

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 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.

**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

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

