

COATERS

ISO 9001 • 2000

BIG ENOUGH TO DELIVER • SMALL ENOUGH TO CARE
SINCE 1973

- + PROCESS ANY SUBSTRAT OR COATING
- + CUSTOM-BUILT FOR YOUR REQUIREMENTS
- + EASY TO INTEGRATE

COATERS

PYRADIA's coaters can be designed to provide multiple coating methods on the same machine. PYRADIA's coaters are available in our standard configurations, or specially designed for your particular application.

PYRADIA'S GOAL is to provide you with the most cost-effective and simplest solution available. We offer a complete line of coaters corresponding to your product characteristics. We offer the choice of fabricated open frame design or heavy machined plate construction to better suit customer's preference and process needs.

Special web process equipment is available and can be integrated to your process line to improve your production and reduce your set up time. In order to meet your specific requirements, PYRADIA offers a wide range of equipment for saturation and coating processes. Our coaters can be designed for papers, films, foils, textiles and composites applications.



This gravure & knife combination coater is designed to operate up to 800 FPM. It features a pull roll assembly, an offset pivot guider and micrometer adjustments on the enclosed coating chamber and knife assembly.



Direct/reverse operation dual sided gravure coater.



This water base PSA coating line operates up to 1200 FPM and is equipped with fully automatic turrets (dryers not shown).



- + Coat weight from 1 to 400 lbs/REAM
- + Speed range from 50 to 1200 FPM
- + Viscosity 100 to 200 000 CPS
- + Width 12 to 120 inches

TYPICAL CHARACTERISTICS

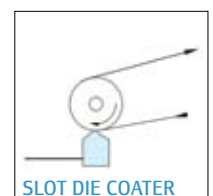
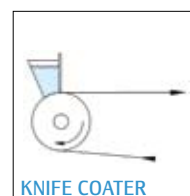
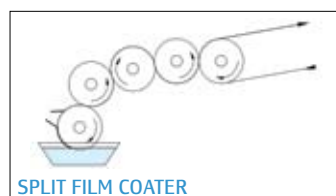
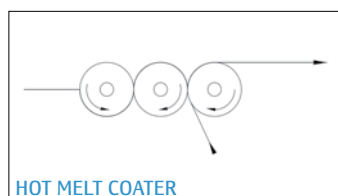
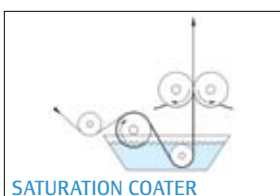
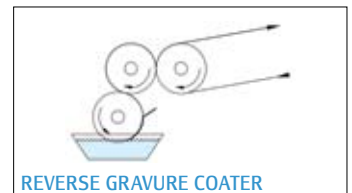
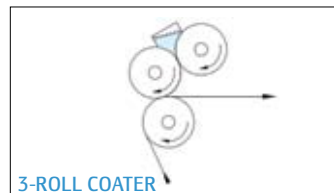
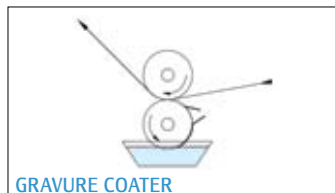
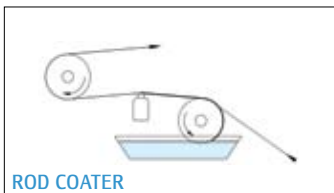
- + Enclosed doctor blade application
- + Pan fed application
- + Turret mounted backup rolls
- + Automatic coating gap control
- + Smoothing doctors
- + Humidity control

FEATURES

- + Adhesive
 - Hot Melt
 - Pressure sensitive
 - PVC Resin
- + Wear & Gloss Control
 - Polyethylene
 - Polyurethane
 - Acrylic Vinyl
 - Melamine Resin
- + Silicone Release Liner
- + Humidity Barrier
- + Foam Block Out
- + Structural
 - PVC
 - Epoxy
 - Magnetic
 - Special Process

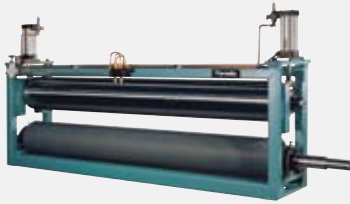
COATING PROCESSES

COATING METHODS



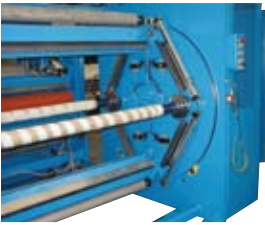
DESIGNS AND MANUFACTURES INDIVIDUAL COMPONENTS AND COMPLETE TURNKEY SYSTEMS

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