

Slickline Mast 40 feet



The WILITEC wireline mast has been designed for your offshore slickline and cased hole logging activities.

The mast is fabricated from a base frame skid mounted with two folding outrigger and a hydraulic telescopic mast under design criteria such as wind speed and high safe working load SWL. The control for erecting the mast is on the base frame. The shape of the boom is from a high tensile steel structure rectangular type.

Easy installing,
performance,
safety and efficiency

Dimensions (Transportation) & Weight

40ft Mast

dimension (L x W x H)	m	4.43 x 1.2 x 1.77	ft	14.5 x 3.9 x 5.8
weight	kg	1500	lbs	3306



Design, General

- Wire line hydraulic mast
- Max wind speed rigging up/down : 25 mph
- Max wind speed operational, unguyed : 30 mph
- Max wind speed operational, guyed : 50 mph
- Safety working load at height fixture : 6,600lbs (3,000kg)
- Max line pull : 1500 kg
- Design temperature : Td = -20°C
- Environment temperat : -20° to 55°C

Winch System & Boom Length

- 1500 kg capacity winch c/w swivel hook and cable
- Single line pull 1350 kg
- Sheaves at mast crown diameter : 1 x 450mm
- Boom Length : Min 4.12m ~ Max 11.80m
- Max Working Height : 12.80m

Options

- 4 jacking Castors fitted on the base
- Extension 10ft with JIB

Dimensions & Outrigger

- When transported; L 4.43m x W 1.20m x H 1.77m
- Weight : 1500 kg
- Manually operated triggers
- Outrigger width 4.27 m
- Outrigger length 1.75 m

Controls

- Proportional valve with multiple control, spring centered spool type with pressure relief valve
- Model/mfg : MC3/3, Parker
- Rated oil flow : 50 lpm
- Max. Pressure : 210 kg / cm²

Safety Devices

- Counter balance valve for topping and telescopic cylinders
- Hydraulic brake for winch reduction gear
- Hook safety latch



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