



# BIO JACK<sup>®</sup> 500S



## SAW GRAPPLE 2 in 1

*Cut & load*



- ✓ Telehandlers, excavators 8-20 t
- ✓ Heavy duty
- ✓ Saw Ø50 cm
- ✓ Low stump

 **MADE IN FINLAND**

Biojack Oy | [www.biojack.fi](http://www.biojack.fi)  
Valimotie 1, FI-25500 Perniö | [info@biojack.fi](mailto:info@biojack.fi)



12-20 t

Quick coupling

Slew drive TD

A sturdy and powerful grapple for forest harvesting, urban felling and wood handling.

It can be used for removing trees around power lines and buildings. The trunk is cut with a chainsaw. During the loading cycle, the saw remains in its casing and is activated by pressing a power button; this means that the grapple can be used flexibly for **cutting** and **loading**.

This grapple includes the saw unit SuperCut 100, with **automatic saw chain tensioner** and a dedicated lub oil tank for the chain.

The hydraulic components are well protected into the rear casing, while being easily reachable.

The Biojack 500S can be mounted on a telehandler or on an excavator, with different coupling solutions. The TD rotator is available with its swivel joint for limitless rotation.

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.

<b>Weight</b>	<b>500S</b>
	690 kg (1500 lbs)
	<b>500S + TD + Box</b>
	900 kg (2000 lbs)
<b>Cut diameter max.</b>	Saw 500 mm (19")
<b>Cut mode</b>	Saw chain .404
<b>Saw unit</b>	SuperCut 100
	Auto chain tensioner
	Lub oil tank
<b>Oil flow</b>	80-100 L/min (21-26 gpm)
<b>Operating pressure</b>	200-250 bar
<b>Back pressure max</b>	20-30 bar
<b>Grapple opening</b>	40-1480 mm (2-58")
<b>Grapple type</b>	4-fingered grapple
<b>Height in felling position</b>	930 mm (37")
<b>Hydraulic connections</b>	Pressure 3/4"
	Return 3/4"
	Free return 3/8"
<b>Electric connections</b>	1 cable (12 or 24 V)
<b>Base machines</b>	Excavators 12-20 t, telehandlers
	TD-rotator (slew drive)
<b>Options</b>	Swivel joint (limitless rotation)
	Wireless control
	Coupling Box
	Quick coupling



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