

# ENERGY WOOD GRAPPLE BIOJACK 300



MADE IN FINLAND

# BIOJACK®

MADE BY NUMMEK

## ENERGY WOOD GRAPPLES FOR EASY AND FLEXIBLE WORK!

All our grapples can be customised according to your needs. Our products are as user-friendly, easy and fast as possible, so that you can simply focus on your work.

Biojack products are durable and sturdy, because they are manufactured in Finland, from sturdy top-quality materials. Biojack grapples are particularly suitable for first thinning, gathering energy wood and for civil engineering, for example cutting trees in close proximity to power lines, or in parks. Tree cutting is quick and easy with a knife, chain saw or even both.

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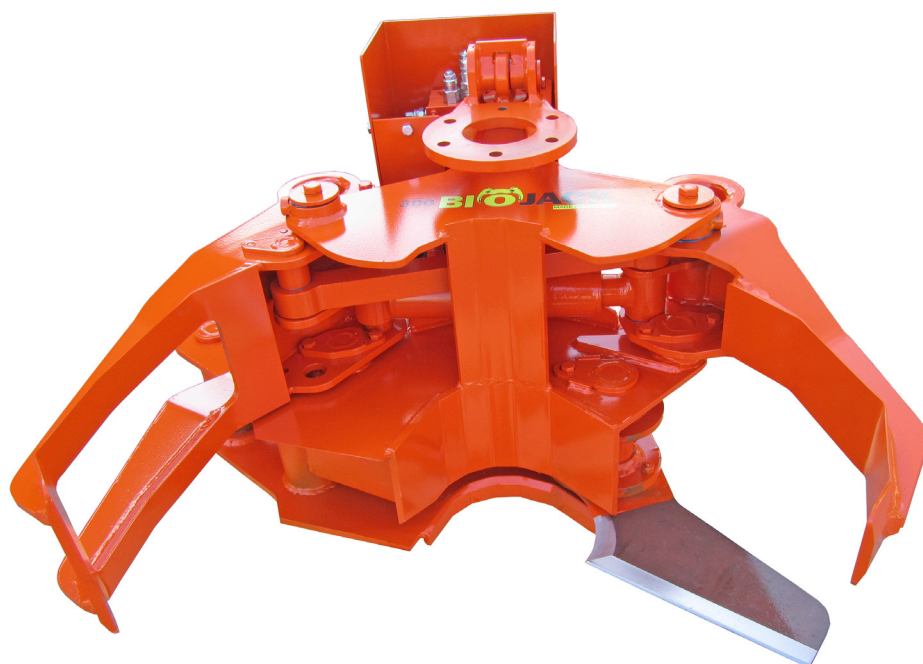


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## Versatile energy wood grapple for professional use.

### 3-IN-1: CUTTING, DELIMBING, LOADING

Suitable for thinning and harvesting energy wood. Cuts and loads trees.



## Technical data

- Weight 260 kg
- Cutting diameter 250 – 300 mm
- Working pressure 200 – 250 bar (total pressure - back pressure)
- Oil flow 60 – 100 l/min
- Grapple opening 840 mm
- Height in felling position 600 mm
- Suitable for: tractors, excavators and forwarders
- Comes with delimbing knives
- Delimbs by pulling the grapple along the trunk
- Cuts with swivelling blade
- Simple to install as no additional hydraulics are needed
- Can be transformed into a loading grapple in an instant

## The benefits of Biojack energy wood grapples

- Easy to install
- Flexible and agile even in the most demanding conditions
- Controlled movements, clear work cycle
- Fast cutting
- Clean end result
- Cutting of felled timber (for example for firewood)
- Usable as a grab for loading; no additional installation work is required
- Strong and durable structure

## Biojack energy wood grapples for cutting and loading wood

The new Biojack energy wood grapples cut and load energy wood. Their user-friendliness is what makes Biojack grapples special. Work can be commenced with minimal effort. The device is easy and fast to install on the rotator of a loader. Biojack truly comes into its own in timber harvesting and loading.

The grapple has a clear work cycle: it grabs a tree, cuts it, tilts it and opens once the log is moved onto a stack. The device breezes through the work phases with incredible smoothness. Thanks to its diverse functions, the same device can also be used as a grab for loading without any additional installation work. Biojack works flexibly as a cutting grapple or grab, whichever is needed. Additionally, the Biojack grapple can be locked in the grab position, which disables the blade and tilt.

The Biojack grapples are manufactured on Nummek's automated production line, with extensive international experience in the production of hydraulic equipment. Nummek's operations are compliant with the ISO-9001 certified quality system.

