



## **PROCESSOR OPERATOR:**

- Operates a “harvester-processor” machine, which moves through the forest to select-cut-fall trees in the desired direction, de-limb and cut the whole tree into logs, and pile those logs in bunches.
- This whole-tree processing is referred to as the “cut-to-length” logging system.
- Cutting decisions are optimized by electronic sensors, monitor screens, and an on-board computer system.
- The processor machine may also be parked at the roadside landing area, where whole trees delivered to the road can be processed into logs.
- The operator maneuvers this fascinating track-mounted, or wheeled, machine from within an enclosed cab, selecting trees to cut using pre-specified harvest and environmental guidelines.
- The processor operator runs a purpose-built machine with a long, telescoping boom arm and a dangle-head cutting attachment.
- The machine is a self-propelled, off-road vehicle that moves through the forest to cut & fall whole trees, de-limb them, cut log lengths, and place all logs into piles (bunches).
- The “processor” machine and its telescoping boom grabs onto a tree, cuts it off at the
- The processor machine looks like a log loader, except it is equipped with a specialized cutting head that performs falling, delimiting, bucking, and piling.
- The operator safely maneuvers on moderate to steep forest slopes & rough terrain to skillfully process designated trees.
- Controls machine operation seated inside the machine’s cab, using a combination of joysticks, toggles, monitors, gauges, pedals, and levers.
- Operator drives a company pickup to the forest job sites; and often works independently, following detailed work plans and specifications.
- Communicates safe machine and tree movement activities using a radio.
- Operator may be responsible for machine basic service, refueling, diagnostics and minor repairs.
- Requires special safety gear, climbing off & onto the processor, and some walking on sloping forest terrain.
- Must follow all safe work procedures
- Must be fit for duty at all times
- May be required to complete steep slope logging assessments
- Operator required to operate Complex computer controls



**Prior Experience:** Minimum 5 years-experience; Work as operator of feller-buncher, log loader, hoechuck or forwarder; preferred previous experience as a timber faller, in heavy equipment mechanical repairs, operating other forestry equipment, farm machinery or heavy equipment; learn from work with experienced processor operator; demonstrated safe processor & service performance; written processor operator handbooks and machine service training guides; on-the-job-training.

## SAFE WORK PROCEDURES

### PROCESSOR OPERATOR

#### **PERSONAL PROTECTIVE EQUIPMENT:**

Hi-vis Hardhat  
Hearing Protection  
Substantial Appropriate Footwear  
Hi-vis Clothing

#### **PROCEDURES:**

- Check to ensure machine is in safe operating condition before using.
- Always wear the seat belt when operation equipment
- Ensure workers are clear of the hazardous areas.
- Ensure guarding is being maintained.
- Maintain good housekeeping.
- Operate at a safe speed.
- Follow the lock-out or de-energization procedures while conducting maintenance work on the machine.
- Always enter and leave the machine in a safe manner. Use the handholds and beware of the slipping hazards that exist, particularly in the winter.
- Ensure a man-check system is set up while working alone.
- Ensure tracks are adequately caulked with ice lugs for winter operations.
- Wear the seat-belts when traveling.

#### **LOG PROCESSOR LOCKOUT PROCEDURES:**

If one or more person(s) working on machine:

##### **Shut down procedure:**

- **CAUTION – THE HEAD IS ROBOTIC!**
- Notify other affected employees
- Lower head to ground
- Shut down computer (See manufacturer's instructions)
- Shut down engine
- Set hydraulic lockout lever
- Turn off master switch
- Test to verify zero energy (electrical, hydraulic, & gravity)

##### **Start-up procedure:**

- Start machine when safe to do so

***Note: For Processor without master switch, follow the above procedures except when shut-down, key out and in pocket.***