

WIRELINE 70 FT MAST

Dimension & Weight During Taxi :

Feet : L 22.57 / W 7.97 / H 10.43
Meters : L 6.88 / W 2.43 / H 3.18
Weight : 17,632 lbs / 8.0 Metric Ton

Operational Dimensions :

Working height's : 7.01 m (23.00 ft)
to
21.33 m (70.00 ft)

Features :

Unit is designed with the ultimate flexibility for performing wireline operations, compact design, robust, stand alone operation & transportable weight.

Unit has four lifting points for crane handling, integral forklift pockets for ground handling.

General :

Mast unit is constructed in high grade steel tubing frame work and has been specially designed for offshore applications.

Unit is sturdy comes in a single piece configuration with Six section telescopic boom assembly, designed for use as a self Jacking (standing) & self supporting structure for wireline operations.

Mast is fitted with o cargo hydraulic winch & one man rider winch (optional) 12,000 lbs & 4,408 lbs with an internal brake and fast re-spooling system.

One storage/area is provided with the mast frame. Mast can be rig-up within 20 to 25 minutes by two trained and certified operators.

Capability :

Designed for light duty to super heavy duty wireline application.

Slickline : 0.092" - 0.140"
Braided line : 3/16" - 5/16"

Safety :

During Rig-up and Rig down: Max wind speed 25 to 30 mph. Mast should be secured with deck all the time with the help of additional guy ropes.

During operation: Max wind speed with guy ropes 60 mph.

Operation : Mast is hydraulically erected.

The Operator Console :

Stainless Steel colour coded engraved with english letters.

Hydraulic :

Operation of Mast can be done from standard open-loop hydraulic power pack.

Aeroquip or Holmbury hydraulic quick connectors fitted.



Mast Capacity :

Maximum lifting capacity by cargo winch : 11,000 lbs.
Max lifting capacity by man rider winch : 625 lbs.
Column load SWL : 22,000 lbs.

Optional Accessories :

- Light weight 27 hp diesel engine driven hydraulic power pack.

Optional Items :

- Spare wireline sheaves 2 x 7/32".
- Spare wireline sheaves 2 x 5/6" wire rope sheave to be provided for running wireline overhorse head.
- Air Driven power pack.
- Shock-Absorbing Lanyard, Full body harness vest style standard & Self-Retractable lifeline 310 lbs (Climbing safety) for fall protection of climber.
- Anti-two-block safety for high hook warning.

Painting :

- No painting required on aluminum surface of mast.
- All steel materials are sandblasted to Sa 2 1/2, and are painted with three stage painting process with inorganic zinc primers and customer supplied color code single stage Jotun hard top.



Note : Specifications may change based on equipment design configuration.