

BIOMASS FUEL FROM SAWMILL TO BOILER

It used to be different... material transport between the sawmill and the boiler was done by having one person driving a wheel loader back and forth on full throttle all day long...

Today it is a another story; a more cost efficient way to transport the material was found in PST's spiral conveyors. This challenging project resulted in PST designing and delivering our longest conveyor ever, 63,5m! The installation comprises a vertical system, including a top conveyor which is equipped with frequency controlled dual drive units, and a reversible spiral.

The switch to using a conveyor proved to be a success! The savings made on fuel costs, and the substantial reduction of wear on the wheel loader - together with better use of manpower, resulted in a ROI of only 2 years for the system.

THE CASE & OUR SOLUTION

Project

Long distance transport of fuel mass

Location

Dalstorp, Sweden

Equipment Supplied

V-550: 6 m, V8-550: 10 m, U-550: 63,5 m

Material

Shredded bark, wood chips, sawdust

Capacity

15m³/h

Commissioned

2014

