

Automated Finishing for Custom or Job Shop Applications

Thursday 23rd April 2015, 9am - 4pm

Centre for Advanced Wood Processing, Point Grey Campus, UBC

Forest Sciences Centre, 2424 Main Mall

This seminar is designed for small to medium sized manufacturers who are looking to increase the efficiency and profitability of their finishing department and the quality of their finished products. Consumer demands have shifted the requirements on automated finishing equipment from mass production systems to more flexible systems designed for custom millwork and job shop applications. In addition, regulators are insisting on finishing systems that have low environmental impacts.

Bob Kostelnik from Stiles Machinery, a highly experienced technical specialist on wood finishing equipment, will explain the necessary steps to achieving a superior quality finish and how to integrate automated finishing equipment into your process. He will also discuss the changes required to integrate UV and water-based coatings into your production process. Dave Stewart from Innovative Manufacturing will discuss new coating technologies and their advantages/disadvantages.

Learning Program

Flexible Automated Systems (Kostelnik)

- 1) A review of current finishing demands that dictates that every order may be different and every order was expected to ship yesterday
- 2) Application and curing machine options, with a focus on those that are flexible and easy to use.
- 3) Which type of machine is the most suitable for your product?
- 4) Curing machines (ovens) A great variety is available for different applications from stand-alone ovens to in-line production ovens
- 5) New technologies - equipment and chemistries that are in their infancy and worthy of consideration for the future

Coating Technologies (Stewart)

- 1) A review of the various types of chemical coating systems that are available to manufacturers. Each type has its own unique attributes and benefits/limitations
- 2) Which coating is best for your product line; Pre/Post Catalyzed Lacquer, Post Catalyzed Conversion Varnish, Waterborne Lacquer, and/or UV coating?

Presenters

Bob Kostelnik

Bob has 40+ years experience in the industrial wood finishing industry and is a specialist in both finishing materials and application equipment. He started his career as a formulating chemist in wood coatings, and after six years in the laboratory, moved into field technical service, sales and onto various marketing and management positions within the coatings industry. In 1981, Bob founded HK Research, a coatings company manufacturing wood coatings and polyester gel coats. He currently works for Stiles Machinery where he serves as Technical Manager of the Finishing Division. He has participated as a guest presenter in UBC's Industrial Wood Finishing Certificate Program for the past 6 years, as well as speaking at several wood finishing conferences organized by CAWP and Vance Publishing in the USA and Canada.

Dave Stewart

Dave Stewart is the Manager of the Wood Coatings Division of Innovative Manufacturing. Innovation Manufacturing provides wood coating solutions to the furniture and cabinet industry. He has worked in the industry for over 25 years. During this time he has represented various product lines, including Pierce and Stevens, Sico, Valspar, Sirca and AcromaPro. Dave prides himself on his ability to help customers with their coatings solutions and provide useful and practical technical advice.

Fee

The cost of the seminar is \$150 (includes GST). This includes coffee breaks, handout materials and a catered lunch.

Registration

As space is limited, please RSVP as soon as possible to:

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