



## Industry: Tire Manufacturing

- A tire manufacturer needed to replace a wire belt on a conveyor
- The manufacturer wanted to reduce waste and cleanup time
- Martin designed a screw conveyor and saved costs

**Documented Cost Savings - \$115,000**



### Product

Martin screw conveyors are the ideal solution for hard-to-transport materials ranging from irregularly shaped dry solids such as scrap wood and metals, to semi-liquid and sticky materials including pulp, compost, food & beverage refuse, and wastewater.

Conveyors can be designed and manufactured using a variety of standard and non-standard materials to fit any custom application.

### Common Applications

Mining, pulp & paper, food & beverage, agriculture, lumber & wood, wastewater, packaging.

### Challenge

- A tire manufacturer transported and cooled rubber compounds using a wire belt conveyor.
- The customer needed to replace the wire belt for the conveyor, but also needed to reduce product waste and minimize the downtime needed for cleanup.

### Solution

- Martin designed a replacement screw conveyor system that offered the same cooling results, while eliminating the cleanup process for the manufacturer.

### Impact

- The customer approved the design and Martin manufactured a screw conveyor.
- In addition to the production benefits, the alternative solution significantly reduced costs for the customer, as the entire conveyor system was \$115,000 less than a replacement wire belt.



## Bottom-line Results

### Cost Saving Solution

(Cost to replace wire belt less the cost for a new conveyor system = \$115,000)

### Documented Cost Savings

**\$115,000**

Learn more about Martin and power transmission & material handling solutions at:

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