Soft Rope Floats and Allows Heavy Loads to Go Deep

Soft Rope winches can be a bit finicky. Logan's approach to soft rope is to allow the overboard load to vary and keep the storage tension on the surface constant. We have found this to be the most consistent way of managing this type of rope over long duty cycles. This type of system is called a traction winch and we are experts at designing and manufacturing them. We know the little details that keep this rope in service for a long time, and we have a track record to prove it. Our first traction winch for soft rope has been in service in an active field 200 miles offshore and made hundreds of trips to a depth of 9300 feet sea water. This unit has saves our customer millions of dollars in operational expense and has provided a new way for them to plan operations as they develop their field.

We have been involved with periodic testing of the rope to validate our system, and they have passed with flying colors.

Our system is so robust, it has been able to skip the standard 5 year maintenance / overhaul cycle and is just now coming in for major overhaul 11 years after going into service.

We are quite proud of this unit and the service it has provided our customer for over a decade. We can design one for you. Give us a call.

**SPECIFICATIONS**

- Max Gross System Weight: 115,000 lbs
- Rope Type: Sampson's Q12, Soft Rope, 2.5 inch diameter
- SWL: 160,000 lbs and 9700 feet of 2.5 inch soft rope
- Speed: 50 feet / minute
- Input requirements: 2 x 200 Hp HPU (comes with system)
- Primary drive: Closed Loop Hyd. Power, Bull gear and Pinions
- Braking: Dual Fail safe / spring set and dynamic brake valves
- Hazard area rating: Class 1 / Division 2