



Dynamic tensioning technology optimises the performance and total operating cost of various belt driven equipment. Whether designed in, or retrofitted, ROSTA dynamic tensioning systems improve serviceability and increase the safety, reliability, and efficiency of the belt drives.

MAINTENANCE & SAFETY

- No requirement to move of motors for fitting or re-tensioning of the drive belts
- All belt drive maintenance can be conducted with a quick, simple procedure using only a standard wrench tool
- Reduced risk of drive component failures, avoiding unscheduled maintenance operations

PERFORMANCE & RELIABILITY

- Automatic compensation of drive elongation with no routine manual tensioning adjustments being required
- Extended service life of drive components due to significant wear reduction. Belts and bearing by 2-3 times on average, depending on type and manufacturer

OPERATING & MAINTENANCE COST

- Reduced energy consumption by 3-6% (depending on application) through optimised drive efficiency
- Substantially reduced time and resources required to fit, replace or re-tension the drive belts. Typically by over 50%
- Avoiding unplanned downtime due to protection from torque peaks and shock loads through damping