seminars for engineers
advancing knowledge in engineering

Seminars For Engineers Presents:

Web Coating and Drying

A Two Day Technical Seminar

DAY ONE

Time	Speaker	Section	Topic
9:00	Gooding		General Introduction
9:30	Lincoln	A	Introduction to Coating Processes Coating concepts Coating machinery
10:15	Break		
10:45	Lincoln	B	Forward Roll Coaters
11:30	Gooding	C	Introduction to Drying Overview of drying and curing Paper, film and other substrates
12:00	Lunch		
1:00	Gooding	D	Floatation Drying Applications, configurations, advantages
1:30	Lincoln	E	Reverse Roll Coaters Theory of operation Reverse metering Reverse application Nip fed / Pan fed Range of operation Troubleshooting Current Applications
2:30	Break		
2:45	Gooding	F	Drying Process Control Various means of heating air stream Ways of controlling temperature Methods of air volume control Operator interfacing trends
3:45	Lincoln	G	Post Metering Coaters – Rod & Air Knife Rod coaters Air knife coaters Turning simple roll coaters into precision applicators Historic and current applications
4:30	Finish		End of First Day

DAY TWO

Time	Speaker	Section	Topic
9:00	Lincoln	G	Post Metering Coaters – cont'd
9:30	Gooding	H	Dryer Sizing Mass and heat transfer Computer process simulation
10:15	Break		
10:45	Lincoln	I	Gravure Coaters Classic direct arrangement Reverse gravure, offset gravure Engraved cylinders Doctor blades Enclosed doctor applicators Impression rolls Impression roll sleeves Smoothing bars, quick change cartridges Versatility and precision
12:00	Lunch		
1:00	Lincoln	J	Direct Die Coaters Newer coating method Theory of operation Components of the die Auxiliary components Applications
1:45	Gooding	K	Infrared Dryers Video Heat transfer Gas and electric system designs
2:30	Break		
3:00	Lincoln	L	Knife / Blade Coaters Specialized coaters Floating coaters Knife-over-roll coaters Knife designs Applications and process parameters
3:45	All		Wrap up / Summary Final Question & answer session
4:15	Finish		End of Second Day