



Wireline Units for On & Off-Shore Drilling Rigs

Overview

Tulsa Power's single drum surveyor wireline unit can be deployed for running and retrieving down-hole tools, performing light duty wireline and fishing operations. It is compact, lightweight, and low maintenance, yet a fully functional unit housed in a robust frame with control console. A counter head assembly is mounted at the top of the unit. Integral forklift pockets and lift eyes are provided for ease of handling. This ergonomically-designed unit with all controls and an unrestricted view of action on the rig floor for the operator is ideally suited for small footprint and lightweight needs.

Standard Sizes

Wireline units may be provided for 15,000 to 35,000 ft. (4,626 to 10,794 meters) of 0.092 to 0.125 in. (2.34 to 3.18 mm) slick line or braided wire.

Standard Features

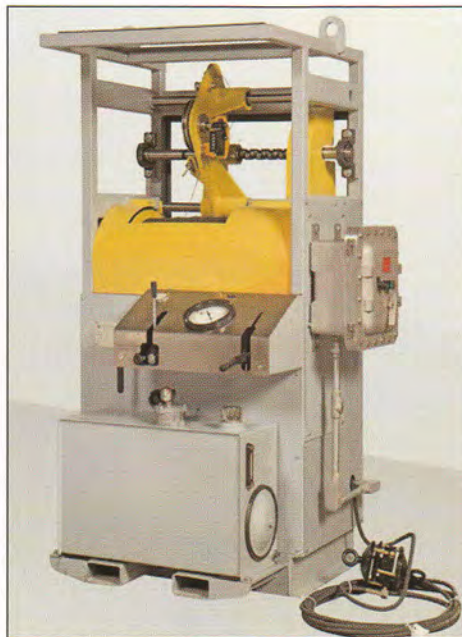
- Lightweight, sturdy construction with minimal floor space usage.
- Top frame lift eyes and forklift pockets for easier handling.
- Heavy duty welded drum construction offers long operation life.
- Guards on all rotating parts, plus guarding around front and back of drum minimizes unsafe pinch points.
- Removable access guarding on all four (4) sides at bottom of unit for easy access during routine maintenance.
- Safety glass on top and back of unit for improved operator protection.
- Rig powered open loop hydraulic system (15 HP) with change gear transmission offers wide range of speed and tensions. Flow required is 15 GPM at 2000psi. Drive system rated for 2,500 psi hydraulic pressure.
- Operator-adjustable drum or disk braking with lever actuation.
- 7" material depth measurer with adjustable nip roller. English or metric units available. Measurer supported by heavy-duty linear slides.
- Manual hand wheel levelwind at comfortable operator height.
- The open console design allows the operator to comfortably stand at the unit with all the engraved control labels easily identified.
- Standard paint system is shot blast with zinc oxide primer and 2-coat system.

- Installation, operation and maintenance manuals with parts list in English provided with each unit.

Options

- Electric hydraulic powered units offer on-board closed loop hydraulic system (15 HP) rated for hazardous areas (Class 1, Group D, Division 1). Transmission included. 480V/60Hz/3ph, 30 amps, power is standard, other voltages available upon request.
- AC vector duty drive system includes hazardous area electric motor (20 HP) with drive housing mounted controls. 480V/60Hz/3ph, 40 amps, power is standard, other voltages available upon request.
- Automatic levelwind includes stainless steel diamond screw to automatically guide the material across the face of the drum.
- Weight indicators, complete with load cell and 50 ft. of hose. Scale is conveniently mounted on operator control panel.
- Carbon or stainless steel wireline wound onto unit by factory.
- Hay pulley and turning sheaves.
- Offshore paint system to match your specifications.

A slickline or braided line unit can be designed for your exact requirements.



Electric hydraulic unit with automatic levelwind and load cell display options (20,000 ft. of 0.092" wire).



Rig powered hydraulic unit with manual levelwind (25,000 ft. of 0.092" wire).

Operator's Control Panel Includes

- Drum direction control lever, and speed control valve.
- Mechanical brake lever for drum.
- Levelwind hand wheel for spooling.
- Hydraulic pressure gauge.
- Transmission shift lever.

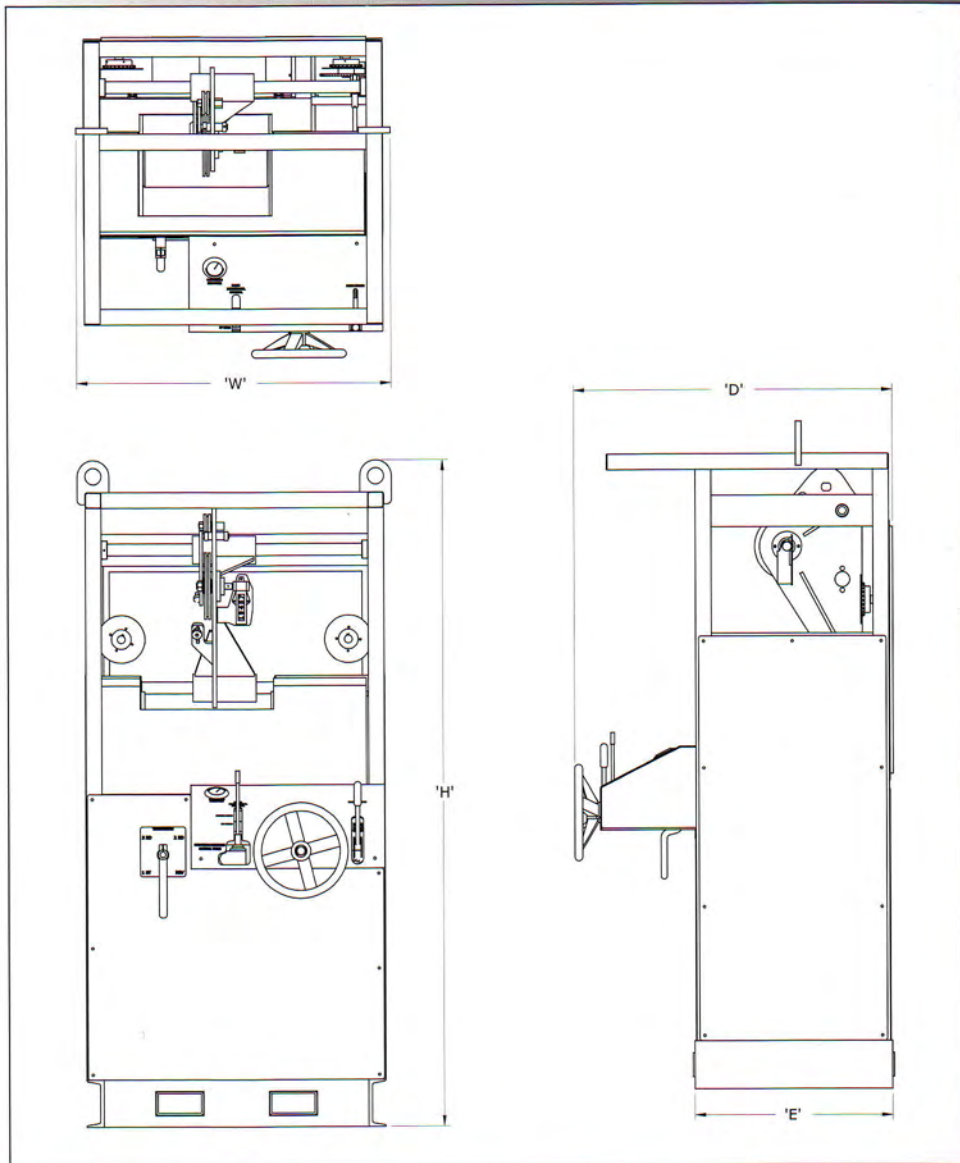
Expertise

Tulsa Power has over 30 years of experience in designing and manufacturing wire, cable, and flexible material handling equipment. Oilfield products include drill line spoolers, wireline/slickline units, umbilical reels, hose reels, raw water/deep well reels, truck and trailer mounted spoolers, ESP spoolers, coiled tubing spoolers, service loop spoolers, seismic cable spoolers and linear haul-offs/cable tensioners. Purpose built equipment can be designed and built for almost any of your spooling applications.



Low profile AC vector driven system with automatic levelwind (15,000 ft. of 0.108" wire).

Wireline Specifications



Dimensions and weights are approximate and may vary for each size of wireline unit.

RIG POWERED HYDRAULIC

W X D X H X E

39³/₄" (1009 mm) X 40³/₈" (1026 mm) X

83¹/₂" (2120 mm) X 25" (635 mm)

1,600 lbs. bare

1,950 lbs. with wire added

Contact Tulsa Power regarding your truck and trailer mounted unit requirements.



T U L S A P O W E R

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