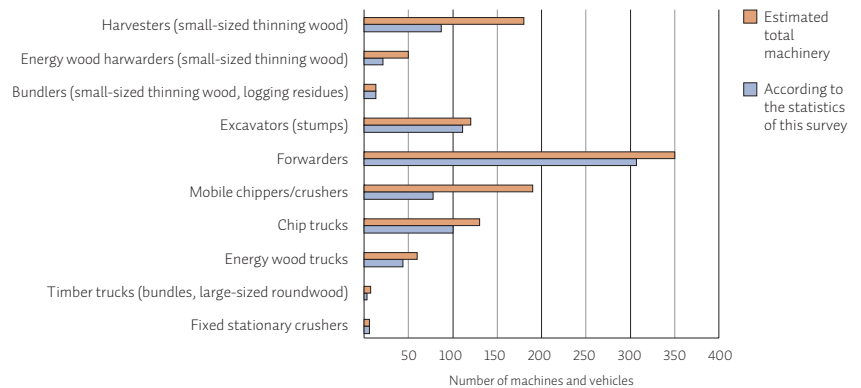


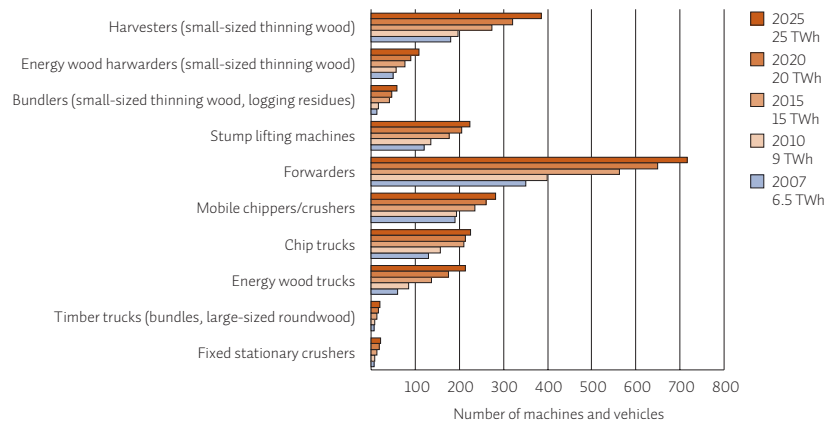
Machinery for Forest Chip Production in Finland in 2007 and in the Future

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- The study estimated that a total of 1,100 machine and truck units were employed in the production of forest chips for energy plants in 2007.
- A total of 770 machine and truck units were contracted for the major forest chip suppliers in 2007.
- Increasing forest chip consumption will considerably increase the demand for additional forest chip production resources in the future.
- If the consumption of forest chips by energy plants in 2015 reaches 15 TWh, i.e. about 7.5 mill. m³, then the forest machine and truck requirement will be over 1,700 units.
- The corresponding machinery requirement at an energy plant with a forest chip consumption of 25 TWh (approx. 12.5 mill. m³), will be close to 2,300 machine and truck units.



Estimated total machinery used in forest chip production for energy plants in Finland in 2007. The graph also shows the machinery compiled in the statistics of the survey. This production machinery was contracted for the major forest chip suppliers of this study.



Estimate of the total production machinery required for forest chip production in Finland during 2010–2025 according to the expected consumption levels of forest chips used by energy plants.



Photos: Metsäteho Oy, Kella Oy, UPM Forest, Ideaschip Machinery Oy