

# Pellet production plant

## HANSE-PELLETS, Bucholz i.d.N. (D)

### DETAILS & FACTS

product type: **DINplus wooden pellets**  
raw materials used: **sawdust and wood chips**  
production capacity: **60.0000 ton/year**

### TECHNICAL & INFRASTRUCTURE

2 x pellet pressing machines at **4.0 ton/hr**  
1 x central belt drying system, **8 ton/hr** output capacity  
fully automatic raw material delivery  
raw material sifting and grinding of wood chips  
2 x wet chip silos, **1,200m<sup>3</sup>**  
dry chip silo, **1,200 m<sup>3</sup>**  
**3,000 tonne** pellet storage facility  
fully automatic pellet bagging system with palletisation station  
air pressure system at **4m<sup>3</sup>/min** (100% redundancy)  
**50 kW** switch room air conditioning  
**4.5 MW** heat exchanger (local heating connection)  
**3,3 MW** wood chip heating system, warm water system  
management and guidance technology  
process control system

### PROJECT & DETAILS

investment costs: **€ 12.0 million**  
planning time frame: **2007-2008**  
implementation: **2008**  
putting into operation: **Autumn 2008**



### MODULES & SERVICES

CONSULTING ⇒ EVALUATION ⇒ PRE-STUDY ⇒ OVERALL ENGINEERING



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