



BIOJACK® 300



TREE SHEAR 4 in 1

Delimb, cut, collect, load

- ✓ Forwarders, trailers, trucks, excavators 8-15 t
- ✓ Robust structure
- ✓ Quick cut, Ø25-30 cm
- ✓ Low stump



MADE IN FINLAND

Biojack Oy | www.biojack.fi
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The **Biojack 300** is a robust and agile grapple designed for tough conditions. Easy and quick to install on a crane, on trucks, tractors, forest trailers, or excavators. 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. The grapple can be used for **delimbing** trees, as standard.

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.



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	CRANE	EXCAVATOR
Weight	300 kg (660 lbs)	Boom 300 kg (660 lbs) BA90 330 kg (730 lbs)
Cut diameter max. (hardwood-softwood) Scandinavian woods	250-300 mm (10-12")	250-300 mm (10-12")
Cut mode	Blade Hardox 500	Blade High Tensile Steel
Oil flow	60-100 L/min (16-26 gpm)	60-100 L/min (16-26 gpm)
Operating pressure	200-250 bar (2900-3620 psi)	200-250 bar (2900-3620 psi)
Back pressure max	20-30 bar (290-435 psi)	20-30 bar (290-435 psi)
Grapple opening	775 mm (30")	775 mm (30")
Grapple type	Delimbing grapple standard	Delimbing grapple standard
Shut off valves	Blade Tilt	Boom: No BA90: Blade
Height in felling position	600 mm (24")	600 mm (24")
Coupling mode	Flange ø173 mm	Boom, BA90 or BA45
Hydraulic connections	1/2" (2 hoses, pressure and return)	1/2" (2 hoses, pressure and return)
Base machines	Tractors, trucks, forwarders	Excavators 8-15 t, telehandlers Boom, BA90 tai BA45 Rotator CPR9 or CPR15 Coupling Box
Options	Rotator adapter 4-fingered grapple (brushwood) E-kit, accumulation grapple Wireless control for the E-kit Hooked knife	E-kit, accumulation grapple Wireless control for the E-kit EG-kit, upper delimiting grapple Quick coupling Hooked knife



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