



Heave Absorber

Description

It is specially designed for suction anchor installation.

The heave absorber, mounted between the winch and the load, limits the cable tension between upper and lower limits. It is working like a spring. The heave absorber is mounted on a skid.

The skid consists in :

- 1 base frame with guide rails and sheaves support.
- 1 hydraulic jack.
- 2 horizontal sheaves, with carriage guided with rollers along the rail and attached to the rod end of the hydraulic jack.
- 2 vertical sheaves.
- Rollers mounted in front of the sheave to guide the cable.
- 1 piston accumulator oil/nitrogen certified by DRIRE.
- 1 Nitrogen reservoir certified by DRIRE.

This heave absorber is calculated to be in the central position at a certain load. But this can be adjusted with the Nitrogen pressure.



500 T. Hydraulic Jack with nitrogen reservoir.



8 m. absorbing stroke for 200 tonnes suction anchor.