

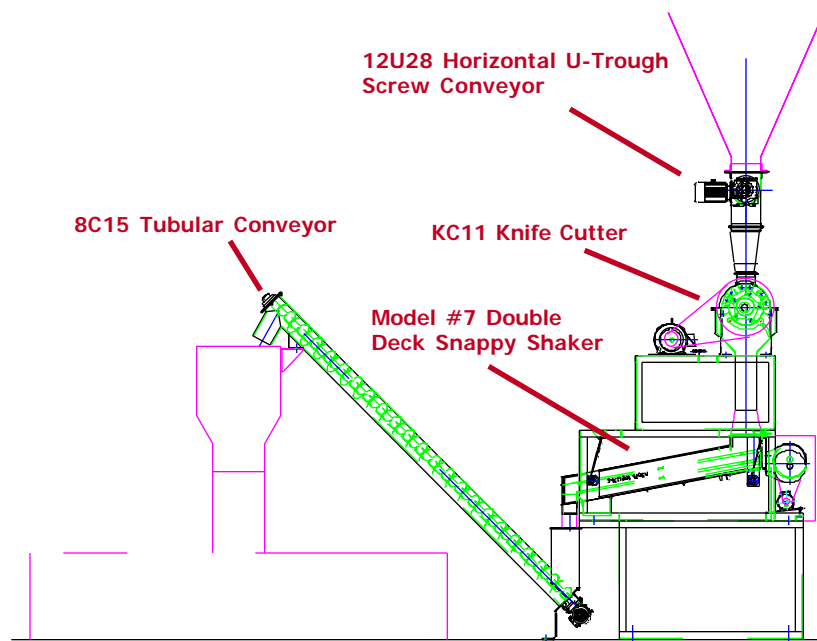
## CASE STUDY - WOOD CHIP SYSTEM

A forest products company contacted S. Howes to design a system which would take residual waste wood product from a sawmill and convert it into a value-added product to be sold as animal bedding. S. Howes engineered a system that conveyed the product from the sawmill to a knife cutter where the size of the product was reduced. The woodchips were then passed into a Snappy Shaker where they were separated and resulted in a more uniformly-sized product.

A S. Howes' conveyor moved the woodchips to a baler where the product was packaged for sale. The major challenges of designing the system included the different properties, sizes and moisture levels of the incoming residual wood as well as the material's flowability. Tests were performed at S. Howes' testing facility to determine the

### Components:

- S. Howes Adjustable speed, Horizontal U-Trough Screw Conveyor, Model 12U28
- Eureka Knife Cutter Model KC11
- Model #7 Double Deck Snappy Shaker
- S. Howes Inclined Tubular Screw Conveyor, Model 8C15
- Structural Framing Included



*Photos and drawings are not intended to show or suggest use or non-use of any operator protection systems*

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