



DRIVEN BY POSSIBILITY™

POWER TRANSMISSION: THE CHAIN-TO-BELT SOLUTION

PROVEN SOLUTIONS. ENGINEERING CAPABILITY. MATERIALS SCIENCE.

POWER TRANSMISSION SOLUTIONS
delivering improved safety, reliability and
productivity through advanced materials
science technologies.



SYNCHRONOUS BELTS

Poly Chain® GT™ Carbon™, 8M, 14M, 19M, Extended Length, Poly Chain® Carbon™ Volt™, and PowerGrip® GT™ 3.



GATES TPU BELTS

Linear fabricated, linear rolled, wide belts, flat belts, flex belts, and food belts.



METALS

Sprockets, sheaves, bushings, idlers, and machine works.

REDEFINING WHAT'S POSSIBLE
AROUND THE WORLD.

| INDUSTRIES + END MARKETS | APPLICATIONS |
|-----------------------------|-----------------------|
| Asphalt + Cement Plants | Bucket Elevators |
| Aggregates + Bulk Materials | Vertical Lift Systems |
| Grain Silo + Agriculture | Transport Conveyors |
| Timber Mills | Leg Elevators |
| Oil + Gas | Fans + Pumps |



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THE PAIN WITH CHAIN

THE BENEFITS PAY FOR THE COST TO UPGRADE: **BELT-DRIVE SOLUTIONS**



Gates synchronous belts eliminate downtime and increase production and profits. It's the profitable solution to replace large roller chains and gears.

GATES BELT-DRIVE SOLUTIONS:

- Requires no lubrication
- Virtually maintenance free
- Significantly reduces weight
- Carbon tensile cord does not stretch
- Belt sprockets are good for 2-3 belt changes
- Reduces maintenance cost
- Increases uptime
- No crane rental to replace belt
- No tensioning after installation
- Improves HSE

TRADITIONAL DRIVE SOLUTION CHALLENGES:

MAINTENANCE

- High-quality chain is expensive
- Chain stretch requires link removal
- Roller chain is heavy

HEALTH + SAFETY + ENVIRONMENTAL

- Chains are heavy and awkward to move
- Oil baths create risk: environmental, fire and occupational safety

DOWNTIME

- Frequent chain and sprocket replacement
- Continuous retensioning
- 1-2 hour downtime exceeds total cost of drive solution

REQUEST AN OBLIGATION FREE DRIVE DESIGN

DRIVE DESIGN OFFERS:

1. Complete drive design report.
2. Detailed quote, ROI with payback period (6-12 months or less).

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