



BIOJACK® 450



TREE SHEAR 2 in 1

Cut & Load

- ✓ Excavators 10-20 t
- ✓ Robust structure
- ✓ Quick cut, Ø35-45 cm
- ✓ Low stump



MADE IN FINLAND

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The **Biojack 450** is a heavy and robust grapple designed for tough conditions. The grapple holds the tree firmly before the cut starts, max safety next to powerlines. Its user-friendliness is what makes it special. It moves smoothly through the trees, and thanks to its diverse functions, it can be used both for **cutting** and **loading**, without any modification. Available with the **accumulation** grapple (E-kit), the upper secondary grapple (EG-kit), which can be used for **delimiting** or moving trees vertically after cut, as well as rotator options.

Work cycle: Press the hydraulic command, the grapple grabs a tree, the knife cuts, the tilt fells the tree. Then use the grapple for sorting and loading duty, just like that!

Biojack grapples are durable and sturdy, manufactured by Nummek in Finland, from top quality materials. All our products are user-friendly, easy and fast to use instinctively, and can be customized according to your needs, so you can simply focus on your work.

TECHNICAL DATA	
Weight Biojack 450	550 kg (1220 lbs)
Weight Biojack 450EG	710 kg (1565 lbs)
Cut diameter max. (hardwood-softwood)	350-450 mm (14-17")
Cut mode	Blade Hardox 500
Oil flow	100-150 L/min (26-40 gpm)
Operating pressure	250-300 bar
Back pressure max	30 bar
Grapple opening	850 mm (33")
Grapple type	Round wood grapple
Shut off valves	Blade
Height in felling position	Bj450: 710 mm (28") Bj450EG: 1350 mm (53")
Coupling mode	BA90
Hydraulic connections	3/4" (2 hoses, pressure and return)
Base machines	Excavators 10-20 t, telehandlers Rotator CPR15 Rotator TD Coupling Box
Options	E-kit, accumulation grapple Wireless control for the E-kit EG-kit, upper delimiting grapple Quick coupling



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