

**CARLISLE**

BELTS BY TIMKEN

# Panther<sup>®</sup>

Synchronous Drive Belt

**PANTHER**  
SYNCHRONOUS DRIVE SYSTEMS



## Performance Driven. Performance Proven.

- High performance advanced polymer compound
- Graphite impregnated fabric facing for improved wear resistance
- Optimized cord for high torque loading
- Superior performance in HTS<sup>®</sup>, PowerGrip<sup>®</sup> GT<sup>®</sup>2 and RPP<sup>®</sup> sprockets as well as HPPD, Hawk Pd<sup>®</sup> and HTD<sup>®</sup> sprockets\*
- Available in 8, 14, and 20mm sizes

MADE IN USA  
**USA**

[www.carlislebelts.com](http://www.carlislebelts.com)

# Panther<sup>®</sup> Synchronous Drive Belt



## Panther Synchronous Drive Belt

- ULTRA-CORD<sup>®</sup> TENSILE MEMBER
- ADVANCED POLYMER COMPOUND
- MAINTENANCE-FREE
- ENERGY EFFICIENT

Panther<sup>®</sup> belts are designed to improve performance and drive life while reducing maintenance and downtime. The energy efficient Panther belt offers higher torque capacity than the Carlisle<sup>®</sup> Synchro-Cog<sup>®</sup> HT belt and conventional synchronous belts.

### Strong

Designed with our Ultra-Cord non-aramid fiber tensile member that delivers strength and dimensional stability.

### Resilient

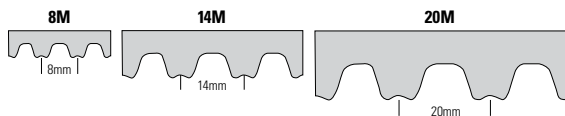
Uniquely engineered teeth are made of an advanced polymer compound which increases both the strength and abrasion resistance of the teeth.

### Energy Efficient

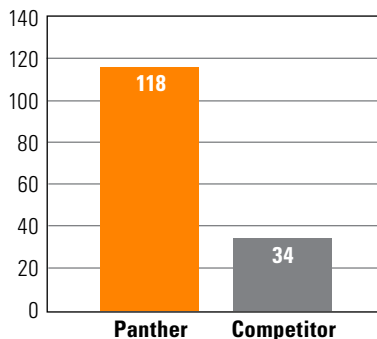
Panther belts perform at 98% operating efficiency for reduced energy consumption.

### Panther Power

Panther belts offers higher power ratings than conventional rubber synchronous belts.

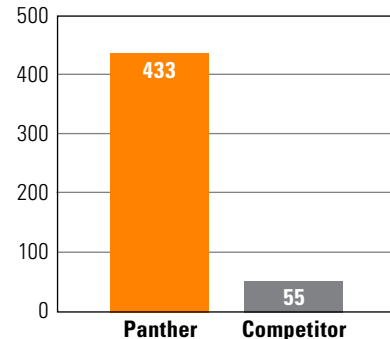


### Accelerated 8M Belt Life Test



Average hours in PGGT2\* sprockets  
High Torque, High Tension, 3000 rpm

### Accelerated 14M Belt Life Test



Average hours in PGGT2\* sprockets  
High Torque, High Tension, 1800 rpm

\* Hawk Pd<sup>®</sup> is a registered trademark of ContiTech AG or its affiliates. HTS<sup>®</sup> is a registered trademark of Martin Sprocket & Gear, Inc. PowerGrip<sup>®</sup>, GT<sup>®</sup>, and HTD<sup>®</sup> are registered trademarks of Gates Corporation or its affiliates. PGGT2 = PowerGrip<sup>®</sup> GT<sup>®</sup>2

# TIMKEN

The Timken team applies their know-how to improve the reliability and performance of machinery in diverse markets worldwide. The company designs, makes and markets high-performance mechanical components, including bearings, gears, chain, belts, couplings, and related mechanical power transmission products and services.

**Stronger. By Design.**



For full warranty details see our catalog or go to [www.carlislebelts.com/warranty](http://www.carlislebelts.com/warranty).

[www.carlislebelts.com](http://www.carlislebelts.com)