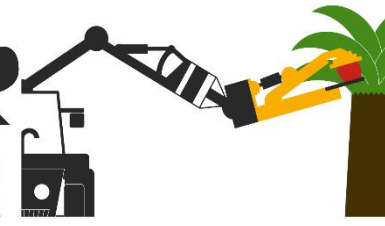
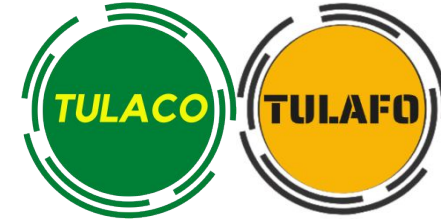




PALMMASTER THE PALM FRUIT HARVESTER



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PalmMaster – attachment to solve growing global environmental challenges

- The most modern way to mechanize the palm fruit harvesting process effectively and minimize the lost of the fruit material during the harvesting process and transportation

Turkka Lastunen Consulting/Forestry Oy Ltd (Turku and Joensuu Finland)

May 2026 by Turkka Lastunen

www.tulaent.com or www.tulafo.com

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Oil palm fruit is nowadays collected manually. To develop more efficient and accurate as well productive mechanized method we have innovated a collection head with a manipulator to be installed end of the hydraulic boom, which is driven by a modern environmentally friendly off road vehicle.

The designed based on our long experience of timber harvesting machinery and tropical conditions utilizing observations and discussions during the field trips in SEA and Latin countries

The design and realization of the new head & cutter product is totally new and it's still very much at the concept level, but it's very realistic to do based on our experience of LAKO harvester & StemMaster continuously collection bioenergy and fuel management head.

Related to the control systems, we have lots of experience from harvester heads and the latest new knowledge about the control system is suitable for PalmMaster palm tree harvester head innovation, in which we could utilize the latest camera and AI technology.

The most important topic besides the productivity and safety is the timing of the fruit pick up. By doing the harvesting at the right time decreases the losses of raw material essentially as well minimize the forest land use and so increase the sustainability and environmental friendliness of the whole oil palm industry.



PALMMASTER

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