

PET IR LINEAR DRYER

INNOVATIVE TECHNOLOGY



The **PET IR Linear Dryer** is a **100% water based application system** designed to eliminate the traditional “air drying” of water based products. The **PET IR Linear Dryer** was engineered to eliminate the long drying times associated with using a water based product which can lead to product contamination and excessive material handling. The product is fed directly into the **PET IR Linear Dryer**, finishing the product with a clean and dry surface ready for the next step in the production of the product being manufactured or stack-and-ready for shipment.

Featuring

- Open Track Design for 4-sided exposure to the IR lamps for 4-sided drying.
- Tapered track rails specifically designed to only make contact on the board at two small points, along the bottom corner edges, per section of track.
- Adjustable track spacing from 2” centers to 4’ centers and above.
- Variable track speeds: up to 16 m/min.
- Adjustable IR lights adjusts the distance between the IR lights and the product ensuring and maintaining a constant temperature.
- Complete access panels on both sides of the dryer and on both top & bottom of track for daily inspection, cleaning and maintenance.
- UL Listed electrical components; available on the U.S. market.



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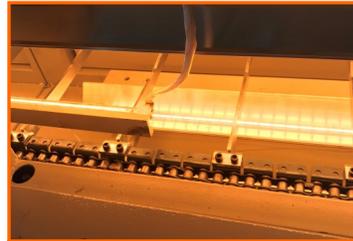
The **PET IR Linear Dryer** brings to the industry a new technology in drying water based coatings using an automated system of inducing clean filtered, heated dry air into the outfeed end of the dryer, then forcing the air towards the infeed end while removing humidity from the air, and an adjustable distance between the IR lights and the product, all of which maintains a constant temperature required for drying the coating.



Forced Air Inlet
for filtering and heating the air.



Exhaust
for removal of humidified air.



Open Track Design with Adjustable Track Rails



Outfeed of IR Dryer with jog button for easy cleaning and maintenance.



Upper IR Lamp raising and lowering with digital readout.



Infeed of IR Dryer



Lower IR Lamp raising and lowering adjustment.

SPECIFICATIONS:

PET IR LINEAR DRYER

LENGTH OF DRYER	10 m / 33 ft
VARIABLE FEED SPEED	0 - 16 m/min
TOTAL NO. IR LAMPS	38 lamps
LENGTH OF IR LAMP	1 m each
VOLTAGE	440 / 480, 3-ph / 60 Hz
TOTAL AMPERAGE	90 amps

Sample of a Complete Automated Finishing Line with PET IR Linear Dryer

✧ 7-Head Brush Sander ✧ 2 Head Vacuum Coater ✧ IR Dryer ✧ Motorized Outfeed Conveyor ✧

