



POLY CHAIN® GT® CARBON™

INDUSTRY LEADING POWER TRANSMISSION TECHNOLOGY



UPDRIVE

- **verb:** to improve productivity + profits
- **noun:** actualized results

• MORE EFFICIENT

• LONG LASTING

• LIGHTWEIGHT

• LESS MAINTENANCE

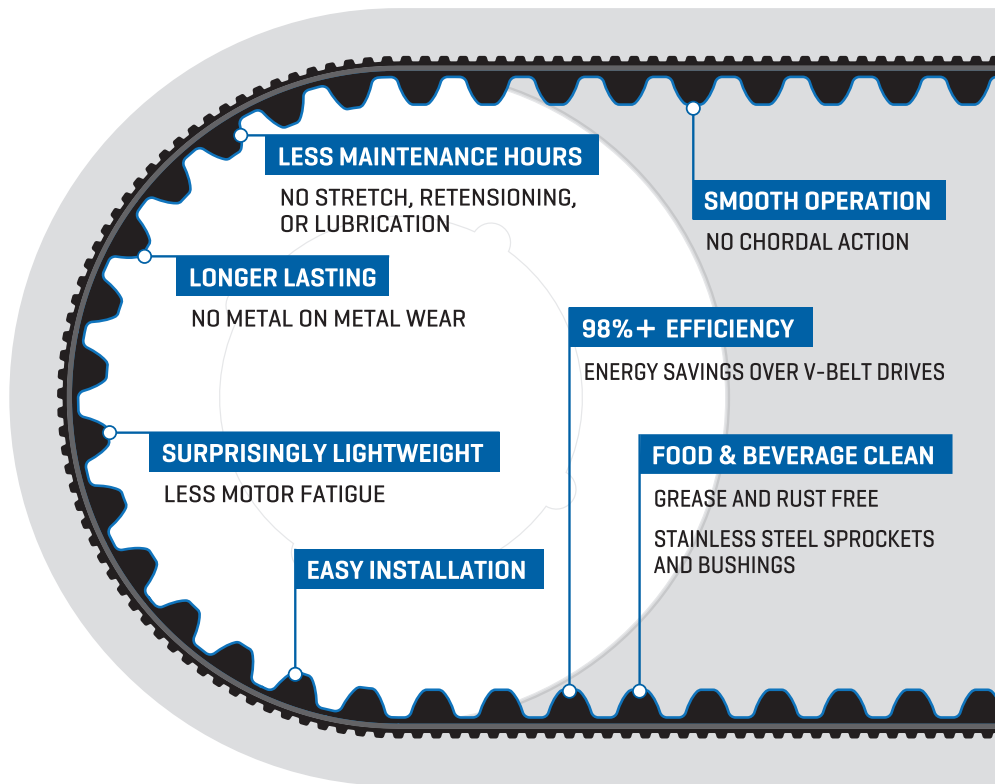


POLY CHAIN® GT® CARBON™

UPDRIVE

with Poly Chain GT Carbon synchronous belts – eliminate downtime and increase production and profits.

Gates Poly Chain GT Carbon is the profitable solution to replace roller chain, gears and large V-belt drives. Our industry leading power transmission technology drives savings day after day.



INTRODUCING

GATES POLY CHAIN GT CARBON EXTENDED LENGTH

Poly Chain drive solutions now handle longer center distances than ever before.

MANUFACTURING CAPABILITIES PITCH: 14mm & 19mm

Minimum Length: 4480mm

Maximum Length: 10,000mm – 20,000mm *

Minimum Width: 37mm

Maximum Width: 300mm

LEARN MORE:

www.gates.com/extendedlength

* Maximum belt lengths are influenced by belt width.

TEMPERATURE RANGE

-65°F (-53°C)

POLY CHAIN

+185°F (+85°C)



MAINTENANCE LABOR SAVINGS



LOWER COMPONENT COSTS



LUBRICATION, CLEAN UP, AND
DISPOSAL: ELIMINATED

Save more than you think:

www.gates.com/chainpain

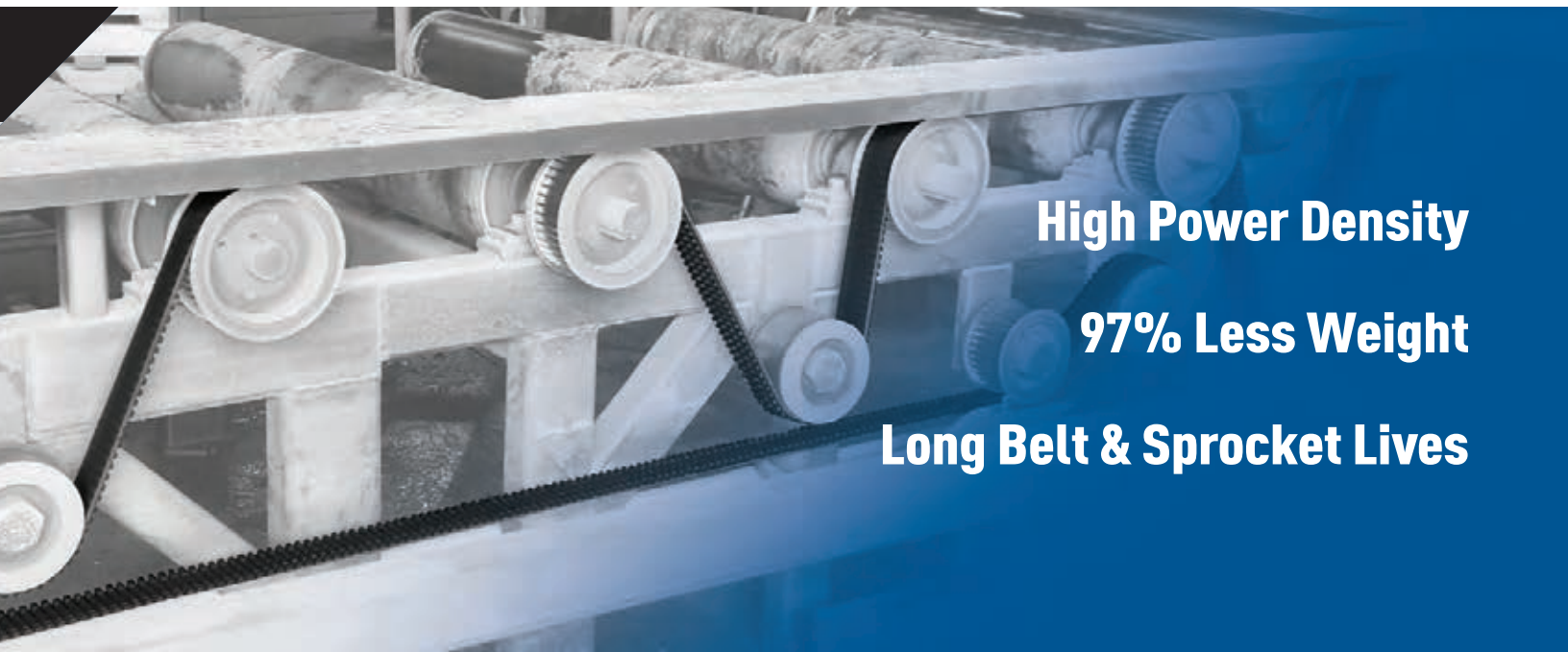
\$276K

\$10K

\$53K

\$330,000
Annual Savings*

*NOT INCLUDING INCREASED
PRODUCTION PROFITS



High Power Density

97% Less Weight

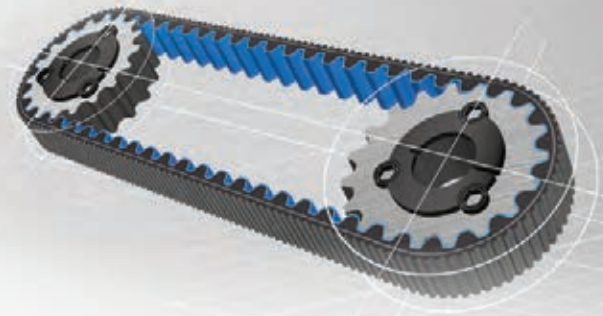
Long Belt & Sprocket Lives



Improve Drive Performance

Whether you're developing, tweaking or validating your design, Gates has the resources you need.

GatesDesignCenter.com



19M

19M POLY CHAIN® GT® CARBON™

Welcome to the BIG TIME

Now in 19M pitch to replace even bigger roller chain, open gears, and wide V-belt drive systems.

20 POUNDS PER FOOT LIGHTER, YET:

- > Strong enough for the job
- > Equal in performance
- > Superior life in adverse conditions

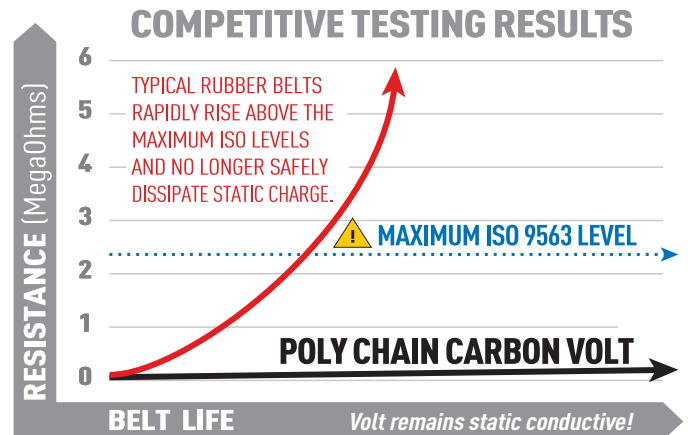
VOLT

POLY CHAIN CARBON VOLT™

Antistatic Excellence – Start to Finish

Poly Chain Carbon Volt belts maintain static conductivity to ISO 9563 levels many times longer than the competition. No other rubber or polyurethane belt can match it.

Remember, when belt drive systems are located in potentially hazardous environments, a secondary means of dissipation such as static grounding brushes is recommended.



ADV

POLY CHAIN ADV™

The strongest belt in the industry

At 15% stronger, Poly Chain ADV is the answer for challenging applications with limited space requirements.

WHEN POLY CHAIN REPLACES
ROLLER CHAIN

97% WEIGHT SAVINGS

100% MAINTENANCE SAVINGS

NARROWEST+LIGHTEST DRIVES POSSIBLE

WHEN POLY CHAIN REPLACES
V-BELTS

82% WIDTH SAVINGS

49% WEIGHT SAVINGS

21% COST SAVINGS

48% LESS FORCE ON BEARINGS

