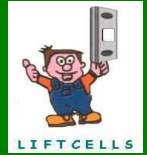


Tensiometer Systems



Tensiometer for Winches & Mobile Cranes

STANDARD SERIES

Hoist rope Ø

◇ Model 1 - 10mm to 19mm



◇ Model 2 - 22mm to 28mm



◇ Model 3 - 32mm to 38mm

◇ Line-Riders & mounting arms



Model 1 fits ropes from 10mm through 19mm .

Model 2 fits ropes from 22mm through 28mm.

Model 3 fits ropes from 32mm through 40mm.

Contact us for other models.

System Overview

Simple reliable design.

Prevents stress and breaking cables.

Designed to continually monitor tension loads on wire rope.

Tensiometers are put to use on mobile cranes.

Drilling rigs to measure drill bit pressure.

Towing applications for ships or the fishing industry.

The design is simple. Three precision roller bearing sheaves are mounted in a rigid frame. The rope to be monitored is threaded through the sheaves. As tension increases the centre sheave applies pressure against the load pin load cell. This force is transmitted as an electrical signal to the display as a direct reading of the line tension.