

# Wireline Spooling Device



The WILITEC Wireline Spooling Device is designed to provide a complete spooling system for application where a slickline or a braided line or a conductor line needs to be spooled under controlled tension from a standard shipping drum onto the wireline drum or from the wireline unit onto the shipping drum (unspooling).

The tensioning system is very important as we have to monitor the tension during the operation with the Wilitec Winchpad system (data acquisition system installed on the winch) in order to deliver a spooling certificate to the customer.

The spooler is suitable for onshore or workshop operations with the appropriate and separate electrical power source.

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Clutch free design,  
ensure constant  
tension during  
transition without  
operator  
intervention.

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## Dimensions & Weights (excluding shipping drum & cable)

dimension (L x W x H)	m	2.50 x 1.60 x 1.60	ft	8.20 x 5.25 x 5.25
weight	kg	1900	lbs	4189



## Spooling device

Equipment designed for Non Zoned area.

Standard configuration can operate in -10deg.C to +50deg.C.

Forklift pockets.

4 lifting points as per standard DNV2.7-1 / BSEN12079.

Tie down point integrated in frame.

Manufactured in steel frame construction.

Open end design to easily install or remove all standard drums using manual hydraulic pistons.

Operator friendly package design.

Fixed Tensioning system (capstan) support arm.

Equipped with remote control and umbilical.

Suitable for any type of cable between 0.092" and 5/16" diameter.

Constant cable tension on the winch drum maintained.

Maximum cable tension between the shipping drum and the tensioning system (capstan) : 200lbs.

Back tension achieved using the hydraulic motor.

Unspooling operation from the wireline unit to the shipping drum using the hydraulic motor.

External Electrical power supply 380v-440v / 50-60Hz 3 phase power input.

Hydraulic transmission Pump / Motor

## Capstan

Iron casting wheel 500mm (20in dia); 6 active grooves on upper wheel and 5 active grooves on lower wheel.

Hydraulically operated tensioning capstan via caliper brake.

Chain between 2 wheels of the capstan for brake efficiency.

Maximum cable tension between the capstan and the wireline unit : 3000lbs.

## Features & Benefits

Very Compact solution for spooling slickline cables requiring only power pack for unspooling.

Compatible with many shipping drums.

Easy transportation of the spooler, even on the field.



Capstan with the caliperbrakes.



certificate by



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