PRECISION FORESTRY

Real-time planning and monitoring **eliminate guesswork.**

Our TimberMatic Maps™ and TimberManager™ software platform will revolutionize how you plan, implement, and monitor your logging operations. This map-based production-planning and -tracking system allows project managers to share real-time production and location information with operators — taking the guesswork out of effective decision-making.

Real-time updates

TimberMatic Maps is an advanced way of seeing the jobsite. Live production and location data is shared among John Deere forestry machines via a wireless mobile network and real-time cloud connection. Operators can view all machine locations and the current logging situation in real time using the TimberMatic Maps display through the TimberMatic control system in the machine cab.

Simplified mapping

TimberMatic Maps accommodates all common map formats, from simple hand-drawn maps to elaborate shape-files or pdfs. Standard satellite or topographic imagery can be sent directly to machine through onboard cellular connection. Using TimberManager, owners can change map features and share updates via an online, cloud-based solution without having to physically visit each machine.

Live production view

TimberMatic Maps shows the precise GPS-based location, estimated volume, and up to two species of timber when manually counting stems with a feller buncher — for simple, efficient planning. Forwarder operators can immediately see where certain species are located and choose the optimal route to pick up and transport a full load of a desired assortment to the landing.

Precise progress tracking

As the job progresses, production data and logging routes are updated in real time on TimberMatic Maps, displaying the actual, up-to-the-minute status of the jobsite. Using the Areas of Interest and Points of Interest functions, operators and contractors can easily mark hazards, obstacles, soft ground, and challenging terrain, in the cab or on a tablet. These are shared in real time with all crew members, optimizing jobsite awareness and productivity.

Remote monitoring

In addition to TimberMatic Maps onboard the machine, contractors and supervisors can monitor live progress from anywhere at any time using TimberManager — a web-based solution for PCs, tablets, and mobile phones. Select a logging site and view harvesting, skidding, and forwarding progress at a glance, along with more detailed information including machine production and efficiencies.

Fleet optimization

Go beyond machine-level management with information and insights to improve efficiency and precision.

TimberMatic Maps and TimberManager are available on nearly all models of John Deere forestry equipment, including skidders, wheeled and tracked feller bunchers, wheeled and tracked harvesters, forwarders, and swing machines. Plus the system can be updated on most existing machines.

See your dealer for details.

OPERATOR-ASSISTANCE TECHNOLOGY

Standard on many forestry models, these supporting features are designed to help boost operator efficiency when combined with Precision Forestry tools:

- Intelligent Boom Control (IBC)
- Smooth Boom Control (SBC)
- Boom following mode
- Leveling systems

- Control system tuning
- Joystick signal filtering
- TimberSkills and simulators

Get connected to
enhanced productivity

Precision Forestry helps optimize your machines, your uptime, and your jobsites, ultimately leading to improved productivity. Your John Deere dealer employs a team of technology specialists trained to help you realize the benefits of Precision Forestry with as much or as little involvement as you desire.

And to help keep your equipment running in peak condition, John Deere Connected Support™ creates a partnership between your dealer and teams at the factory to improve the uptime and profitability of your equipment. The John Deere Operations Center™ lets you monitor your fleet for any machine issues and is ready to provide proven solutions to minimize downtime.

SAFETY
live with it

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