Future of the Hardwood Lumber Industry

What will the Future Hardwood Mill Look Like?
History

- 1777 - The Circle Saw was first patented in Britain by Samuel Miller.
- 1810 ca. - In America, Tabitha Babbitt is credited with inventing a circle saw.
- 1808 - The Band Saw was first patented in Britain by William Newberry.
- 1840’s - Anne Paulin Crepin of France developed band saw “welding” techniques that were the beginning of practical band sawing.
- 1890’s – Patents for both circle gangs and band resaws surface.
The band saw and circle saw are still here 200 years later producing hardwood lumber.
Hardwood Sawmill Of Tomorrow

• Factors
  • Resource
    • Availability
      – Volume
      – Ability to Log
      – Quality Grade
    Industrial
Hardwood Sawmill Of Tomorrow

- Factors
  - Markets
    - Grade
    - Industrial
    - Fixed Widths
    - Random Widths
Hardwood Sawmill Of Tomorrow

- Factors
  - Labor
    - Availability
    - Skill Level
  - Costs
Hardwood Sawmill Of Tomorrow

- Factors
  - By-Products
    - Chips
    - Bark
    - Dust
Hardwood Sawmill Of Tomorrow
Round Table Summary

- Yes, we will still be using Band and Circle Saws.
- “Grade” and “Industrial Product” Mills.
- Advances in Scanning.
- Automatic Grading and Sorting.
- Mill Production