



DRIVEN BY POSSIBILITY™



CASE STUDY: **POWERGRIP™ GT4™**

Bakery increases production, safety and cleanliness by converting roller chain to GT4™.

End market: Bakery

Application: Conveyor

Original parts: Roller Chain

Solution: PowerGrip™ GT4™

PROBLEM

- A bakery had roller chain drives on a conveyor that were not running smoothly, causing buns to fall off the conveyor in numerous locations. This caused production, safety and cleanliness concerns for the bakery.

SOLUTION

- Gates technical experts visited the bakery and determined the jumping teeth on the roller chain were to blame. The roller chain was replaced with a Gates PowerGrip™ GT4™ belt drive to help the conveyor run smoothly.
- The high tooth jump resistance of PowerGrip™ GT4™ prevented the belt from skipping and dramatically increased the bakery's production, safety and cleanliness since the buns were no longer being tossed off the conveyor.

INCREASE PRODUCTION WHILE REDUCING WASTE

BENEFITS

- Reduced product waste
- Increased production
- Increased cleanliness
- Increased safety
- Less maintenance – No stretch, re-tensioning or lubrication
- Increased uptime – drive