CWF Fall Meeting – Forestry in Transition

A.L.P.A. EQUIPMENT LTD 50 years ans

LANDRICH

PONSSE

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ALPA Equipment
Productivity, Innovation, and Sustainability

Exploring advancements
in sustainable forest industry tools

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Our 50-Year Legacy and Continued Commitment

- Long-Term Industry Presence

  ALPA Equipment has been integral to New Brunswick's forestry and construction sectors for over fifty years, building strong community ties







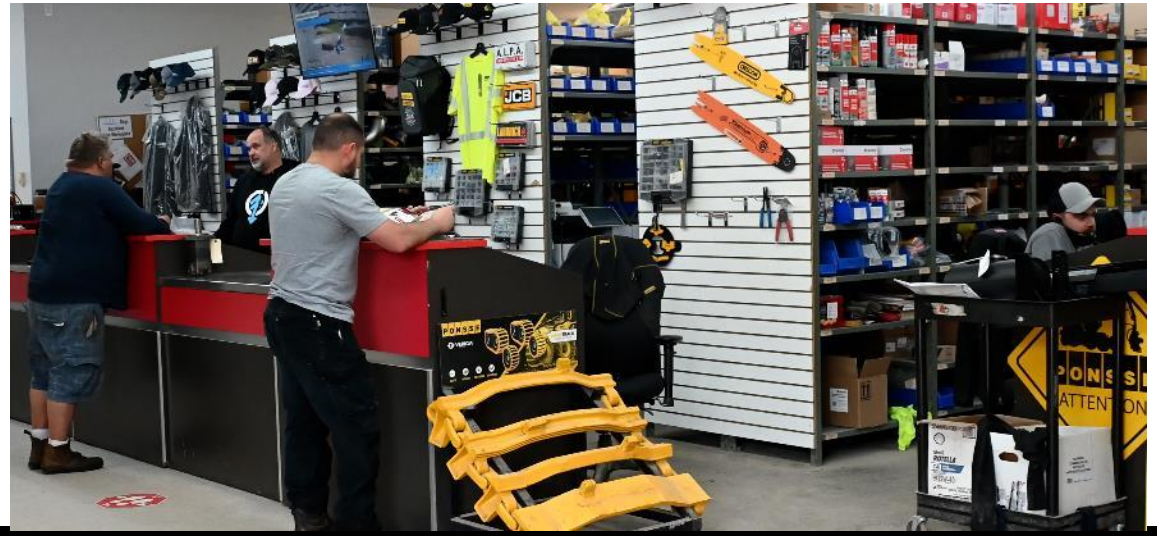
A.L.P.A. EQUIPMENT LTD · ROTOBEC · FUCHS A TEREX BRAND · LANDRICH · PONSSE

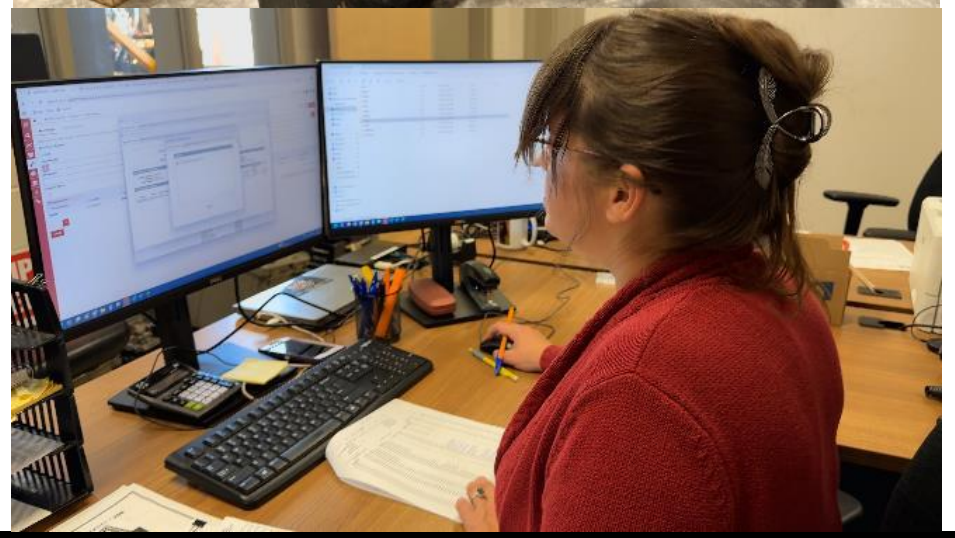
Our 50-Year Legacy and Continued Commitment

- Client-Focused Service

  Known to be fully dedicated to client needs with tailored solutions that help operators **maximize profitability** in evolving markets.







Strategic Partnerships Strengthening the Forestry Sector

- Partnerships with Equipment Manufacturers

  Long-standing alliances with global leaders with innovative, durable forestry solutions.

  Working with many OEM's for product development.

PONSSE

ROTOBEC

FUCHS®
A TEREX BRAND

Strategic Partnerships Strengthening the Forestry Sector



- Technology and Operator Focus

  Cutting-edge machinery offers precision harvesting, terrain adaptability, and smart data systems.

- Driving Industry Innovation

  ALPA's feedback loop with manufacturers influences future equipment designs.

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Innovation and Technology Shaping the Industry

Where we contribute today

Pre-Commercial Thinning Needs

- Mini-Excavators equipped with Shears, bunchers and mulchers.





Technological Leadership Through PONSSE Integration

- Enhanced Transmission Engineering

  CVT transmissions in Bison and Mammoth models improve performance, reduce wear, and adapt to diverse conditions.





Technological Leadership Through PONSSE Integration



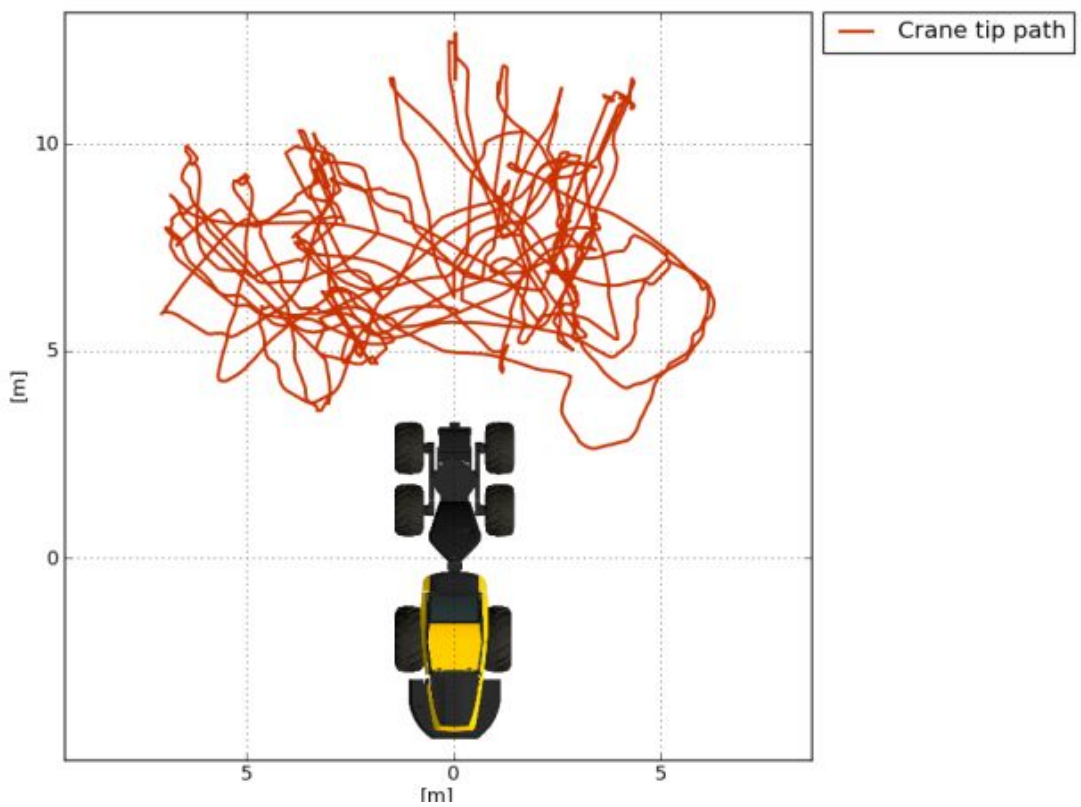
- PONSSE HEADS

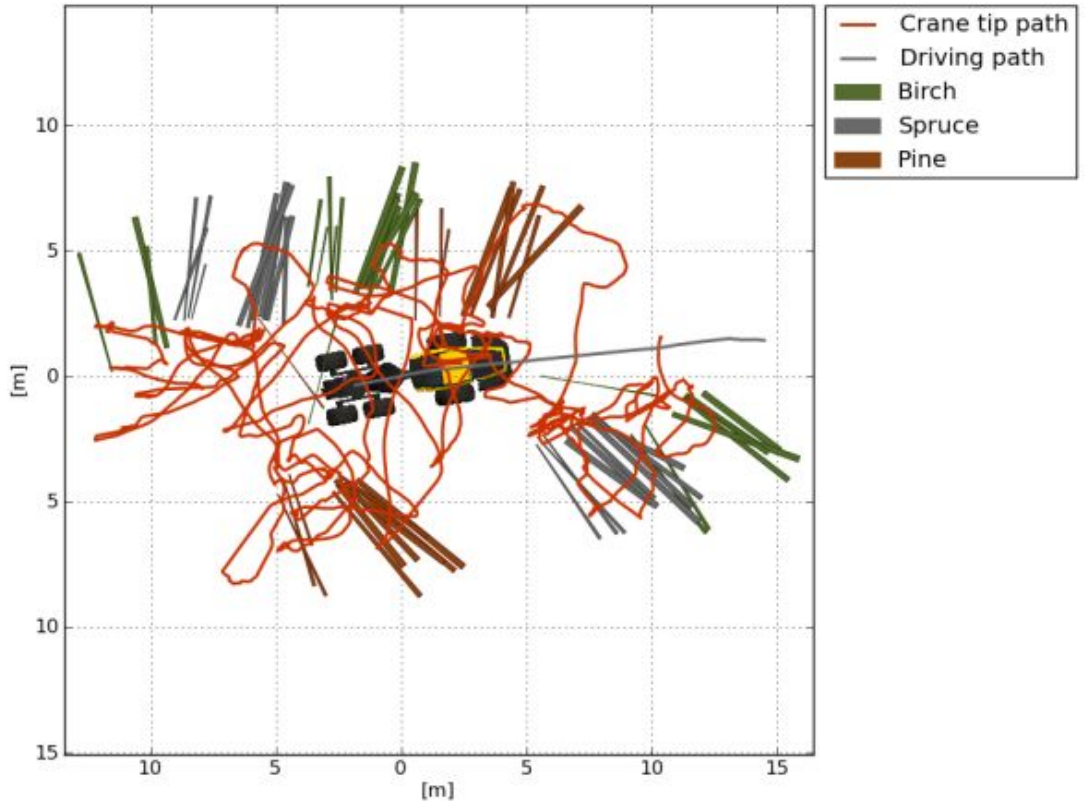
  Ponsse harvesting heads adapt to various diameters and species and adjusts speed and torque for more adaptive cutting.

  Optimize energy consumption and extend component life.

  Swiss Army knife of heads

Productivity Leadership: Training





- Improving efficiency with operators on ANY level

Productivity Leadership: Training





Productivity Leadership: Training

Train Smart. Harvest Smarter.



RESULTS:

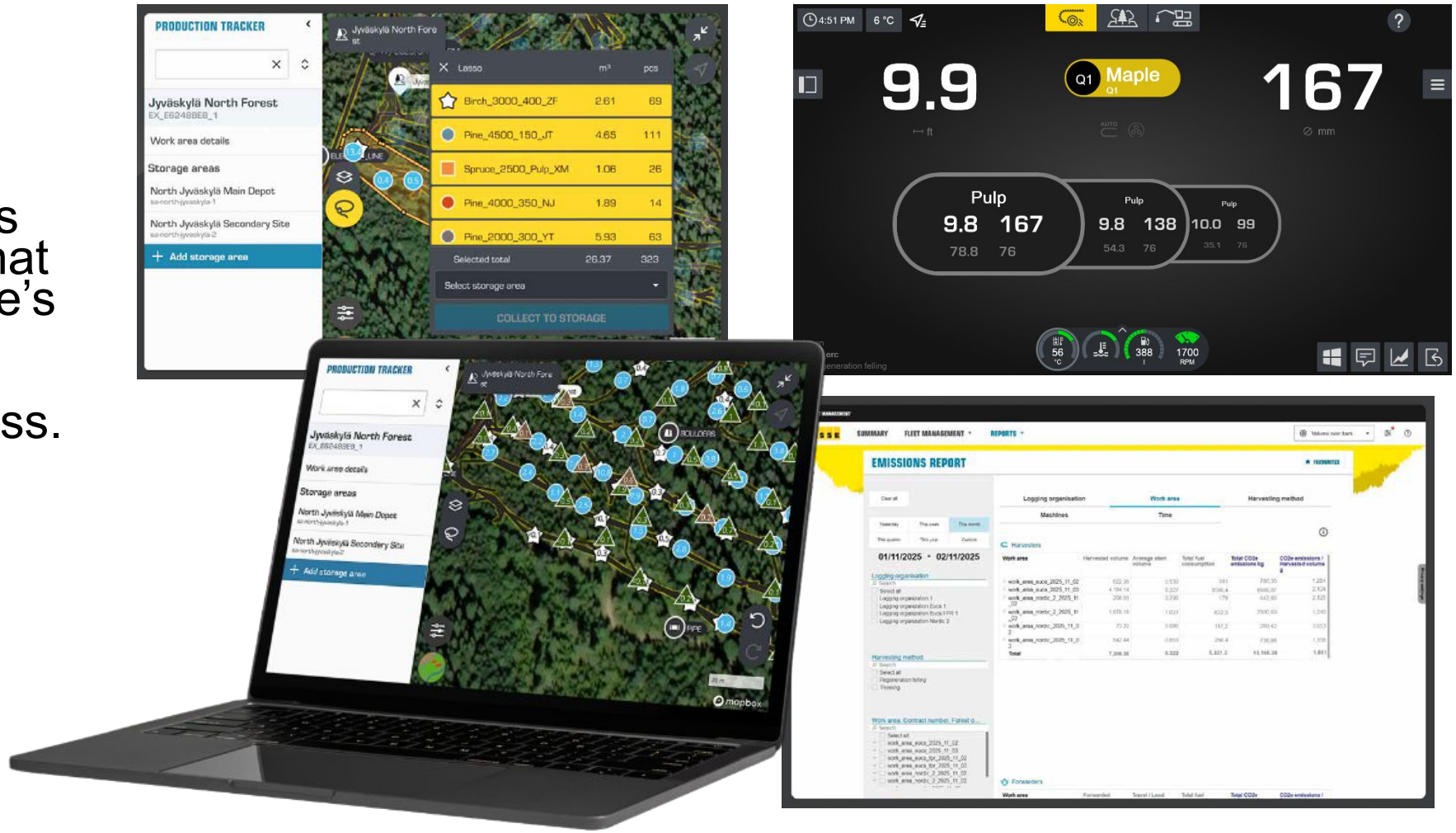
- 40% increase in speed
- 15% reduction of fuel consumption
- 31% increased productivity
- Average result = **$6,820 increase in revenue / week**

Opti 5G System and Machine-to-Machine Connectivity

- Advanced Operating System

  Intuitive graphics based system that controls machine's functions and settings: User-Friendlyness.

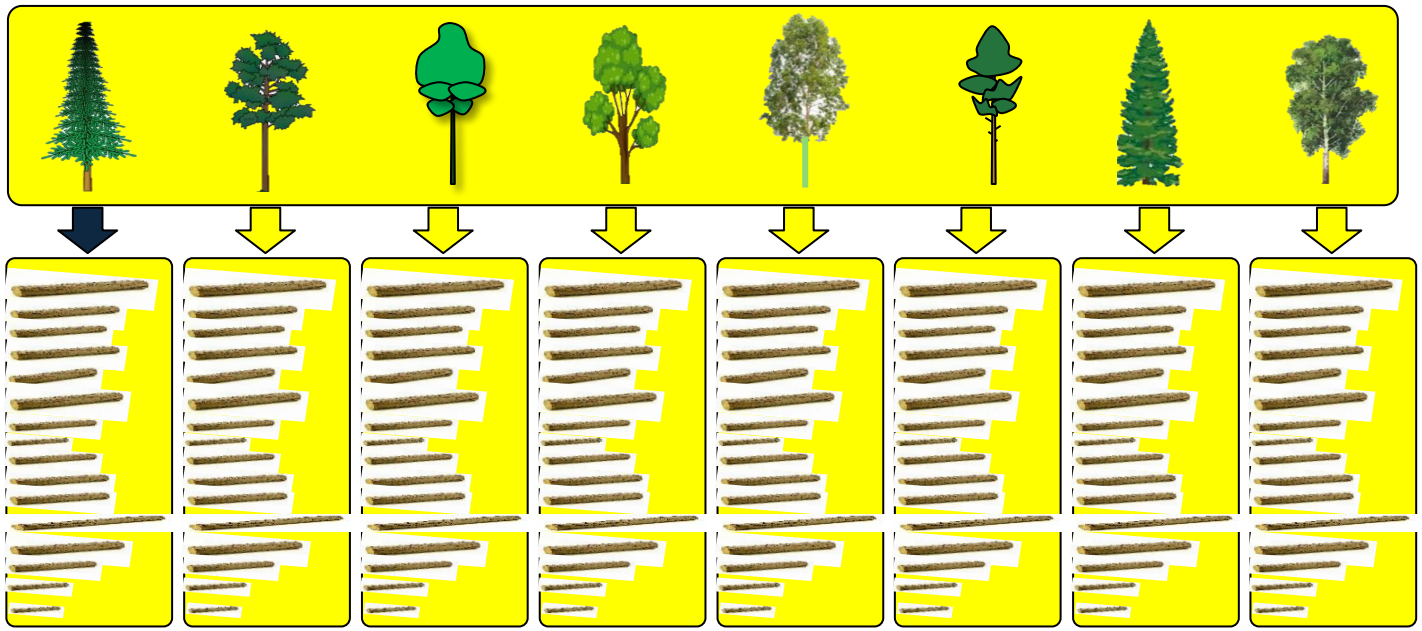
  Cellular and satellite based data communication capabilities.



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Productivity Optimization

- Increase
  - m^3/stem
  - Sawable material
  - Revenue
- Lower
  - Cost/m^3
  - Waste
- Extremely accurate measurement allowing trim allowance of 3” or less



Productivity Optimization

Result

- Improved optimization = Reduced Waste



Technological Leadership Through PONSSE Integration

Felling Assist

- Pre-tensioning and follows the feeding with up-and-down movements for automated crane control at the push of ONE button.

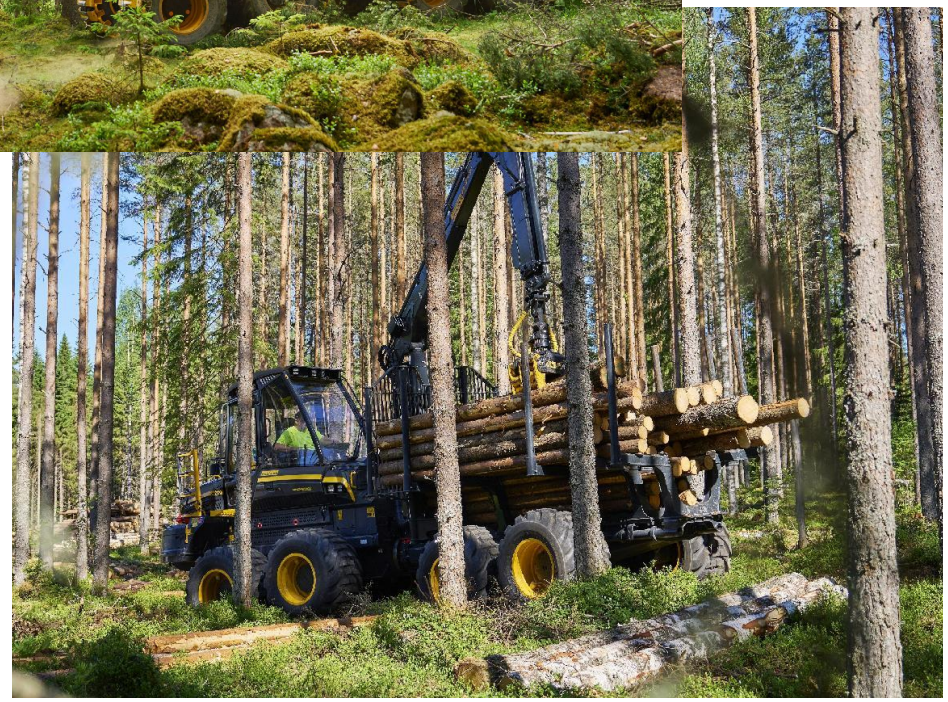


NEW – Thin Line

Designed for thinning operations

- Smaller load space
- Excellent agility
- Lighter overall weight
- Powerful engine and strong traction
- Improved lighting
- Refreshed exterior design





NEW – H6 Head

- Redesigned saw box winter conditions
- More durable connector hoses
- Optional saw box work light
- Improved grease points
- Enhanced measuring accuracy
- Larger length measuring wheel
- Improved feed roller diameter measurement system
- Upgraded front knife sensors



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NEW – Bison

Built to move more wood with less fuel

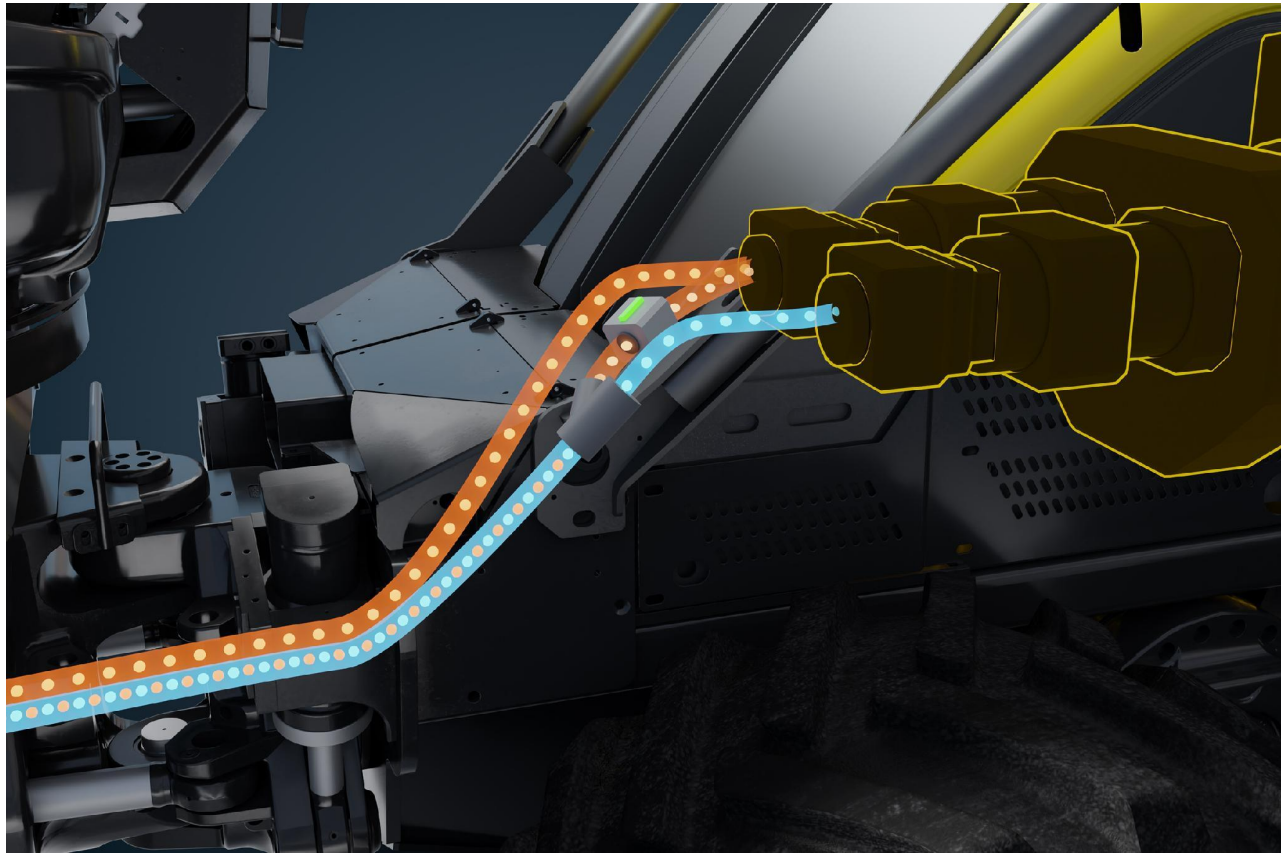
- Lighter structure
- CVT transmission for smooth, fuel-efficient performance
- Optional additional fuel tank
- Active Cabin suspension for superior comfort
- Opti 5G ready



NEW – Active Flow

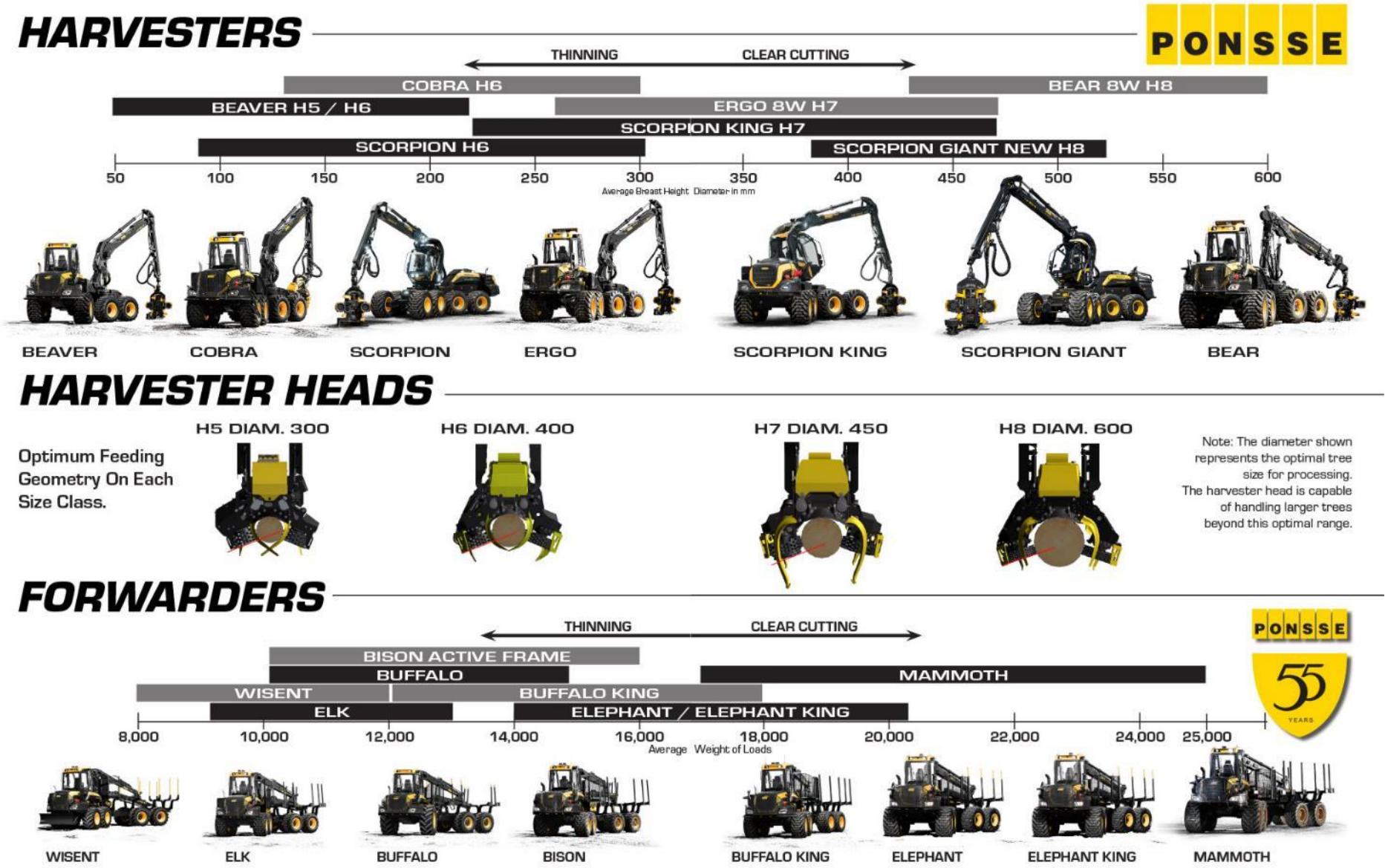
Active Flow continuously adjusts the feeding force to match tree characteristics.

- Smoother feeding
- Reduced wheel slip
- Improved delimbing performance
- Lower fuel consumption
- Consistent production with less operator input



Technological Leadership Through PONSSE Integration

Ponsse models like Beaver and Buffalo provide customized forestry solutions matching production and stand conditions.



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Investments and the Future of Sustainable Forestry

Landrich

Recent Innovations Including the Landrich Platform

- Landrich Platform Evolution

  The Landrich is a purpose-built track havester developed with operator input to meet Canadian forestry demands.

  BEST-IN-CLASS: Fuel efficiency, productivity and reliability



Build right here in New Brunswick

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Major Innovation Investments with Landrich

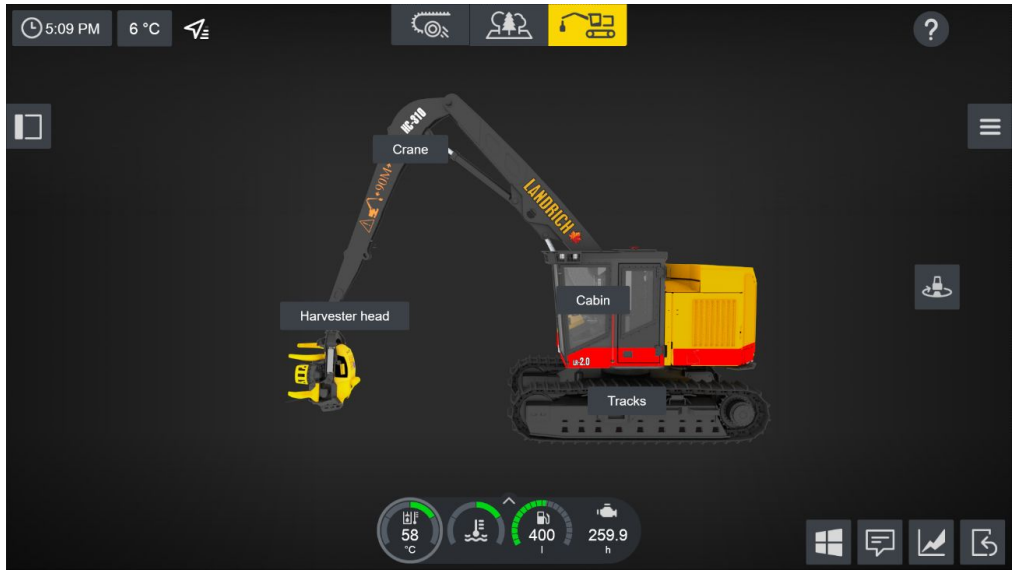


- Collaboration with Global Engineering

  Partnership with Ponsse integrates local expertise with global engineering for durable and sustainable machines.

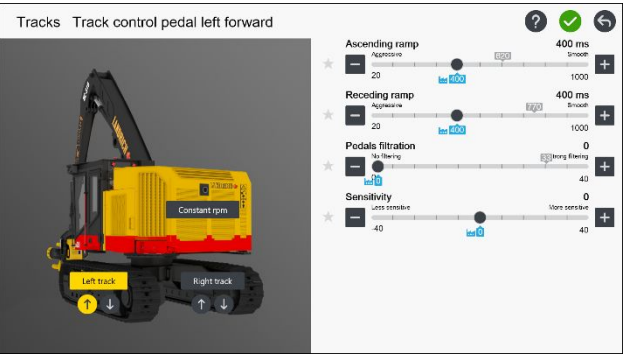
Digital Integration with Opti 5G and Machine-to-Machine Connectivity





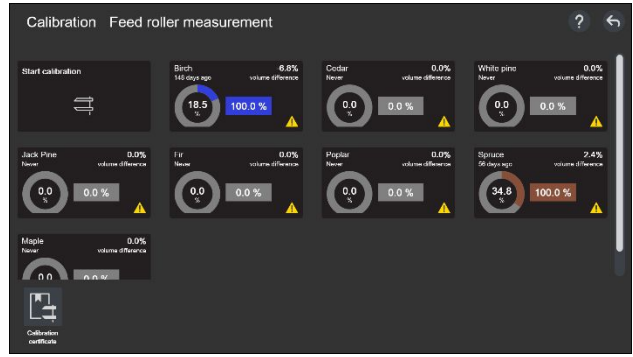
- Opti 5G System Features

  Opti 5G offers intuitive graphics and enhanced data processing for better machine-to-machine communication in forestry equipment.









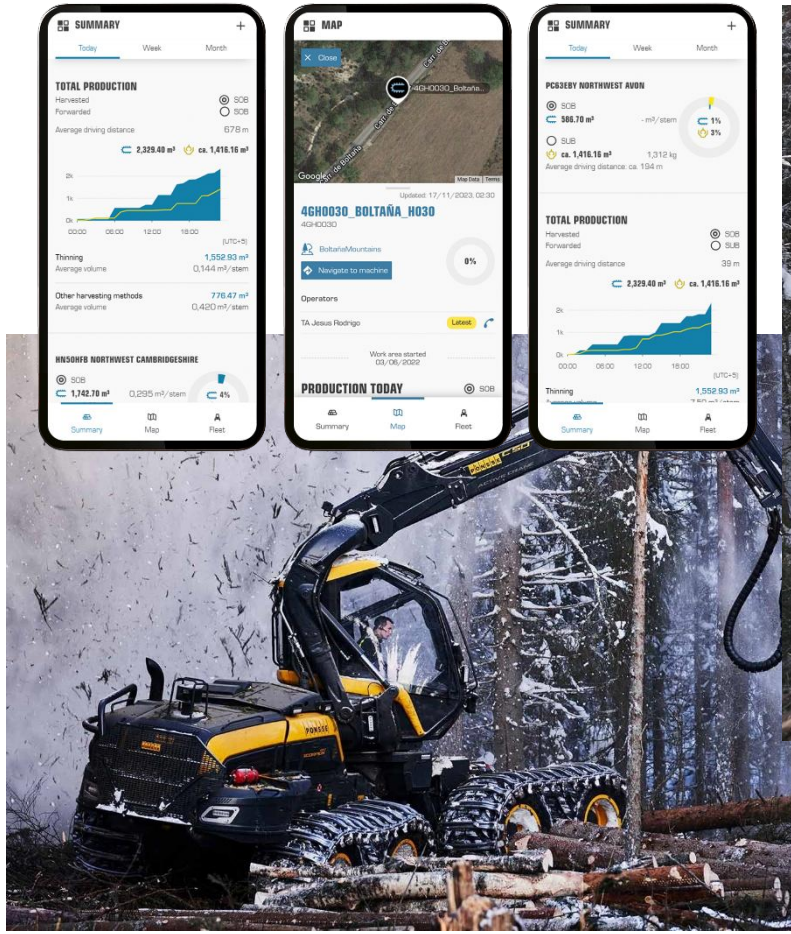
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Looking Forward: AI, Performance, and Industry Growth

ALPA's Outlook:
AI, Advanced Machine Performance, and Sustainable Growth

- AI-Driven Machine Performance

  ALPA leverages AI to enhance machine automation, predictive maintenance, harvesting accuracy for improved forestry operations and field technical support





Conclusions

ALPA Is Your Forestry Partner

- Committed to be part of the solution
  - Improving the bottom line.
  - Help with your recruitment and retention challenges.
  - Training programs & partnerships with schools and colleges
  - Partnerships with the industry

ALPA Is Your Forestry Partner

Leading the industry in:

- Productivity and profitability
- Monitoring and management tools
- Fibre optimization

Partnership with our clients and industry

Your Success Is Our Success

Your Local Partner
Since 1976

Thank you

A.L.P.A. EQUIPMENT LTD
50 years ans

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