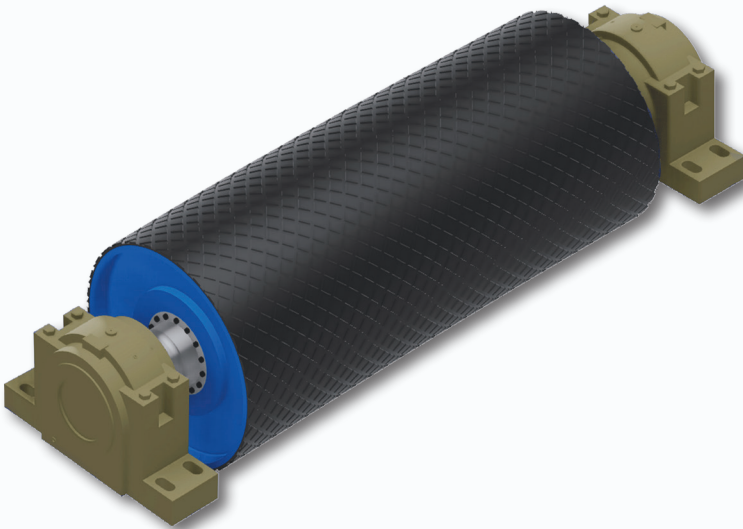


ENGINEERED CLASS PULLEYS

Luff's in-house engineering team is ready to assist with any custom designed pulleys to meet your specific needs.

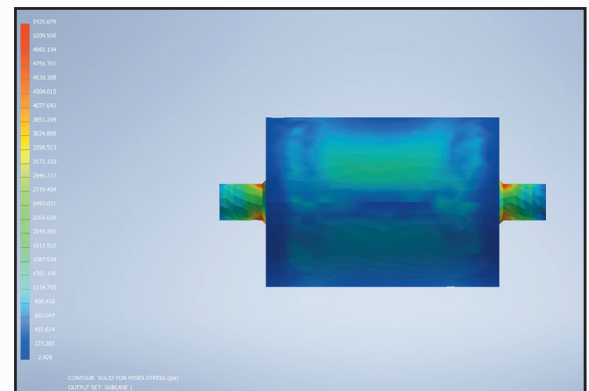


Engineered Class Pulleys are specifically designed to meet particular conveyor requirements to ensure optimum performance, increased reliability and efficient design.

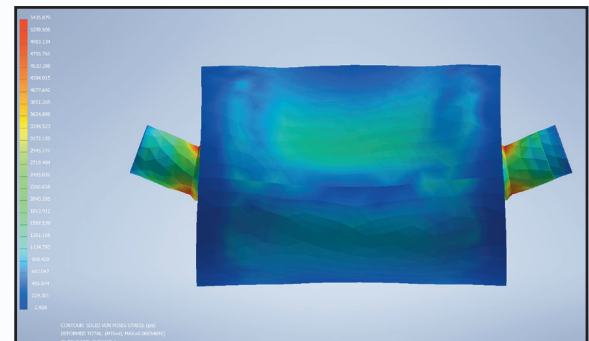
Engineered Class Pulleys examine factors like:

- 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

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.



Finite Element Analysis



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