### RBI Tech Support, Inc.

200 B & E Industrial Drive Red Bud, IL 62278-2198 USA Phone: +1 618 282-2774

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### **SEMINAR AT-A-GLANCE**

Web:

Tuesday, April 30, 2024

7:30 - 8:00 a.m.

8:00 - 8:15 a.m.

8:15 - 12:00 p.m.

12:00 - 1:00 p.m.

1:00 - 3:30 p.m.

3:45 - 5:30 p.m.

Registration and Continental Breakfast Introductions

Morning Sessions:

- Theory of Blanking Roller Levelers
- Principles for Successful Metal Slitting
- Slitting Line Configurations

Lunch (provided) Afternoon Sessions:

· How to Produce Flat Material That Stays Flat

www.rbitechsupport.com

New Advances in Processing Equipment

Willbanks Metals, Inc. Tour (Transportation will be provided.) RED BUD, IL 62278

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### RBI Tech Support, Inc.

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Phone: +1817-281-5800

Hurst, TX 76054

1615 Campus Drive

Conference Center Hilton Garden Inn & Hurst

Tuesday, April 30, 2024

for Improving Productivity Technology, Techniques & Tips

**COIT BROCESSING** 









### **ONE DAY SEMINAR**

### **COIL PROCESSING**

Technology, Techniques & Tips for Improving Productivity

Tuesday, April 30, 2024

Hilton Garden Inn & Hurst **Conference Center** 

1615 Campus Drive

Hurst, TX 76054

Phone: +1 817-281-5800

## **Accommodations**

Discounted room rates are available through April 7 at the Hilton Garden Inn for Single/ Double (\$119). Reservations may be made by calling 1-817-281-5800 and mentioning the RBI Tech Support Coil Processing Seminar or by visiting <a href="http://www.hilton.com/">http://www.hilton.com/</a>, choosing the Hilton Garden Inn Dallas at Hurst Conference Center location, desired dates, and entering the special rate group code 91I.



### **Registration**

Seminar fee is \$169. Additional attendees from the same company receive a 50% discount. Space is limited, so register soon!

Scan the QR code to the right or visit: https://redbudindustries.com/rbi-tech-support-seminar-



### By Email:

events@rbitechsupport.com

By Phone: Call Ashley Kreher at +1-618-282-3801 ext. 142.

<u>Checks may be mailed to:</u> RBI Tech Support, Inc. 200 B & E Industrial Drive Red Bud, IL 62278-2198 USA

Make checks payable to RBI Tech Support, Inc. or call with credit card information.

### Who Should Attend?

This seminar is a must for anyone who manages or supports coil processing operations and for professionals who process coil and evaluate, specify, or audit coil processing services:

- Service Center Operations Supervisors
- Coil Processing Operators/Supervisors
- Equipment Maintenance Personnel
- Quality Management Professionals
- Purchasers of Coil Processing Services or Equipment
- Manufacturing Engineers

Service Centers and Toll Processors use this seminar to train Sales Professionals on the fine points of what makes for more effective, higher quality coil processing.



### **Tour of Willbanks Metals, Inc.**

(Transportation will be provided.)

The program will include a tour of Willbanks Metals, Inc. located in Fort Worth, Texas. Attendees will get a chance to view Willbank's new .625" x 84" wide Cut-To-Length Line with Stretcher Leveling. This line is highly automated and includes Automatic Coil Loading, a High Speed Stretcher Leveler, and a 60' Stacker.

All tour attendance is subject to approval from tour host upon registration. RBI Tech Support, Inc. cannot be held responsible for decisions made by tour host.



## **Close Tolerance Blanking & Multi-Blanking**

When it comes to producing close tolerance blanks, there is a great deal of confusion as to how they are properly measured and best produced. Topics are:

- Definition of a blank
- · How camber affects tolerances
- How slitting affects blank tolerances
- How leveling affects blank tolerances
- The proper way to measure blanks
- Line configurations to produce best tolerances

### **Roller Leveling**

This session examines shape defects and methods used to improve flatness.

- Types of shape defects
- Flatteners vs. Levelers
- The roller leveling process
- Types of roller levelers
- Design considerations

### **Technology for Precise Slitting**

An examination of slitting theory and how to produce an optimum cut with minimal burr:

- The theory of slitting and shearing
- Proper cléarances and tool tolerances
- How to minimize burr and optimize your cut
- Tool handling and care

## Slitting Line Configurations & Considerations

An examination of configuration options that address material types, building layouts, and unique customer requirements. Topics include:

- Line configurations
- Design requirements
- Customer expectations
- Manufacturing requirements

# Flat Material That Stays Flat – Producing Laser Quality Sheets

Material that looks flat does not always stay flat after it has been cut, and the growing number of companies using laser equipment needs material that will stay flat after cutting, punching, etc.

- The leveling process
- The effects of trapped internal stresses
- How to eliminate material spring back
- How tension improves the leveling process
- How temper mills work
- How Stretcher Levelers work

### New Advances in Processing Equipment

Equipment manufacturers continue to develop new innovations, while improving existing designs. This session reviews some of the latest developments.

- Advances in Stretcher Leveling
- Advances in Blanking Technology
- Advances in Slitting Equipment
- Reductions in set up times
- Reductions in manpower

RBI Tech Support, Inc.



### **DEAN LINDERS**

Dean Linders, seminar chair and featured speaker, has been with Red Bud Industries for 40 years, progressing from CTL Line operator to VP of Marketing and Sales. He is a recognized expert on both blanking and leveling technology, frequent guest speaker, and author of numerous technical papers.



**BOB WHITON** 

Bob Whiton is the President of Bach Knives. He started his career with the company more than 30 years ago and purchased the company in 2016. Bob has a degree in Manufacturing Engineering from Wentworth Institute of Technology. Bob has presented numerous slitting and shearing seminars throughout the world and presents a practical and straightforward style to slitting.



**JEFF HERRELL** 

Jeff Herrell has been involved with the steel industry for over 20 years, working with service centers, toll processors, and manufacturers to provide solutions to coil processing problems. Prior to joining Red Bud Industries, Jeff was a professional in aviation maintenance and management.



**RAY FAUSZ** 

Ray Fausz has been employed by Red Bud Industries for close to 30 years. Today, his main duties include assessing and developing new markets, as well as assisting numerous service centers and mills with solving their coil processing and production issues. He is also a published author of technical articles both in the United States and internationally.