



# BIOJACK<sup>®</sup> 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](http://www.biojack.fi)  
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Tilt function on cranes  
Delimbing grapple as standard  
Only 2 hydraulic hoses



Fix mounting  
with rotator!



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



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