

The Contivert belt pallet dryer for longer drying times.

Vertical dryers and multi-level dryers have been used for many years for hot air drying of finished furniture parts and doors. This system eliminates the enormous space requirements when using drying tunnels in the single level method, while achieving long drying periods with relatively high feed speeds.

However, all the vertical drying systems involve certain disadvantages which limit their application. The discontinuity in the work flow caused by the loading and discharging process, for example, has to be compensated by acceleration and deceleration processes. In addition, the drying cycle cannot be adjusted to meet the requirements of the finishing materials used.

In 1985 Superfici has developed (and applied for patent) a new concept of multi-daylight dryer. The Contivert belt pallet dryer has all the advantages of the flat dryer, while requiring only a minimum of space and energy. Belt pallets arranged one on top of the other ensure restricted air flow guidance, with speed and temperature of the air flow adapted to the drying cycle and the finishing material used.



Designed for every production setup:

Due to its modular design, the Contivert can be adapted to fit in any existing or future lay-out.

- 5 overall height and 4 overall length dimensions to choose from
- Any required number of belt pallets, from 6 (1-chamber version) to 100 pallets (4-chamber version)
- Workpiece transportation to the infeed either straight or U-shaped in accordance with the material flow as shown in the pictures (also available mirror-inverted)
- Different belt pallet spacing available

Saves energy:

The compact Contivert system has its own separate flash-off, heating and cooling zones with forced ventilation circuit and heating zones operating on the recycled air principle, meaning:

- minimal drying times and
- extremely low energy requirement.

High level of protection to workpieces:

The Contivert belt pallets allow:

- Finishing of even the smallest workpieces
- Full surface contact of workpieces without any of markings underneath
- Reliable workpiece transportation without damage caused by slipping.