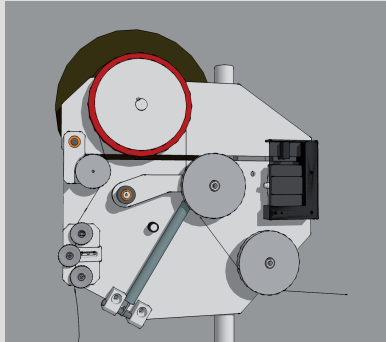
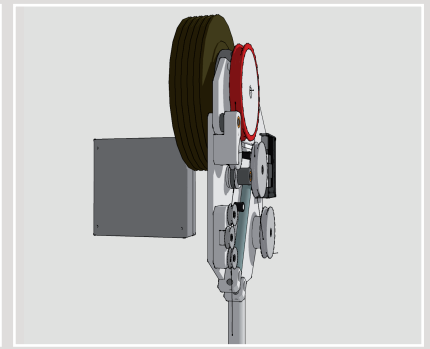
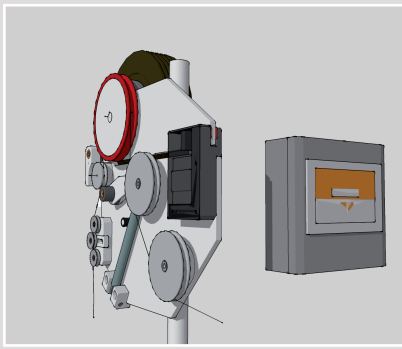
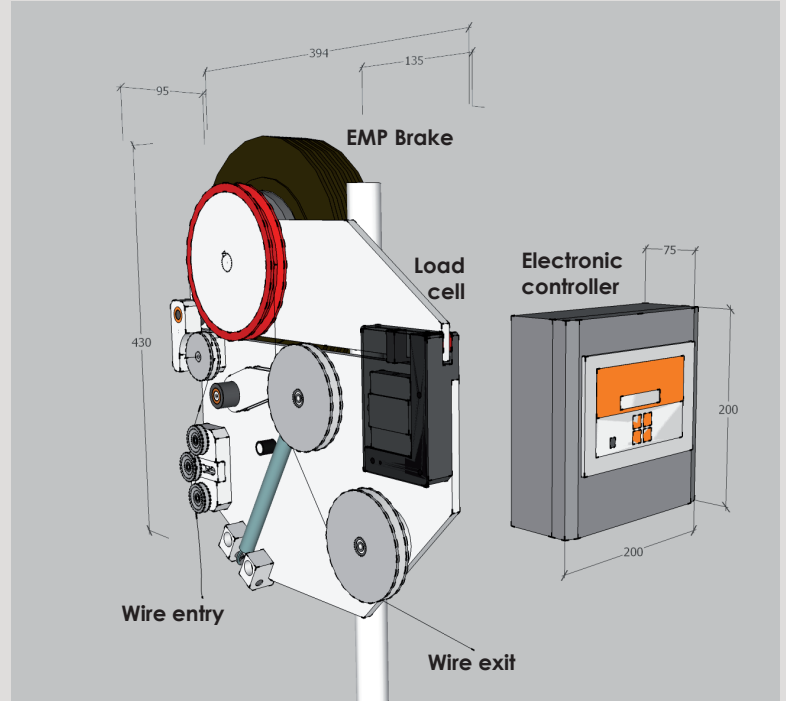


Based on an up-to-date **closed loop force control system**, highly reliable **EMP Brakes**, and high accuracy **load cells**, ALTIC's Electronic Tensioners are the ultimate wire tension control solution !

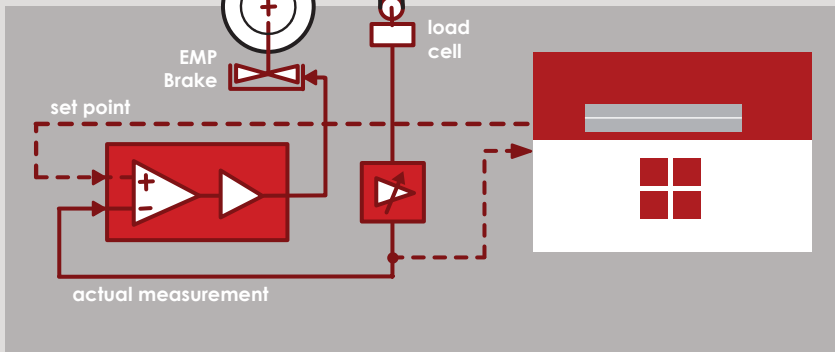


Direct tension closed loop control:

The torque in the EMP brake is monitored by the internal digital controller, by using the real time difference between the set point value (coil winding tension) and the actual tension on the wire. The wire tension is fully available as an analogue output voltage.



ETC 30000 principle



Power supply : 24 v DC  
Max current consumption : 1.8 Amp

[www.coil-winding-tensioners.com](http://www.coil-winding-tensioners.com)

Wire / Tension



Working range

- wire tension range from 1 to 30 kg,
- copper wire diameter from 0.4 to 3.0 mm

Features

- easy-to-read digital display showing both the wire tension set point and the actual measured tension.
- two keys can be programmed to memorize two different wire sizes
- adjustable dynamic (operating) tension, static (back) tension, size of wire, and speed threshold.