



BIOJACK[®] MG320



TREE SHEAR MASTER GRAPPLE SERIES

✓ **WIDEST GRAPPLE**
MAX OPENING 170 CM

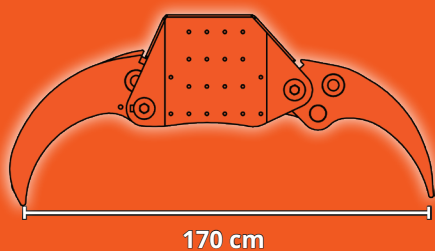
✓ **SHEAR CUT Ø32 CM**
WITH A STRONG CYLINDER

✓ **TOUGH STRUCTURE**
EXCAVATORS 10 - 25 T



MADE IN FINLAND

Biojack Oy | www.biojack.fi
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HARDOX
WEAR PLATE

E-kit ▶

ø32 cm

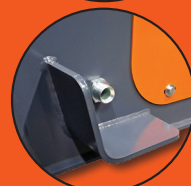
Felling support ▲

▶ Support foot

Quick knife removal

Hose guards

Grapple stoppers



The **MASTERGRAPPLE** is guaranteed for **up to 25 ton excavators** and can cover a large range of machines, thanks to a robust structure, while being a light weight.

A wide opening of 170 cm is the greatest advantage of this series, enabling the collection of **a large amount of stems in one single cut**, or for actually using the grapple for loading.

The **MG320 knife** is **removable in less than 1 minute**, easy to fit in and out.

The grapple is highly modular, meant for efficient **energy wood harvesting**, roadside clearing, and similar forestry and landscaping tasks.

Biojack grapples are durable and sturdy, manufactured 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.

| | |
|----------------------------|--|
| Weight | 640 kg (1410 lbs) |
| Cut diameter max | 32 cm (12.5") |
| Cut mode | Fixed shear ø320, detachable |
| Grapple type | Roundwood grapple MASTERGRAPPLE 1700-series |
| Oil flow | 100-200 L/min (26-52 gpm) |
| Operating pressure | 250-300 bar (3625-4350 psi) |
| Back pressure max | 30 bar (435 psi) |
| Grapple opening min-max | 11-170 cm (4.5-67") |
| Height in felling position | 63 cm (25") |
| Hydraulic connections | Pressure line 19 mm, 3/4" Return line 19 mm, 3/4" |
| Base machines | Excavators 10-25 t |
| Options | Felling support (+25 kg) |
| | E-kit, Accumulation grapple (+140 kg) |
| | Support foot (+40 kg) |
| | Quick movement valve |
| | Quick coupling |



www.biojack.fi

CUTTING IS NOT ENOUGH



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Novelty 2025. Some technical data may still be modified.