



Product

Custom V-Belt Sheaves

Application

Windrow Compost Turners

Highlights

- Custom cast iron or ductile iron construction
- 8, 10, 12 and 16 groove, 8V sheaves
- Sizes ranging from 12.5" to 44.5" OD
- Sure-Grip® Bushings for a true clamp fit
- Balanced for higher RPMs

The world's leading manufacturer of large windrow compost turners was looking for a new source of sheaves for their entire line of belt-driven equipment. Self-propelled, straddle type and pull-behind models accommodate 6 through 27 foot wide windrows. Organic material, including crop residue and animal manure, is piled in long rows to produce large volumes of compost. The turners utilize a rotating flail drum or auger that turns the compost to improve porosity, remove moisture, mix hot and cool material while injecting oxygen to speed up the process.

TB Wood's sheaves were selected over others based on their exceptional quality, reliable delivery and competitive pricing... all possible due to their in-house casting foundry. Other TB Wood's advantages include fine grain, high tensile cast iron or ductile iron construction, Sure-Grip® bushings for a true clamp fit and balancing for higher RPMs.

Working closely with their distribution partner, Texas Bearing, to meet the specific customer requirements, TB Wood's supplied "Made-to-Order" 8, 10, 12 and 16 groove, 8V sheaves in sizes ranging from 12.5" to 44.5" OD. The sheaves were used to supply power from a 700 HP diesel engine to the large drum that mixes the compost pile.

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