



CASE STUDY: GATES HELPS GET BAKERY ROLLING IN DOUGH

Problem:

- This major international baking company sought in-process efficiencies and cost reductions in a plant.
- They were using #50 and some #40 roller chain drives on bread line oven in-feed and out-feed conveyors.
- The roller chain drives required daily tending, adjustment, lubrication, and frequent repairs.
- The bakery was looking for a way to eliminate routine maintenance man hours, and thereby reduce costs.

Solution:

- Gates and distributor personnel assisted in designing drives using Gates Design IQ™ for idler drives and Gates Design Flex® for all other drives.

- Used Gates online Retrofit Calculator to easily and quickly identify Gates Poly Chain belt and sprocket replacements for the roller chain drives.
- They converted 15 roller chain drives on the conveyors to Poly Chain® belt drives.
- All drives were designed in one day using 8mm pitch 21mm width Poly Chain belts in various lengths.

Benefits:

- Bakery personnel installed 15 drives in one day during routine maintenance – no additional downtime required.
- With no lubrication or adjustment necessary, the Poly Chain drives fully meet customer cost-saving goals by reducing maintenance labor, lubricant expense, and disposal fees.