

MTO Wheels

INDUSTRIAL BANDSAWS

PROBLEM

Mellott Manufacturing, a major log and lumber handling OEM located in Pennsylvania needed durable wheels for use on a new industrial bandsaw product development.

A 12 in. wide by 40 ft. long bandsaw blade rides on a set of two large diameter flat-face transport wheels. The upper wheel has a straight inner diameter while the lower wheel features a tapered inner diameter to allow sawdust and debris to fall away from the wheel.

SOLUTION

Mellott contacted TB Wood's based on its established reputation as a quality wheel and belted drive supplier to the forestry industry. After a review of Mellott's wheel designs, TB Wood's supplied MTO (made-to-order) 72 in. diameter, 11-1/2 in. wide ductile iron wheels to provide years of reliable performance in challenging sawmill environments. The upper and lower wheel pairs were dynamically balanced to eliminate damaging saw vibrations during operation.



HIGHLIGHTS

- Custom paired, flat-face, wheels
- 72 in. diameter
- Ductile iron construction
- Dynamically balanced



Photo courtesy of
Mellott Mfg.

Regal Rexnord

Contact us: 1-888-449-9439

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The proper selection and application of products and components, including assuring that the product is safe for its intended use, are the responsibility of the customer. To view our Application Considerations, please visit <https://www.regalrexnord.com/Application-Considerations>.

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