

## DRYING BELT DRYER



Belt dryers are able to dry particles up to a moisture content of less than 1%. They may be used in PB and OSB panel production, PELLET production, PALLET BLOCK production.

In the case of existing dryers, where the intention is to increase the amount of particles dried, belt dryers may be used both as a pre-dryer, when mounted prior to the existing dryer, as well as a dryer when installed parallel to the existing one.

Belt dryers may be single stage, two-stages or three-stages (one above the other). In the case of a single stage dryer, the feed assembly is located opposite the discharge unit. With two-stage dryers, the two units (feed and discharge) are located on the same side.

### BEST IN CLASS FOR:



WOOD BASED PANELS:  
PB/SPB  
OSB/LSB/FOSB



PRESSED WOOD PACKAGING:  
PALLET BLOCKS  
PRESSED PALLET



PELLETS & ENERGY:  
WOOD PELLETS AND  
BLACK PELLETS

### MAIN FEATURES

- Low temperature process • Very low fire risk • Homogeneous drying process • Fully automatic process • Easy future expansion
- Automatic belt cleaning (wet and dry)
- Simple and fast installation • Optimized thermal energy consumption

### ADVANTAGES

- No change in particles/strands colour • Low dust emission • Very low VOCs emission • Easy management • Easy maintenance • Energy recovered from low temperature sources

TECHNICAL ADVANTAGES
LOW TEMPERATURE PROCESS
VERY LOW FIRE RISK (TEMPERATURE <100°C)
NO CHANGE IN STRAND COLOUR
LOW DUST EMISSION < 5 mg/Nm³
VERY LOW VOCS EMISSION
HOMOGENEOUS DRYING PROCESS
FULLY AUTOMATIC PROCESS
EASY FUTURE EXPANSION
AUTOMATIC BELT CLEANING (WATER & AIR)

INTERNAL NET WIDTH
1.5 mt
3.0 mt
4.5 mt
6.0 mt
8.0 mt

SINGLE DECK - WATER EVAPORATION*
UP TO 19 ton/h

DOUBLE DECK - WATER EVAPORATION*
UP TO 38 ton/h

TRIPLE DECK - WATER EVAPORATION*
UP TO 57 ton/h

\* In relation to the operative conditions: inlet moisture, ambient conditions, type of energy available.

