

SAWDUST FOR PELLET PRODUCTION

Our client in United Kingdom, a company very focused on sustainable production of wood products, required a viable solution for transporting sawdust to their pellet production plant, PST offered, and delivered what they needed; a conveyor system which is able to handle up to 100m³/h of raw material.

In total PST supplied 151 meter shaftless spiral conveyors which were integrated in the client's existing process flow. One of the horizontal V-conveyors is fitted with 6 outlets, each equipped with a slide valve/door. The material is then portioned through the valves into different storage bins, all depending on the moisture content and density of the sawdust.

From bin outlets material fall into another PST Spiral Conveyor which then feeds the pellet presses.

THE CASE & OUR SOLUTION

Project

From sawdust to pellet

Location

Denbighshire, UK

Equipment Supplied

13 x PST V-Conveyors; horizontal and vertical from 3-31 meters long

Material

Sawdust, 12-15% moisture content

Capacity

55-100m³/h

Commissioned

2008

