# engcon

## **Grapple saw**

### Flexibility at its best

The grapple saw is a powerful tool and a great choice for you and your excavator. If you work in urban environments or in confined spaces with your excavator, this is a perfect complement to your tiltrotator. Now you don't have to climb trees or poles or use a platform to work near power lines.

Instead, stay within the safety of the cab and connect the grapple saw with EC-Oil, cut your branches and lower them to the ground safely and securely. You save time and money!

- Automatic chain tensioning and proportional lubrication system.
- > Fast and easy saw bar and chain replacement.
- SuperCut minimizes down time and increases productivity.
- Built in bar feed cylinder.
- Sequence controlled saw function.
- Saw activating valve included.
- Simple installation on excavator.



#### **Specifications**

Model (grapple)	MG12	MG12	MG20
Base machine weight (t)	7-12	12-19	19–26
Weight (kg)	315	315	560
Max load (kg)	6 000	6 000	10 000
Grab area (m <sup>2</sup> )	0,26	0,26	0,52
Max grab width, A (mm)	1 496	1 496	2 279
Max width, B (mm)	454	454	531
Min gripping diameter (mm)	82	82	179
Height (tip–tip), C (mm)	910	910	1 163
Max hydraulic pressure (MPa)	25	25	25
Gripping force (tip–tip), at 25 MPa (kN)	16	16	24
Recommended quick hitch	S45	S60	S70
Prepared for EC-Oil *	$\checkmark$	$\checkmark$	$\checkmark$

\* To operate both grapple and saw requires two EC-Oil blocks.

Model (saw)	550S	
Saw motor displacement (cm <sup>3</sup> )	10	
Weight (kg)	165	
Length, A (mm)	1 168	
Width, B (mm)	184	
Height, C (mm)	465	
Width, D (mm)	148	
Min. hydraulic pressure, saw motor (MPa)	16	
Min. flow, saw motor (I/min)	60	
Max. chain saw speed	See manufacturer's specification	
Max effect for chain saw	See manufacturer's specification	
Saw chain (inch)	.404"	
Sword lenght (cm)	90 / 100	

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