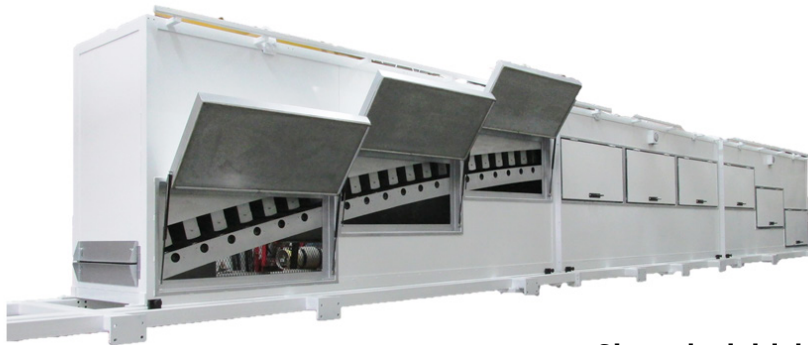


APPLICATION

- Leading OEM of the printing linerless label industry
- Pressure sensitive adhesive coating
- Water based acrylic application
- Material : thermal paper or film

REQUIREMENTS

- Auxillary equipment to dry adhesive coating
- Tailor-engineered to fit existing process & equipment
- Modular roll-to-roll convection dryer configuration
- Energy efficient recirculation airflow



SOLUTION

PYRADIA manufactures high technology convection dryers and ovens, gas, or electric fired. Our units can be used in a broad range of applications such as paper and film converting, continuous web printing, plastics, textiles, composites and laminates. We developed and manufactured a modular arched roll supported convection drying equipment.



Optical thin film dryer

CHALLENGES

- Precise temperature control
- Extensible thin film support process & equipment
- Low tension control
- Space restriction
- Lead time and cost

Since the initial enquiry we have sold numerous units with the following specifications range:

Type: Roll-supported Arched Dryer

Model: High Temperature up to 450°F available in cantilever arrangement with easy threading

Drying line speed: 500 - 750 FPM

Web width: 20-30»

Temperature range: 300-350°F

Equipment length: 30-45´

Energy source: Natural/Propane gas, Electric, Steam

Rolls: Driven spiral grooved idlers