

DRYERS

- + STANDARD AND CUSTOM-BUILT DESIGN
- + EASY TO INTEGRATE TO YOUR EXISTING LINE

ISO 9001 • 2000

BIG ENOUGH TO DELIVER • SMALL ENOUGH TO CARE
SINCE 1973

DRYERS

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. PYRADIA high performance dryers offer higher line speeds and minimize exhaust volume to the VOC control system.

REFURBISHING Retrofitting or modernization of existing process lines may prove to be the best solution at a fraction of new line cost and in much shorter time. PYRADIA has developed equipment and perfected ways to modernize many existing lines to achieve the line speeds and dependability of new equipment.



This low temperature gas fired arch dryer is designed for processing water base coating at speeds to 800 FPM. Web temperature monitoring provides accurate drying over the complete speed range.



Narrow web belted through dryer, 2 zones electrically heated.



This horseshoe dryer is designed for operating temperatures up to 500°F, using high velocity air nozzles. This configuration is best suited to minimize the machine floor space required.



Electrical or gas fired IR dryers can be used as a complete IR unit or a combination convection-IR dryer. This has 16 control zones in machine and cross-machine directions.



- + Horizontal arch
- + Horizontal straight
- + Vertical
- + Flat on idler rolls
- + Floatation
- + Single or multipass
- + Top heat/bottom heat
- + One pass/recirculating air
- + Gas / electric convection
- + Gas / electric infrared

DIFFERENT ARRANGEMENTS

- + Web threader
- + 5" to 175" wide
- + Stainless steel construction
- + Removable blast tube
- + PLC controls
- + Computerization
- + Various energy sources
- + LEL controls
- + Humidity control
- + Exhaust pressure controls (multiple exhaust systems)

OPTIONAL FEATURES

- + Intercolor dryers
- + Air caps
- + Combination design
- + Heat recovery
- + Fume incineration
- + Batch type dryers and ovens
- + Automation system

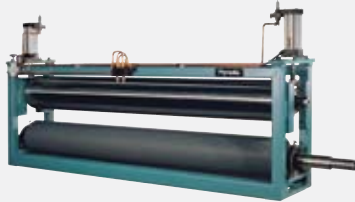
COMPLEMENTARY EQUIPMENT

- + Drying
- + Curing
- + Fusing

APPLICATIONS

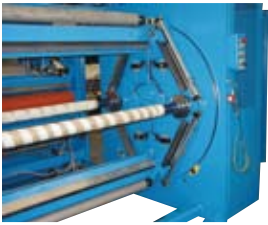
DESIGNS AND MANUFACTURES INDIVIDUAL COMPONENTS AND COMPLETE TURNKEY SYSTEMS

LAMINATORS



- + Hot Roll
- + Cold Roll
- + Moisturizer
- + Flatbed
- + Roll to Roll
- + Roll to Sheet
- + Sheet to Sheet

UNWINDS/WINDERS



- + Single Position
- + Dual Position
- + Turret
- + Fly Splicing

DRYERS



- + Arched (Vertical & Horizontal)
- + Straight
- + Gas & Electric Convection
- + Gas & Electric Infrared
- + Floatation
- + LEL Controls

COATERS



- + Gravure
- + Knife Over Roll
- + Reverse Roll
- + Mayor Rod
- + Saturation
- + Split Film
- + Offset Gravure

POLLUTION ABATEMENT



- + Thermal Oxidizers
- + Solvent Recovery
- + Heat Recovery

COMPLETE LINES



- + Coating & Laminating Lines
- + Printing & Coating Lines
- + Custom Lines