



# High-Speed Video Applications

## Paper Products

- **Machinery Design and Development**

By allowing engineers to record and measure events that the eye cannot see, high-speed video can significantly shorten the development cycle for new machinery. Engineers can record a high-speed operation, make adjustments, re-record the event and immediately analyze the cause and effect relationships.

- **Production Line Speed-up**

Production line output can often be increased by allowing production and packaging engineers to clearly see and understand complex electro-mechanical interrelationships as machine speeds are increased. An increase in productivity not only lowers unit costs but may also help eliminate or defer the need to purchase new equipment.

- **Troubleshooting**

Costly downtime can be reduced because maintenance engineers can more quickly and efficiently diagnose and correct equipment malfunctions. If they can see it, they can fix it!

- **Predictive/Preventative Maintenance**

Many companies schedule specific times for preventative maintenance on their production lines. Effective use of high-speed imaging can help extend the time between PM's by letting maintenance engineers see, analyze and fine-tune the line so that key mechanisms can be adjusted to last longer.

- **Equipment Set-up and Changeovers**

High-speed imaging can shorten the time needed to set-up and fine-tune equipment after either scheduled downtime or line changeovers. By helping production and packaging engineers lock-in adjustments more quickly, total output can be significantly increased.

### Typical applications include:

- ✓ Diapers
- ✓ Feminine care products
- ✓ Tissue products
- ✓ Head-box analysis
- ✓ Roll transfer and splice
- ✓ Water knife adjustment