Lightweight and compact grapple saw with tilt
– Suitable for urban tree removal and felling of energy wood.

This compact and lightweight grapple saw, with a weight from only 200 kg, works the same way as the popular bigger grapple saws SG220 and SG280. Suitable for installation on various base machines.

FEATURES
Fast and easy to use – increases productivity
Stable both in felling and loading position
Full control over all functions – e.g. make the saw movement many times without opening the grapple.
Works perfectly as a traditional loading grapple
Easy to install
No additional hydraulic lines are needed – only grapple open and grapple close
Completely stepless control – for example, stop the tilt half way if necessary
Control everything safely from the ground via remote control

Control system alternatives
Standard: 2 hydraulic lines (grapple open/close) + Radio-control (incl. 2 batteries and a battery charger)
Option: 2 hydraulic lines (grapple open/close) + Cable control

Suitable base machines
Smaller knuckleboom cranes
Forest trailers with cranes
Tractors
Small forwarders
If you are considering installing this grapple saw on another base machine, please consult the Mecanil dealer.

Grapple claw alternatives
Standard: Energy grapple claws (open ended)
Option: Traditional log grapple claws (closed ends)

Models

Model	Features
SG160 *G2*	– 2 hydr. lines (grapple open/close). – Cable along the crane. – Separate control buttons that can be installed in joystick. – Without collecting unit.
SG160 RC-T *G2*	– 2 hydr. lines (grapple open/close). – Radio-control with remote control you hold in your hand. – Without collecting unit.
SG160 RC-M *G2*	– 2 hydr. lines (grapple open/close). – Radio-control with separate control buttons that can be installed in joystick. – Without collecting unit.
SG160 A *G2*	– 2 hydr. lines (grapple open/close). – Cable along the crane. – Separate control buttons that can be installed in joystick. – Incl. collecting unit.
SG160 A RC *G2*	– 2 hydr. lines (grapple open/close). – Radio-control with separate control buttons that can be installed in joystick. – Incl. collecting unit.

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Technical information

Model	SG160 *G2*	SG160 RC *G2*	SG160 A *G2*	SG160 A RC *G2*
Tilt function	Yes	Yes	Yes	Yes
Collecting unit	No	No	Yes	Yes
Grapple size	0,16 m2	0,16 m2	0,16 m2	0,16 m2
Weight	200 kg	220 kg	245 kg	270 kg
Rec. working pressure	180-230 bar	180-230 bar	180-230 bar	180-230 bar
Rec. oil flow rate	40 – 80 l/min.	40 – 80 l/min.	40 – 80 l/min.	40 – 80 l/min.
Opening of grapple	925 mm	925 mm	925 mm	925 mm
Attachment rotator	69/30	69/30	69/30	69/30
Control	Cable control, 12V or 24V	Radio control	Cable control, 12V or 24V	Radio control
Cutting diameter, saw (16″)	–> 350 mm	–> 350 mm	–> 350 mm	–> 350 mm

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