



# BIOJACK® 400S



## SAW GRAPPLE 2 in 1

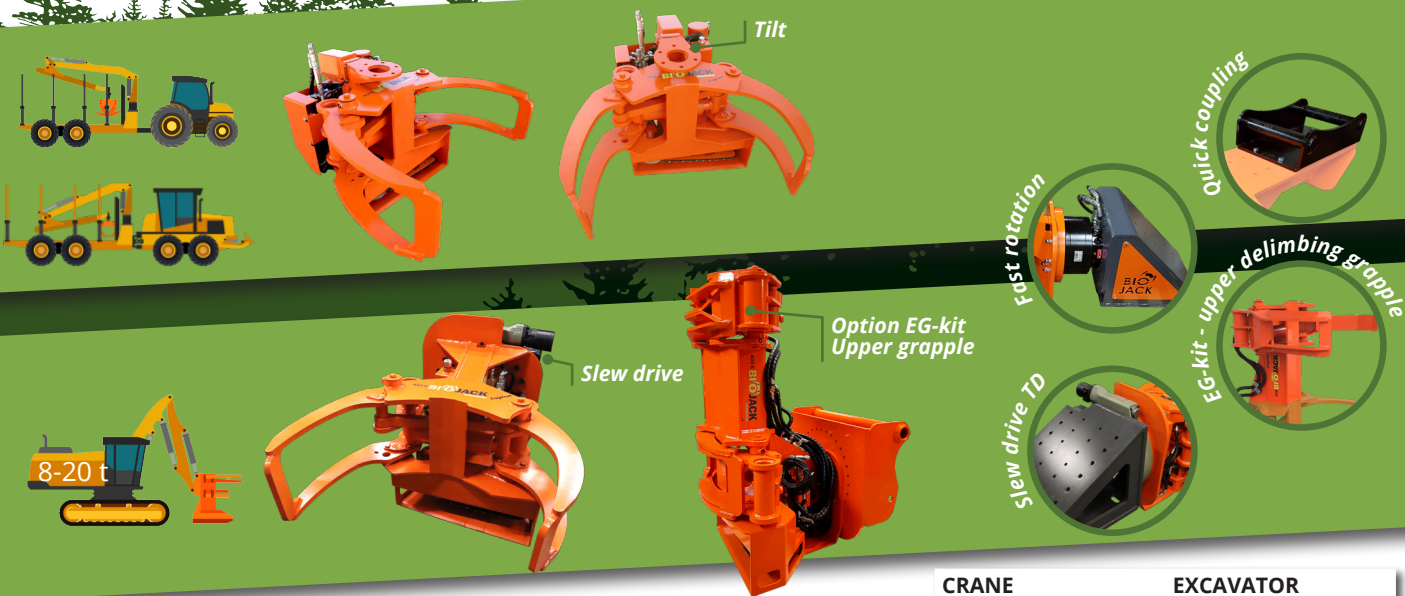
*Cut & Load*



- ✓ Tractors, forwarders, trucks, telehandlers, excavators 8-20 t
- ✓ Robust structure
- ✓ Saw Ø40 cm
- ✓ Low stump

 **MADE IN FINLAND**

Biojack Oy | [www.biojack.fi](http://www.biojack.fi)  
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The **Biojack 400S** is a robust and agile grapple designed for tough conditions. It is equipped with a saw. The chainsaw functions with its **own oil tank** and the **lubrication is automated**. 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 interruption.

Not only a grapple saw, it's a real felling grapple, meant for forest harvesting or urban felling.

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
<b>Weight</b>	315 kg (695 lbs)	<b>400S</b> 315 kg (695 lbs) <b>400SEG</b> 450 kg (990 lbs)
<b>Cut diameter max.</b>	Saw 400 mm (16")	Saw 400 mm (16")
<b>Cut mode</b>	Saw chain .404	Saw chain .404
<b>Saw unit</b>	5 or 10 cc Lub oil tank	5 or 10 cc Lub oil tank
<b>Oil flow, saw motor 5 cc (Scandinavia)</b>	<b>5 cc</b> 60-70 L/min (16-18 gpm),	<b>5 cc</b> 60-70 L/min (16-18 gpm),
<b>Oil flow, saw motor 10 cc</b>	<b>10 cc</b> 80-100 L/min (21-26 gpm)	<b>10 cc</b> 80-100 L/min (21-26 gpm)
<b>Operating pressure</b>	200-250 bar	200-250 bar
<b>Back pressure max</b>	30 bar	30 bar
<b>Grapple opening</b>	850 mm (33")	850 mm (33")
<b>Grapple type</b>	Round wood grapple	Round wood grapple
<b>Shut off valves</b>	Tilt lock	-
<b>Height in felling position</b>	600 mm (24")	600 mm (24")
<b>Connection to rotator</b>	Flange ø173 mm	BA90
<b>Hydraulic connections</b>	Pressure 1/2" Return 1/2" Free return 3/8"	Pressure 1/2" Return 1/2" Free return 3/8"
<b>Electric connection</b>	1 cable, or wireless control (12 or 24 V)	1 cable, or wireless control (12 or 24 V)
<b>Base machines</b>	Tractors, trucks, forwarders	Excavators 8-20 t, telehandlers
<b>Options</b>	Rotator Rotator adapter E-kit, accumulation grapple Wireless control for the E-kit and saw	Rotator EG-kit, upper delimiting grapple E-kit, accumulation grapple Wireless control for the E-kit and saw Quick coupling



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