



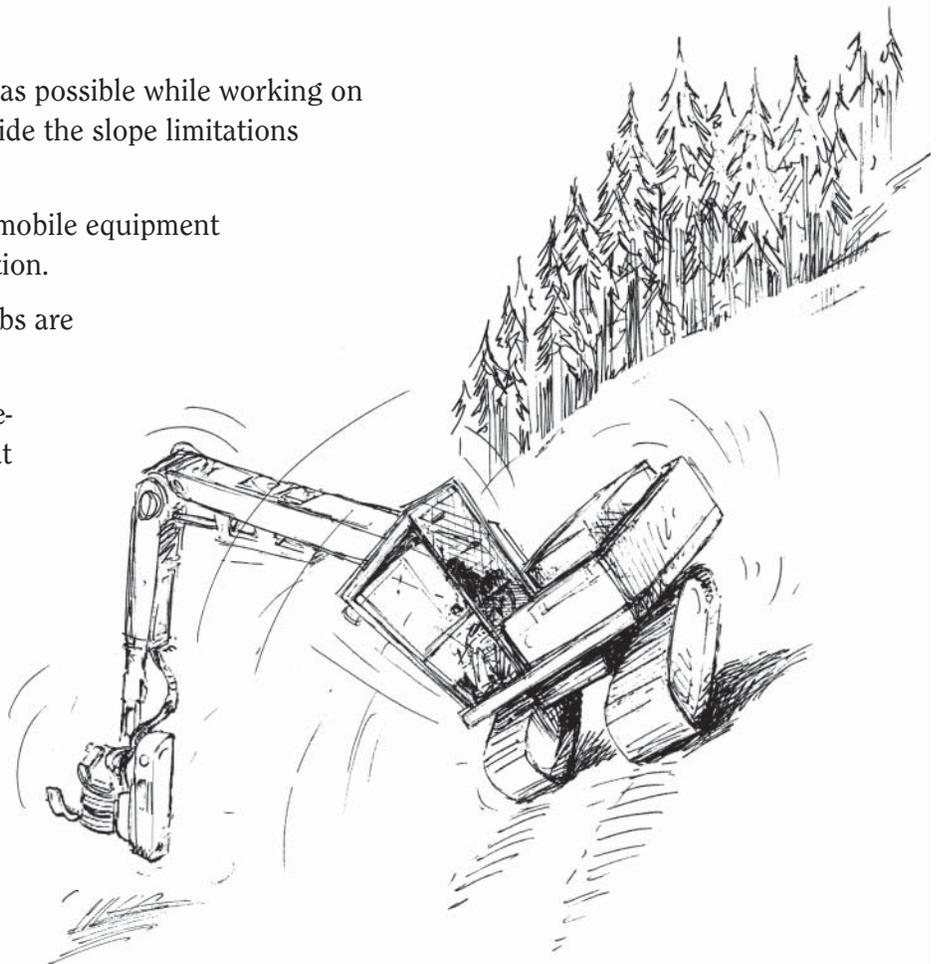
Cab mounting broke when processor tipped over

A danglehead processor was delimiting and bucking trees on a 35 percent slope. As the operator was walking the machine, it became unstable. He pivoted the turntable to get the danglehead to the low side. Halfway through the pivot, the processor flopped over. The side of the cab hit a stump, resulting in minor damage to the cab.

The operator's seat and the controls were attached to the machine, and the operator was protected by a standard five-sided reinforced forestry cab. The cab was mounted with eight $\frac{5}{8}$ -inch grade 8 bolts. Seven bolts broke, and only one bent bolt held the cab onto the machine. The operator sustained minor injuries. Had the cab broken free, the loose cab might have crushed the operator.

Safe work practices:

- Keep forestry machines as stable as possible while working on slopes. Do not operate them outside the slope limitations specified by the manufacturer.
- Wear a seat belt while operating mobile equipment that offers operator crush protection.
- Ensure that bolts on five-sided cabs are properly torqued.
- Ask the manufacturer of your five-sided forestry cabs to confirm that the mounting is designed to stay intact until at least after the cab has failed. WCB Standard G602 requires that structural parts on the machine be able to resist the loads imposed on them by the cab protective structure. It is good engineering practice to ensure that the cab mounting system (usually bolts) is strong enough to stay intact until the cab has collapsed.



Industry: Forestry
Experience:
Less than 2 years

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06-07