



Engineered Class Pulleys



Tailored to Your Conveyor System: Luff's in-house engineering team works directly with you to design custom pulleys to meet your applications specific needs.

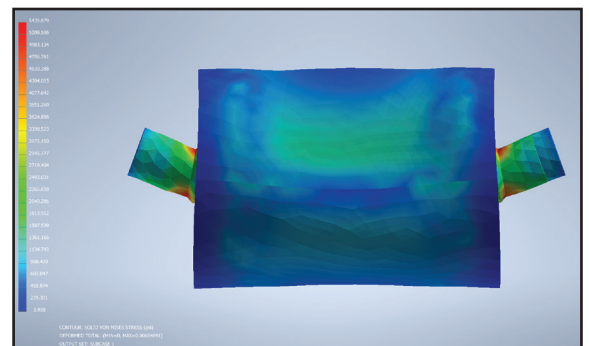
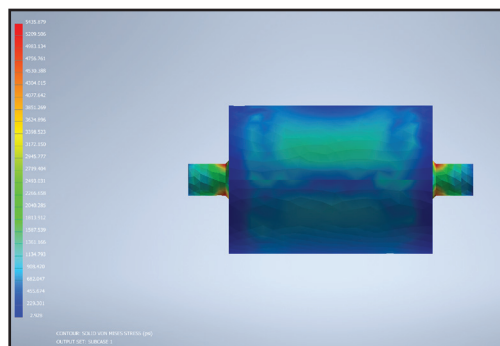
Designed for Performance & Reliability: Each Engineered Class Pulley is built with a deep understanding of your conveyor's operational demands, ensuring optimum performance, increased reliability and efficient, cost-effective design.

Advanced Engineering Tools: Luff uses Finite Element Analysis and 3D modeling techniques to develop a model for an iterative analysis of each part of the pulley individually, as well as a structurally integrated unit.

Comprehensive Design Considerations: Our pulleys are engineered with careful analysis of:

- » Fatigue stress range
- » Allowable stress limits on welded and non-welded components
- » Allowable load limits on the pulley
- » Materials and tolerances required
- » Method of construction
- » Lagging type needed

Finite Element Analysis



Conveying Performance