

Feasibility Study for a Combined harvester of coppice or forest residue for wood fuel

Supported by the Welsh Assembly

Government



Patent applied for

Altos

World's first mini walking excavator



Forestry drainage machine



8130 tree harvester

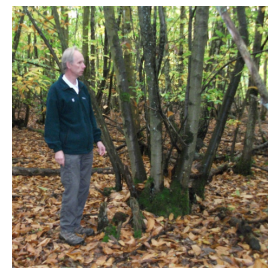


The demand for wood as a fuel

- 900Mw of wood fuelled power stations already, with another 5000Mw in planning
- District heating
- Large commercial heating systems, schools, hospitals, office etc
- Domestic heating subsidised by the Renewable Heat Incentive
- Wood burning stoves

Sustainable wood fuel from sweet chestnut

- Sweet chestnut, has to be cut at a 7 degree angle, to encourage regrowth.
- Regrowth is bowl shaped. In Germany these stumps are pruned at an early stage leaving one stem

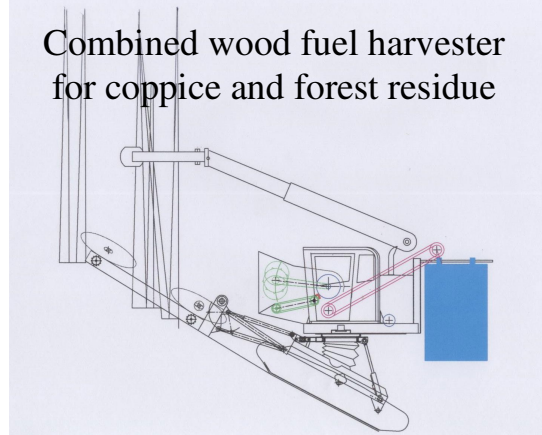


Sustainable wood fuel from SRC

- Willow grown as short rotation coppice leave stumps which are lethal to tyres



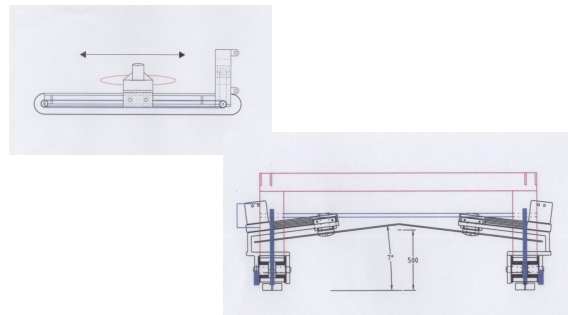
Combined wood fuel harvester for coppice and forest residue



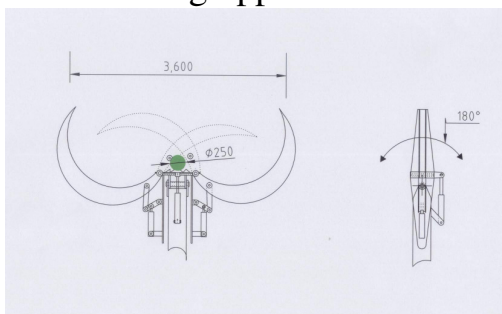
Altos track system in action



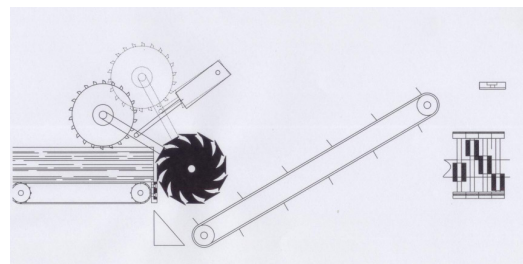
Twin circular saws with 7 degree cutting angle



Telescopic arm with orange peel grapple



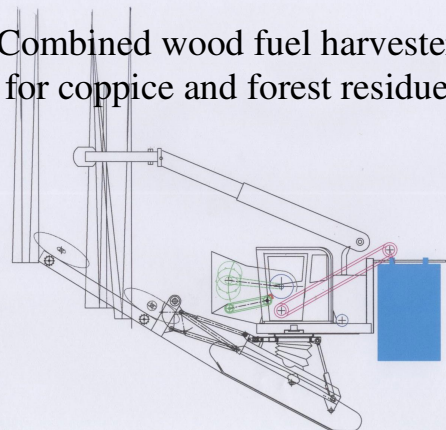
Billet former



Finished billets



Combined wood fuel harvester
for coppice and forest residue



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