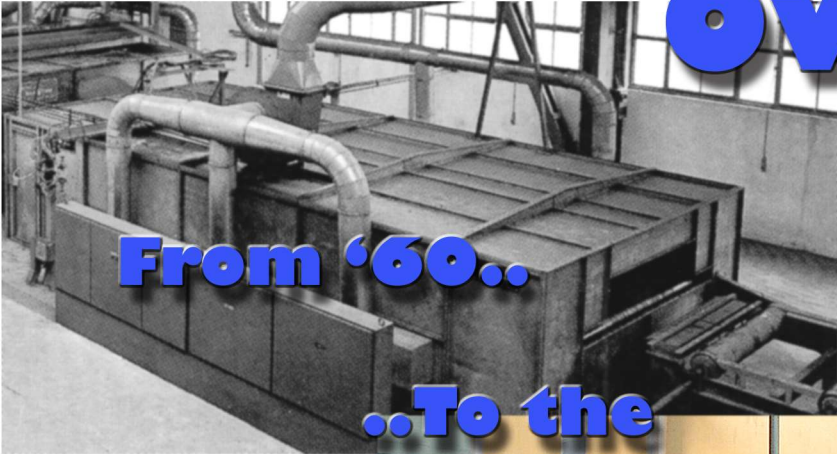




Drying

Oven



From '60..

..To the



Future

*Vianova Drying Oven
Experience and technology*

Treatment Line

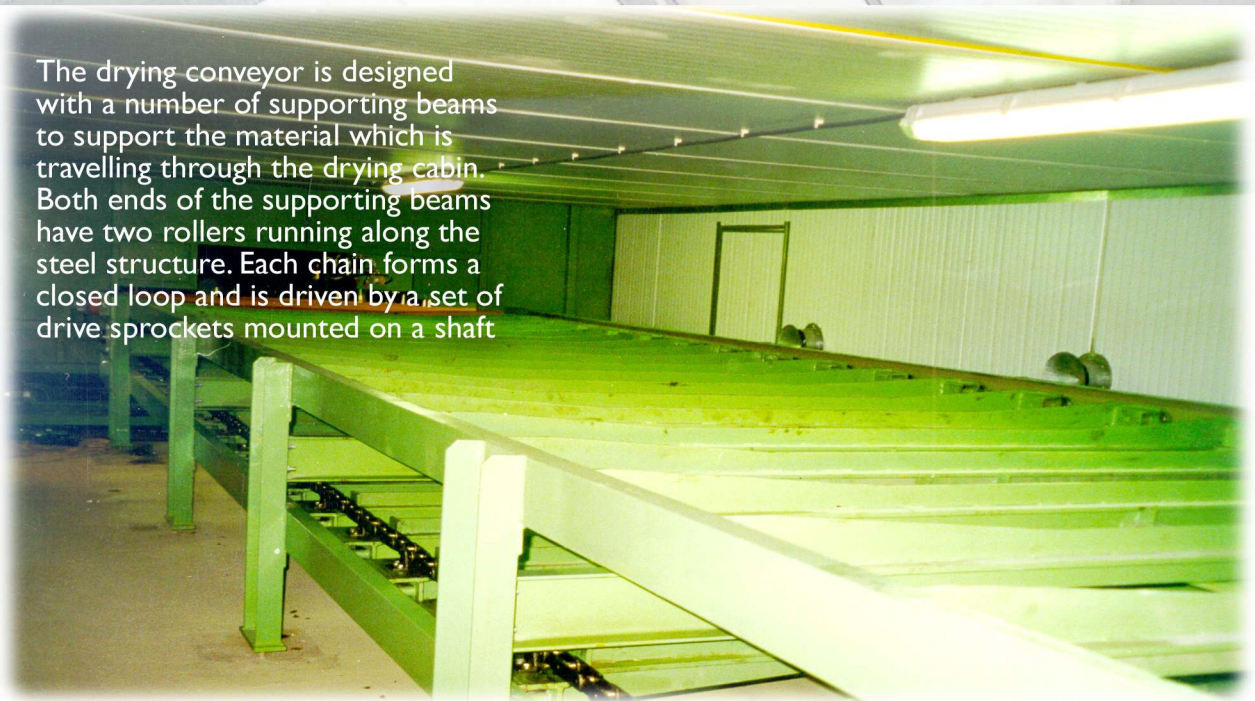


Drying Oven



The drying unit is designed to dry the paint coated material. Flash off and drying process is obtained by the forced air circulation which covers the upper and lower surface of the material as it is conveyed along the slat conveyor. Air is heated through the heat exchanger of the pre-heating unit and conveyed by means of an electro-fan of the adequate characteristics. Air inlets and outlets are located alongside the cabin in order to have a counter-current between the air flow and moving material. The exhauster draws the air out of the cabin and it reaches the scrubber passing through the painting cabin.

The drying conveyor is designed with a number of supporting beams to support the material which is travelling through the drying cabin. Both ends of the supporting beams have two rollers running along the steel structure. Each chain forms a closed loop and is driven by a set of drive sprockets mounted on a shaft



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