



SPARROWS

VERTICAL TRACK | MODEL BS184

5TE HYDRAULIC TENSIONER

SPECIFICATION SUMMARY

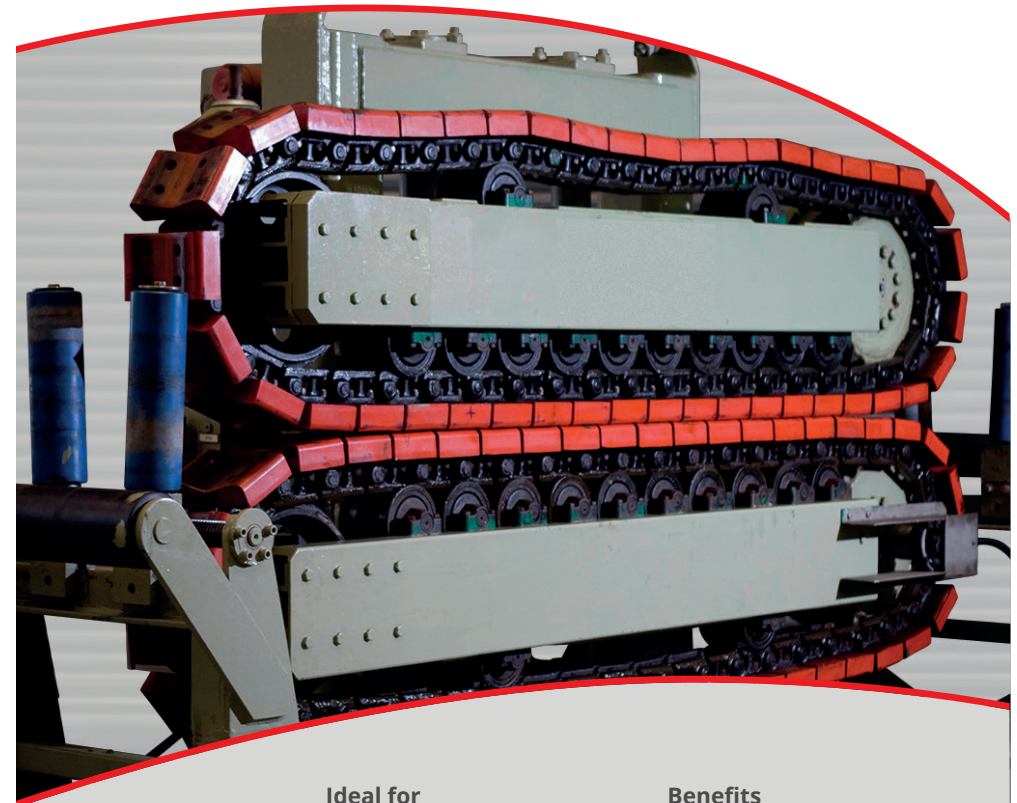
| | |
|--|------------------------------|
| Max pull force outboard from idler end | 5Te SWL |
| Max pull force outboard from gearbox end | 2.5Te SWL |
| Number of tracks | 2 |
| Coefficient of friction | 0.21 |
| Max total grip force | 24Te |
| Max grip per track | 12Te/track |
| Product crush force | 8.57Te/m/track |
| Track contact length | 1.4 m |
| Max speed | 1200m/hour |
| Height to track centre line | 1160mm |
| Track opening | 400mm* |
| Product size range | 50mm to 300mm * |
| Operating pressure max | 210bar |
| Product loading | Side loading or feed through |

MODES OF OPERATION

| |
|------------------------|
| Pay-in variable speed |
| Pay-out variable speed |
| Haul in variable speed |
| Tension holdback |

TENSIONER DISPLAY INFORMATION

| |
|------------------|
| Product distance |
| Product speed |
| Product grip |
| Product tension |



Ideal for

- Wire rope spooling
- Cable and umbilical spooling / lay
- Carousel loading towers / level winders.

Benefits

- Small footprint
- Entry and exit guidance level remains same
- Simple machine to control and operate
- Removable tilt down guide rollers and outer grip cylinders to facilitate side loading.



*Track pad dependent

TENSIONER

The robust caterpillar tensioner consists of two vertically orientated track carriages with polyurethane 'V'-shaped pads. One track is fixed to the sub frame while the other track slides on two steel shafts moved by the grip cylinders and pivots to accommodate for small product diameter variations. The tensioner is mounted to its base frame through load cells and flexible mounts.

HPU

The Hydraulic Power Unit (HPU) is contained within a steel box space frame. The electrical supply required 45kW; 3 phase; 440V; 50/60Hz. Hydraulic output is 105L/min (50Hz) at 210bar from main transmission pump, and 11L/min (50Hz) at 210bar from grip pump.

DELIVERY ASSURED

For more information please visit www.altradsparrows.com



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