

Electric IR Vertical Tower Dryers

Popular applications in industry :

- ▶ Water based coating drying on woven & non-woven glass fibre fabric
- ▶ Teflon coating curing on glass fibre fabric
- ▶ Drying on tyre cords
- ▶ PVC / other coatings for conveyor belt applications
- ▶ Curing of impregnations – water & solvent based
- ▶ Drying of all kinds of coatings, adhesives & laminations
- ▶ Fusing of fabrics & interlinings

Value addition of Litel Drying Solutions :

- ▶ "Eco-friendly" & non-contact heating
- ▶ Short drying times: one third or less of hot air
- ▶ Dryers use vertical space: small equipment footprint
- ▶ Energy efficiency due to radiation effect
- ▶ Indian IR emitters manufactured in Litel's ISO 9001:2008 certified plant
- ▶ Precise controls through advanced instrumentation, SCADA control
- ▶ Automatic safety interlocks
- ▶ Internet connectivity options for maintenance

Vertical Web Dryers



Tower dryers for Glass-fibers /
Teflon curing / Tyre cords

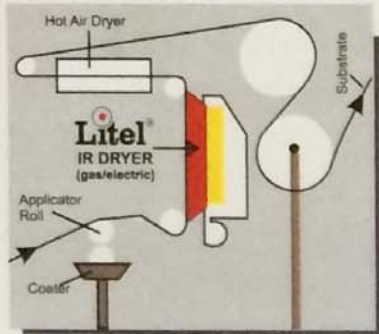
Compact IR Dryers / Compact IR Boosters (Electric IR)

- ▶ Used as a booster to an existing dryer for speed rise
- ▶ Used as complete dryer in web drying operations
- ▶ For heating prior to lamination or forming
- ▶ Assured uniformity of heating across width
- ▶ Optimal IR emitters selected for each application
- ▶ Width-wise zone control available as an option





- ▶ Manufactured in India using metal fibre technology
- ▶ Energy intensities upto 400 kW/m²
- ▶ Short heat-up and cool-down time
- ▶ Low energy costs wherever gas is available
- ▶ Indigenously available sales and service support
- ▶ Proven in Europe & USA



Flameless gas IR

- ▶ Flameless combustion
- ▶ Safe for solvent based operations
- ▶ Available as tower dryers & boosters



Effective for heating on:

- ▶ Glass fiber
- ▶ Tyre cords
- ▶ Carbon fiber
- ▶ HDPE
- ▶ Fire resistant materials
- ▶ Aramid thermoplastics
- ▶ Conveyor belt materials
- ▶ Filtration products
- ▶ All types of interlinings
- ▶ Woven Geo-textiles
- ▶ Non- Woven Geo-textiles
- ▶ Awnings
- ▶ Surgical dressings

Horizontal IR and / or impingement dryers



Available with conveyors for materials which are not in continuous web form