



CASE STUDY

Industry

Manufacturing

Application

Sheet metal de-coiler used at a fabrication facility

Original Drive Description

Single # 100 roller chain with 26 tooth driveR and 48 tooth driveN sprockets

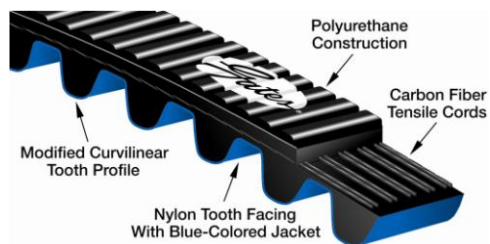


Problem

Roller chain stretched causing cutting accuracy issues. The chain had to be retensioned weekly and replaced every 6 months, while sprockets had to be replaced annually. Together, these issues contributed to lost production and skyrocketing maintenance costs.

Solution Drive Description

Poly Chain[®] GT[®] Carbon[®] drive
 14MGT-2450-125 belt
 DriveR - 14MX-60S-125 sprocket
 DriveN - 14MX-112S-125 sprocket



Benefits of Gates Drive

The new drive eliminated weekly retensioning and lubrication of roller chain, thus eliminating maintenance, downtime and lost production. First year cost savings were \$92,405.

Submitted by: Neil Muchowski



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