

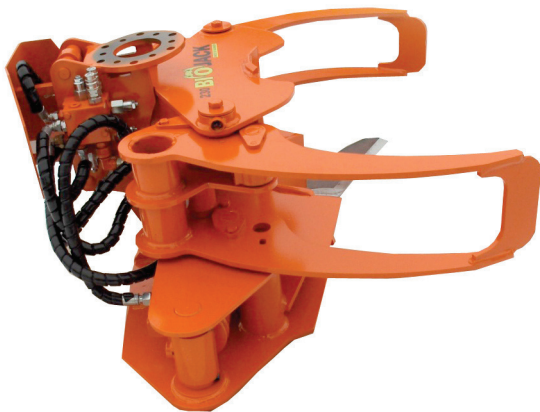
# 230 BIOJACK

MADE BY NUMMEK

Energy wood grapple for professional use



**CUT AND LOAD**



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||||| **CUT AND LOAD** |||||

**Versatile energy wood grapple for professional use. Suitable for thinning and harvesting energy wood. Easy and fast to install with no need for additional hydraulics. Easy to operate. Outstanding cutting and loading features. Delimbs utilizing the crane before cutting. No need to remove the cutting blade as it retracts inside the frame when the grapple is used for loading.**

- Cuts and loads trees.
- Delimbs by pulling the grapple along the trunk.
- Simple to install as no additional hydraulics are needed (only inlet and outlet hoses).
- Easy to maneuver even in difficult conditions.
- Movements are easy to control.
- Fast cutting.
- Clean work results and short stumps.
- Cuts felled trees.
- Can be transformed into a loading grapple in an instant (the cutting knife retracts inside the frame when the grapple is used for loading).
- Strong and durable design.

## Model Biojack 230

- Energy wood grapple for contractors/farmers
- Maximum tree diameter when cutting 250-300 mm
- Weight 230 kg
- Oil flow 40-80l/min
- Operating pressure range 190-240 bar
- Maximum grapple opening 820 mm
- Height in felling position about 490 mm
- Suitable base machine: farm tractor, loader or forwarder
- Excellent loading capabilities
- Cuts with rotating knife-blade
- Also available with brush grapples or delimiting knives

## Short stump



VALMISTAJA:

Nummek Oy, PL 25, 25501 Perniö

Puh. (02) 735 800, nummek@nummek.fi



[www.biojack.fi](http://www.biojack.fi)  
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