

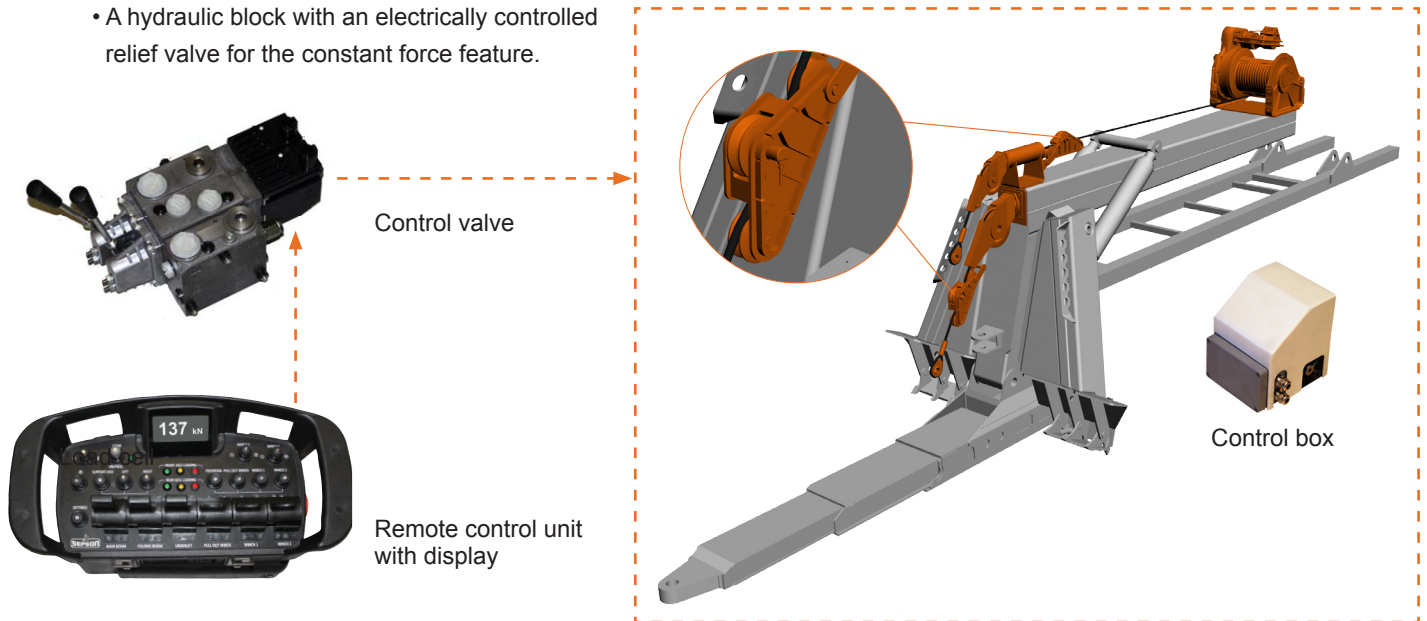
Sepson LoadReader and Sepson Constant Force make recovery work safer

Sepson's unique features make recovery work safer. Sepson LoadReader and the Sepson Constant Force feature help users to guard against unwanted situations in the recovery work. The LoadReader continuously displays the rope tension, enabling the users to adapt the force and work more efficiently. The risk of overloading the attachment points on the recovery object is minimized. Sepson Constant Force solution ensures that the winch has the same maximum force on all rope layers. This means greater safety in the recovery work and an opportunity to use a thinner, longer rope.

The system is entirely internal and does not affect other control systems of the winch. The winch can be operated manually or by a remote control unit.

The system consists of:

- A load cell installed as a rope guide or integrated into winches with a rope spooling device.
- An electronic control unit.
- A hydraulic block with an electrically controlled relief valve for the constant force feature.



How the LoadReader works

The load cell communicates the load to a control unit that through a radio transmitter continuously sends the current load to the handheld display.

How Constant Force solution works

The load cell sends signals to a hydraulic relief valve so a constant force is obtained. The actual load can be shown on a fixed display or on the remote control's display.

The system is certified according to MILSTD461, MILSTD1275 and ESD.

