickline 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

- Unit has the 120 series van body design with small radius rear corner body and tarpaulin roof over drawworks compartment
- 100% aluminum operator's control cabin section
- All-weather thermal-insulated cabin with climate-controlled interior
- Generous quantity of external storage compartments and racks
- Ergonomically designed control panel
- Low noise level
- Rear articulating hydraulic crane
- Rear hydraulic outrigger stabilizers
- 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 drum drawworks to fit desired quantity of 0.092" or 0.108" slickline sizes

Spooling

- Linear bar spooler systems

Measuring System

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

SC1-400 SERIES



110V AC Power

- 3,000 W inverter AC system
- 6,000 W inverter AC system
- 10 kW hydraulic drive generator

Van Dimensions

4.3 m L x 2.5 m W (169" x 98")

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

Recommended Minimum

Chassis Specifications

Front Axle	6,300 kg (14,000 lb.)
Rear Axle	9,530 kg (21,000 lb.)

Winch Hoist Specification

SA1-200-D Series Drawworks

Two speed planetary gear box chain drive with hydraulic motor drive system and drop spool attachment.

Drum Line Capacity

7,600 m (25,000') of 0.108" slickline

Drum Drive Performance

Speed

Up to 500 mpm (1,650 fpm)

Pulling Power

Up to 4,000 kg (9,000 lb.)

Drop Spool Attachment

Independent hydraulic drive motor with quick disconnect coupling on drop spool that holds up to 3,000 m (9,800') of 0.092" line.

Crane Capacity

- Model 805-4S - four sections
- Load max outreach 360 kg (790 lb.)
- Vertical reach of 12 m (39')
- Horizontal reach of 9 m (29')

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