


Tsubaki Advantage Success Stories

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| Application No. | 4588 |
| Industry | FORESTRY Sawmill |
| Application Name | Trimmer Positioning Transfer |
| Issue | <p>The customer was running OEM supplied 81X conveyor chain on the infeed to their trimmer. These chains were operating in a planer mill environment where lubrication could not be applied to the chains for risk of contaminating the product.</p> <p>A trimmer is piece of equipment that cuts boards into the desired length for the construction market. This particular trimmer had an issue where the chains were carrying trim block through the trim box which would end up piling up on the conveyor floor on the outfeed of the conveyor.</p> <p>The combination of operating the chains lube free and the buildup of trim blocks require accelerated chain elongation and additional cleanup of the conveyor.</p> |
| Tsubaki Solution | <p>To address the lack of lubrication and accelerated chain elongation, Tsubaki recommended the chains be upgraded to 81X Lambda conveyor chain which is designed to be a self-lubricating product to extend wear life. Also, the reduce the amount of clean up as a result of the trim blocks being carried through the trimmer, Tsubaki engineers re-designed the lug attachment to push the trim blocks off quicker to allow them to drop into the waste conveyor system below as intended.</p> <p>The upgrade resulted in a life increase from 524 to 2610 days and \$34,656.58 in cost savings plus reducing the amount of conveyor clean up.</p> |
| Cost Savings | 34,656.58 |
| Product Type | Lambda chain- Lambda Drive |
| Images |  |