

FIELD NOTES



Species Graded

- Ash
- Basswood
- Black Birch
- Black Oak
- Cherry
- Hard Maple
- Hickory
- Poplar
- Red Oak
- Soft Maple
- Walnut
- White Birch
- White Oak
- White Pine
- Yellow Birch

35 Hardwood

- Kentucky
- Maine
- New Brunswick
- New Hampshire
- New York
- Pennsylvania
- Quebec
- Vermont
- Wisconsin

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For 40 years Northeast Mill Services has been providing consultation, design, engineering and machinery sales to sawmills, concentration yards and others in the lumber manufacturing business.

We believe in working with and for our customers to provide the right product, from the right manufacturer according to the customers needs.

Many of our recent projects have included the planning, design, sale and installation of Automatic Grading Systems centered on the Comact AI Graders, the GradExpert, the TrimExpert and the EdgExpert in both Hardwood and Eastern White Pine sawmills. The process follows these general steps:

- Determine the Customer's goals.
- Initial layouts to determine machinery needed.
- Develop scope and budget for project.
- Propose additional machinery needed for the project based on quality, price and suitability to the mill.
- Review with Mill Personnel, Comact optimization team, and others to coordinate machinery, installation, and startup of the system.
- Facilitate installation with Mill and various Contractors.

These trying conditions should not preclude solid future planning. Talk to us about how we can help you formulate a solid plan.

Comact has been doing optimization since 1981. Members of the Management team each have over 20 years experience each with **Comact**.

The first Geometric scanners with vision were introduced in 2005. By 2018 they had progressed to using AI with scanners. In 2020 **Comact** developed **AI models from HARDWOOD, FOR HARDWOOD** and can now grade both green and dry hardwood.

AI models are customized for **YOUR** specific production objectives using samples of **YOUR** lumber. **Comact** AI specialists will analyze your lumber samples and integrate these into

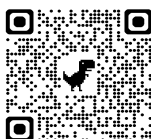
Comact's Deep Learning Models providing you with proprietary data.

- **TrimExpert** – looks at both faces for defects to make trim or cut-in-two decisions.
- **EdgExpert** – identifies dimensions and visual defects to operate multiple saws in edger or rip saw.
- **GradExpert** – two sets of scanners and looks at both faces and both edges for lumber with patterns and tongue and groove.

Scan these QR codes for more information



TrimExpert



EdgExpert



GradExpert

