

DRYING  
**BELT DRYER**



**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

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 or two-stage (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.

## TECHNICAL ADVANTAGES

- LOW TEMPERATURE PROCESS
- VERY LOW FIRE RISK (TEMPERATURE <100°C)
- NO CHANGE IN STRAND COLOUR
- LOW DUST EMISSION < 10 mg/Nm<sup>3</sup>
- VERY LOW VOCs EMISSION
- HOMOGENEOUS DRYING PROCESS
- FULLY AUTOMATIC PROCESS
- DUCTING AND CYCLONES DO NOT REQUIRE CLEANING
- NO MAINTENANCE FOR RINGS AND WHEELS
- NO AIRLOCKS
- EASY FUTURE EXPANSION
- WESP AND RTO SYSTEM NOT REQUIRED
- AUTOMATIC BELT CLEANING (WATER & AIR)
- BELT DRYER LESS EXPENSIVE TO INSTALL IN COMPARISON TO A DRUM DRYER

## INTERNAL NET WIDTH

- 1,5 mt
- 3,0 mt
- 4,5 mt
- 6,0 mt
- 7,5 mt

## SINGLE DECK - WATER EVAPORATION\*

- UP TO 22,5 ton/h

## DOUBLE DECK - WATER EVAPORATION\*

- UP TO 45 ton/h

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

