



## Winch Load Measurements

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- **Winch Load** - Monitored from the base of the winch or through the cabular(1) pulley wheel to ensure that any over tolerance loads are monitored and alarmed.

Active Load have supplied many load cells for winches to monitor the loads in the chain or cable.

When the base(3) of the winch is used to place load cells it can be done using either load pins or compressive load cells.

If the load measured can be monitored only when the winch brake(2) is activated the load pins in the brake mechanism can be used.

Some winches are multi-layer wire rope and are more difficult to solve. If load cells are place under the base to monitor the turning moment applied by the rope tension, the effect changes as the layer changes the turning moment.

We have a range of running line tensiometers that can be fitted to the spooling mechanism.



