



Tensioners



AQT-01A-15 Tensioner

General

The AQT-01A-15 tensioner is a horizontal caterpillar track system for the handling of flexibles, umbilicals and steel pipe. The unit is powered by an electro hydraulic powerpack and operated from a remote control cabin or from the tensioner structure itself. The unit can be set to operate automatically in pull-in, pay-out, constant tension or render mode. Speed, tension and product distance are displayed on a control console. The maximum compressive force of this unit is 60Te. The system can be transported on a standard 40' articulated truck. An external power supply of 440V, 3-phase, 75kW, 50/60Hz is required using a 250kVa generator or alternative power supply. In addition a 13 amp single-phase supply is required for the emergency shutdown system.

Performance

Line Pull:

- 0-15Te

Speed:

- 0-1,120m/hour

Track Contact length:

- 2.4m

Product Capacity:

- 64-500mm ϕ

Max. Track Opening:

- 760mm

Max Track Squeeze:

- 60Te/track

Note: The product capacity in this data sheet is for guidance only. Product outwith these parameters can be accommodated in the tensioner by changing the pad profile.

Dimensions and Weight

Description	Tensioner	Control Cabin	Powerpack	Spares Container
Length	4.8m	1.6m	2.4m	2.3m
Breadth	2.85m	1.6m	1.3m	2.0m
Height	2.0m	2.2m </td <td>2.2m</td> <td>2.3m</td>	2.2m	2.3m
Weight	10Te	1Te	2Te	2Te

The tensioner has a frame for mounting it 90° to operate as a side loading tensioner.

If required, a boltable base frame (362mm deep) can be supplied with the tensioner. The tensioner base frame has pre-drilled holes on the base. A general arrangement of the frame can be supplied on request.

Note: The powerpack is supplied with 10m hydraulic supply hoses and 20m long power cables as standard. Longer hoses or cables can be supplied on request.

