



DESIGNED TO OUTPERFORM

POWERTWIST is the ideal solution for minimized downtime and longer belt life in wood processing applications. The proof is in the numbers.

Case Study: Large European Forestry Company

Application: Timber Waste Sorter Conveyor

Annual Cost Savings: \$987.40

- 95% reduced labor costs
- Increased energy efficiency
- 4x longer belt life
- Virtually eliminated lost production costs
- PowerTwist paid for itself in 50 operating days



Problem:

1. There are 4 waste conveyors using rubber V-belts that are changed out every 6 months.
2. High labor costs to change and retension belts periodically.
3. Expensive lost production due to unexpected belt failure.

Solution: PowerTwist Wedge Belts

1. PowerTwist SPA Wedge Belting is engineered to handle the stresses of this demanding application. Belt life is expected to exceed 2 years.
2. After initial run-in period PowerTwist does not require retensioning, thus avoiding expensive maintenance costs.
3. Lost production time has been eliminated.

Calculated Cost Savings

Added Value of PowerTwist	Rubber V-Belts	PowerTwist	Difference
Operating Cost Savings			
Cost of belt per year	\$51.07	\$48.94	\$2.13
Labor Costs Savings			
Time needed to change belts	\$30.91	\$1.61	\$29.30
Production - LessDowntime			
Cost of lost production due to belt changes and retensioning	\$179.20	\$0	\$179.20
Energy Cost Savings			
Cost of unit energy usage	\$3,622.11	\$3,585.89	\$36.22
Cost Savings per unit per year			\$246.85
Total savings for 4 units with PowerTwist Belting			\$987.40



Altoona, PA
3127 Fairway Dr.
(814) 946-5428

Erie, PA
1432 E. 12th St.
(814) 453-6871

Indiana, PA
620 Kolter Dr.
(724) 465-6181

Meadville, PA
959 Bessemer St.
(814) 724-7717

Pittsburgh, PA
514 Parkway View Dr.
(412) 788-1520

St. Marys, PA
798 Washington St.
(814) 834-7402