



Description:

A horizontal caterpillar twin track tensioner system for the handling of flexible pipe, umbilicals, cable and steel pipe from 50 mm to 350 mm diameter. The track grip force is applied by two hydraulic cylinders attached to the movable track frame.

Specification:

Dimensions	4.5 m x 2.23 m x 1.65 m
Weight	7.5 Te
Rated pull	5 Te
Track grip force	5 - 22 Te (2 T/m - 8 T/m)
Maximum lay speed	1500 m/hour
Track contact length	2.8 m
Product capacity	50 mm to 350 mm diameter
Hydraulic supply	110 l/min / 60 bar maximum
Operating modes	Manual (haul in / pay out - 5 Te) Render (holdback 2 - 5 Te) Constant tension (haul in 1 - 5 Te)
Control	Local & remote in control cabin
Instrumentation	Line measurement / line tension / line speed / grip pressure Optional external LCD display unit available



The system is designed to be operated from a standalone diesel or electric hydraulic power unit. The unit can be operated locally from manually controlled valves although the primary control and instrumentation is provided on a remote control desk situated in the control cabin. The control panel displays information on grip pressure, system pressure, distance and tension. Various alarm modes may be set as required.