

*We invented the Exergy steam drying technology in late seventies and have over 35 years' experience in designing and delivering drying plants using our technologies integrated with other processes. We strongly believe in long term trust based relationship with our clients, partners and suppliers. Our drying solutions reinforces your process.*



# EXERGY DRYING FOR PELLET PRODUCTION

## – Environment, energy and money saving drying technology

Drying is a costly and energy demanding stage in pellets production. With Exergy Superheated Steam Dryer the water that is removed from the wet product is turned into steam thus allowing 80% of the energy input to be recycled. The raw material is also conditioned in the drying process increasing output and quality from pellet mills.

### GENERATING PROFITABILITY

We analyse our customers' needs to provide effective drying processes that leads to a cost effective complete solution with high productivity and energy efficiency.

#### LOW OPERATING COST

- 150 kWh/ton water evaporation – Energy saving
- Few rotating parts – High availability and low maintenance cost
- Pellet production cost reduced by 10%

#### COMPACT AND DURABLE DESIGN

- Small foot print, built on height – Save on land
- First plant built 1979 and still in operation – Long lifetime

#### ENVIRONMENTAL FRIENDLY AND SAFE

- No emissions to atmosphere – No VOC or odor treatment needed
- Oxygen free – No fire and explosion protection systems needed

### ADDING VALUE TO YOUR END-PRODUCT

Exergy steam drying technology does more than just drying. The dried product receives many unique benefits and improvements compared to other drying methods.

#### WOOD PELLETS

- Steam conditioned product
- High durability pellets
- Precise and uniform moisture
- Open fiber structure
- Improved combustion properties

