



**DRIVEN BY POSSIBILITY™**

THE DRIVE OF CHOICE WHEN REPLACING CHAIN:

# **POLY CHAIN® GT™ CARBON™ EXTENDED LENGTH**

**ENGINEERED FOR MAXIMUM FLEXIBILITY, EFFICIENCY AND EXTENDED LIFE**

**NOW IN 19M PITCH TO REPLACE EVEN  
BIGGER ROLLER CHAIN, OPEN GEARS  
AND WIDE V-BELT DRIVES.**

Gates Poly Chain® GT™ Carbon™ belts are renowned for high performance with no maintenance. Now Gates introduces a Poly Chain® solution that can handle longer center distances than ever before.

Poly Chain® GT™ Carbon™ Extended Length belt drive solutions now handle longer center distances than ever before — producing lengths up to 20,000mm that deliver the high load carrying capabilities you require to get the job done.

From resource processing to heavy manufacturing, automated production to custom assembly — Gates solutions improve uptime, efficiency, productivity, reliability and safety for industries around the world.

**More than you expected. Everything you need.**

## **FEATURES + BENEFITS**

**GATES proprietary carbon fiber technology and manufacturing processes enable:**

- **Longer Lengths** for longer center drive distances
- **Optimum Performance** — Designed to withstand shocks, surge loading and heavy abrasion in all applications, including high torque, low-speed drives
- **97% lighter** than roller chain for improved ergonomics
- **Zero Maintenance** — No stretch, no re-tensioning and no lubrication. ever
- **Increases Uptime** — Multi-year service life up to 3X longer than roller-chain
- **Longer Sprocket Life** — With no metal-on-metal wear, sprockets for Poly Chain® have 10X the life of roller-chain sprockets





DRIVEN BY POSSIBILITY™

# SAFER, STRONGER BELT-DRIVE SOLUTIONS

POLY CHAIN® GT™ CARBON™ EXTENDED LENGTH:

## UNCHAIN YOUR OPERATIONS

Discover the superior performance, uptime, reliability and total cost of ownership with Gates® Poly Chain® belts for factories, plants and other industrial equipment.

Combining advanced materials science and process engineering, Gates belt-driven solutions eliminate the lubrication and tensioning hassles and downtime of roller chain — freeing up greater productivity and more time to pursue profitable activities for your business.

### WHY GATES® POLY CHAIN®?

- Extended Life
- Zero Maintenance
- Longer Lengths
- Maximum Flexibility
- Improved Safety
- Optimum Performance
- 97% Lighter than Roller Chain
- Improved Operating Conditions + Ergonomics
- Rust Free + Safe for Use in Food Handling Spaces
- Reduced Environmental Risk
- No Stretching
- Increased Uptime

#### INDUSTRIES + END MARKETS

Asphalt + Cement Plants

Aggregates + Bulk Materials

Agriculture + Grain Silo

Timber Mills

Oil + Gas

Food Processing

Packaging + Automation

#### APPLICATIONS

Bucket Elevators

Vertical Lift Systems

Transport Conveyors

Leg Elevators

Fans + Pumps

Direct Contact Conveyance

Horizontal + Vertical Positioning

### PRODUCT SPECIFICATIONS

- Custom belt lengths in any tooth count (within min/max length range) without the expense of traditional belt molds
- Robust carbon tensile cord combines minimal stretch with extraordinary strength and load carrying capacity (equal to roller chain) while absorbing shock and surge loads
- Fully operational in temperature extremes of 54°C to +85°C (-65°F to +185°F)

#### GATES AUSTRALIA PTY LTD

1-15 Hydrive Close, Dandenong South, Victoria, 3175  
PH: +61 3 9797 9666 FAX: +61 3 9797 9600

#### GATESAUSTRALIA.COM.AU

FOLLOW: GATES AUSTRALIA

