POLY CHAIN® GT® CARBON™ EXTENDED LENGTH

RETHINK LONG CENTRE DISTANCE DRIVES

In the past, large and heavy roller chains were the only option for long centre distance drives. By introducing the Poly Chain® GT™ Carbon™ Extended Length belts, Gates offers you a **much cleaner and more compact** drive solution at the same or higher power capacity.

Their unique construction makes all Poly Chain® belts extremely tough and virtually immune to abrasion and chemical attack. They **do not require re-tensioning or lubrication** and make an excellent alternative to roller chains.

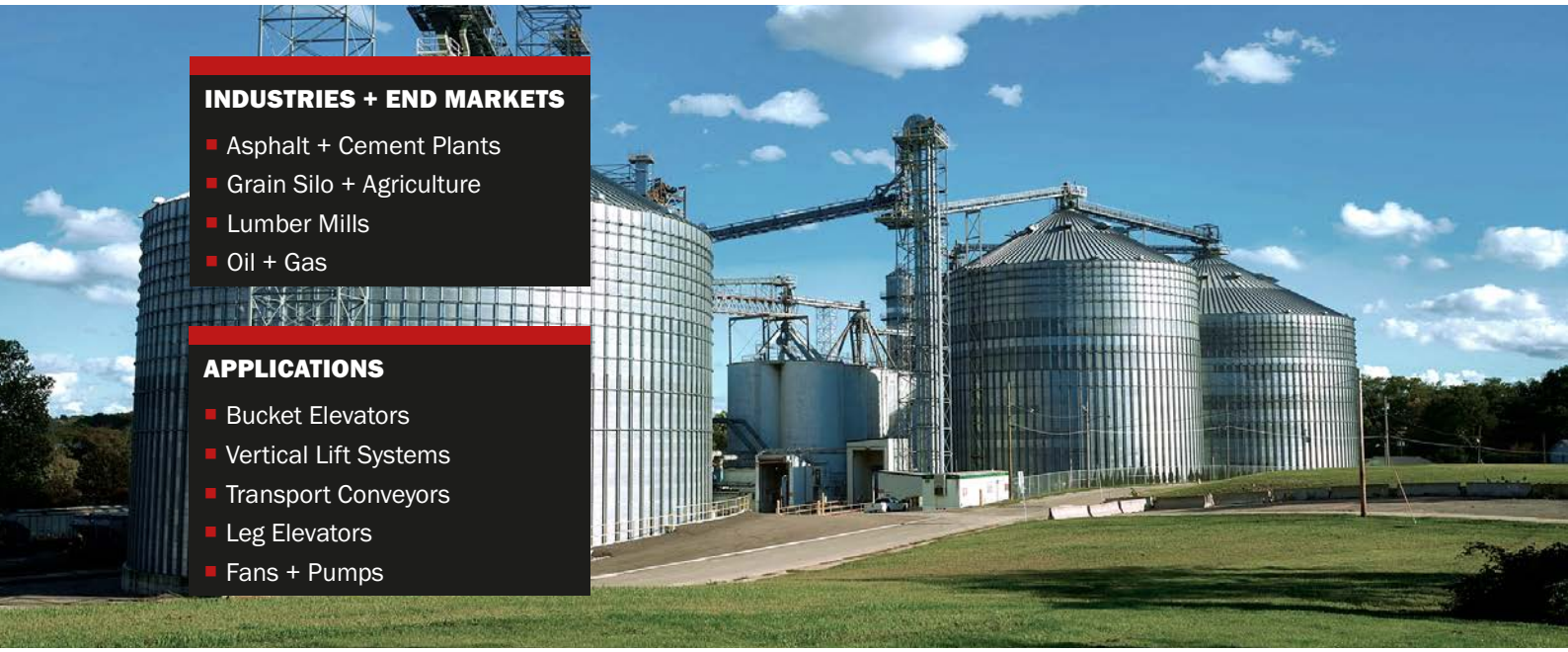
Making the switch from chain to Poly Chain® belt drives results in **large cost-savings and capacity improvements** every time.

FEATURES + BENEFITS
Lightweight (96% less)
Service-free: no stretch, no re-tensioning, no lubrication
High power density
Long belt and sprocket life
Length up to 20 metres
Improved employee safety & operating conditions

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

POLY CHAIN® PRODUCT SPECIFICATIONS	
CONSTRUCTION	Robust carbon tensile cord combines minimal stretch with extraordinary strength and load carrying capacity - equal to roller chain - while also absorbing shock and surge loads.
LENGTH RANGE (PITCH LENGTH - MM)	4578 – 9660. Other lengths are available on request in any tooth count up to 20 metres.
TEMPERATURE RANGE	-54 °C to +85 °C
STANDARD	Poly Chain® Carbon™ Volt® belts (*) meet ISO 9563 and can be used in the conditions described in the directive 2014/34/EU-ATEX.

* Poly Chain® Carbon™ Volt® belts are available in 8 and 14 mm pitch in lengths from 640 - 4480 mm.



INDUSTRIES + END MARKETS

- Asphalt + Cement Plants
- Grain Silo + Agriculture
- Lumber Mills
- Oil + Gas

APPLICATIONS

- Bucket Elevators
- Vertical Lift Systems
- Transport Conveyors
- Leg Elevators
- Fans + Pumps

ROLLER CHAIN VS. 19M POLY CHAIN® GT™ CARBON™

ROLLER CHAIN	19M POLY CHAIN®
200-2	19 MM PITCH, 125 MM WIDTH
LENGTH: 5600 MM	LENGTH: 5605 MM
WEIGHT: 33 KG/METRE	WEIGHT: 1.3 KG/METRE
RECOMMENDED MAINTENANCE: LUBRICATE. REPEATEDLY. RETENSION. REPEATEDLY.	RECOMMENDED MAINTENANCE: NONE. ZERO. ZILCH.

96% WEIGHT SAVINGS + 100% MAINTENANCE SAVINGS WITH 19M POLY CHAIN® GT™ CARBON™ EXTENDED LENGTH

Gates | DRIVEN BY POSSIBILITY™