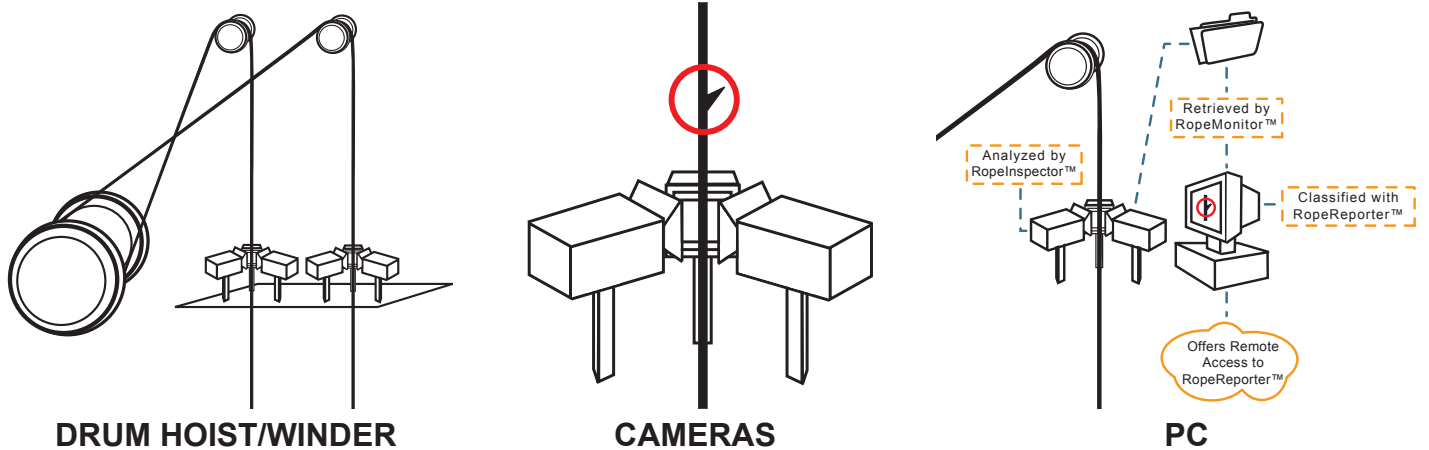


# RopeInspector™

## Automated Visual Rope Inspection - Full Speed Continuous Monitoring

The RopeInspector™ system automates regulated visual rope inspection by providing 360° coverage at full speed. Potential defects are captured via RopeMonitor™ and sent to the RopeReporter™ for offline inspection and review. RopeInspector™ increases available maintenance time, hoisting capacity and worker safety.



### Benefits

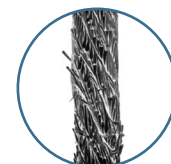
- **Increase Hoisting Capacity** - Automated inspection will add hours to your weekly production schedule
- **Increase Available Maintenance Time** - The additional time can be used to meet maintenance requirements
- **Improve Worker Safety** - Workers do not need to be near moving ropes
- **Reduce Equipment Damage** - Early detection of rope failure
- **ROI < 5 weeks**

### Features

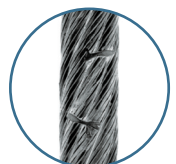
- "Watches" hoist ropes 24/7
- Provides 360° rope coverage
- Observes ropes at up to 20 m/sec
- "Sees" defects < 10 mm in size
- Detects nicking, bulging (birdcage) and fraying
- Identifies potential defect rope locations
- Allows offline potential defect analysis
- Files a daily defect report
- Meets regulatory requirements
- Uses digital capture technology
- Web enabled application
- Built-in safety features
- Optional alarming capability available



BIRDCAGE



FRAYING



NICKING

### Hoisting Applications

- Single Drum
- Double Drum
- Koepe (Friction Hoist)
- Blair Multi-Rope
- Conical Drum
- Spiral Drum



**BESTECH**  
www.bestech.com