

# WOOD FROM SHAVING TO BARN

The installation at one of Sweden's largest paper/sawmills is a V-system with a 18 m horizontal feeder, located underneath 3 cyclones with rotary valves. The feeder is located at ground level, and is docked to a vertical conveyor which elevates the material 10m upwards.

The vertical conveyor then feeds a 36 m horizontal top conveyor from below. The top conveyor is installed above the roof of the barn, and has several outlets. When the barn is filled up at the first conveyor outlet, the following outlets will keep emptying the top conveyor in sequence.

PST's system is designed to take on a wide range of wood shavings and sawdust with a capacity up to 400m<sup>3</sup>/h. The conveyor line is compliant with ATEX 3D internal, and has been fitted with frequency inverters to enable speed adjustment for different recipes. Frequency inverters also help minimize wear and tear of the integrated wear bars by preventing the conveyors from running empty.

## THE CASE & OUR SOLUTION

### Project

Holmen Bråviken Sawmill

### Location

Norrköping, Sweden

### Equipment Supplied

3 x PST Spiral Conveyors;  
horizontal and vertical

### Material

Wood shavings, sawdust

### Capacity

Peak 400 m<sup>3</sup>/h

### Commissioned

October 2011

