

180 **BIO**JACK

MADE BY NUMMEK

ENERGY WOOD GRAPPLE



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



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Practical energy wood grapple for farmers. 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 180

- Farm line energy wood grapple
- Maximum tree diameter when cutting 170-200 mm
- Weight 200 kg
- Oil flow 35-60l/min
- Operating pressure range 170-220 bar
- Maximum grapple opening 840 mm
- Height in felling position about 470 mm
- Suitable base machine: farm tractor, loader or forwarder
- Excellent loading capabilities
- Also available with brush grapples or delimiting knives

Short stump



VALMISTAJA:

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www.biojack.fi
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