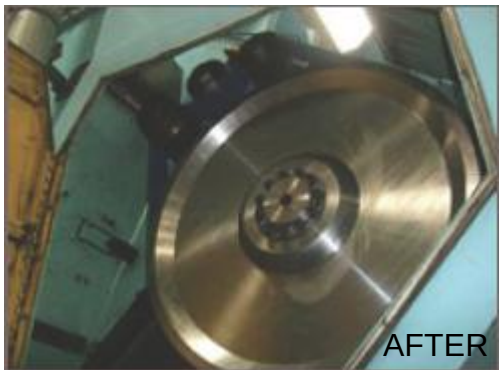
PROCESS <> SPECIALTY

CASE STUDY

Industry
Wood/Paper/Pulp

Application
Gear-driven stamping press

Original Drive Description
Each stamping press had an electric motor with a set of 24” bull gears on either side.



Problem
The continuous hammering action of the stamping press wore down the gear teeth and created slack in the system that gradually reduced production. The teeth were so heavily worn that the gears had to be replaced every 3-4 months, a replacement that cost over $18,000 per machine. The plant engineer was looking for a drive that would maintain production and simultaneously require less maintenance to solve their drive

Solution Drive Description
Poly Chain® GT® Carbon™ drive

Benefits of Gates Drive
The belt drive operated more smoothly and efficiently than the gears ever did and produced 15 products more per minute. After 10 months, the belt drive has run with no maintenance, no stretching, and no downtime, which has saved the plant thousands of dollars.