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**
Valimotie 1, FI-25500 Perniö | info@biojack.fi

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.

	CRANE	EXCAVATOR
Weight	300 kg (660 lbs)	Boom 300 kg (660 lbs) BA90 330 kg (730 lbs)
Cut diameter max. (hardwood-softwood)	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	200-250 bar
Back pressure max	20-30 bar	20-30 bar
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”)
Connection to rotator	Flange ø173 mm	Boom or BA90
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
Options	Rotator adapter 4-fingered grapple (brushwood) E-kit, accumulation grapple Wireless control for the E-kit	Boom BA90 Rotator CPR9 or CPR15 Coupling Box 4-fingered grapple (brushwood) E-kit, accumulation grapple Wireless control for the E-kit EG-kit, upper delimbing grapple Quick coupling

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