

Titel:

Relationship between a number of handling logs and productivity of log loading work with a grapple.

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The relationship between the time required for one work cycle of log loading and the number of holding logs with a grapple was examined regarding several operators with various skill levels. As a result, the most productive number of holding logs for each operator was clarified. For an expert, it was more efficient to hold logs together as much as possible. But for a beginner or an unskilled operator, it was not productive to hold logs as much as an expert. It was often observed that the unskilled operators had much time to collect felled logs caused by holding too many logs or put the logs in order on a carriage. The result suggests that an unskilled operator would be able to work more effectively by grasping the optimum amount of logs in log loading work.