A gamechanger for the tree removal industry
– Suitable for urban tree removal and felling of energy wood.

Easy-to-use and lightweight grapplesaw with tilt. The grapple saw is a combination of a high-powered chainsaw that can cut through wood within seconds, and a strong grapple that locks onto the tree allowing the operator to lower the limb to the ground in a controlled manner preventing property damage or injury to people below. 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
Knuckleboom cranes
Telehandlers
Forest trailers with cranes
Tractors
Forwarders
Excavators (free hanging)
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)
Option: A-model claws (claws with diagonal plates)

Models

Model	Features
SG220 *G2*	– 2 hydr. lines (grapple open/close). – Cable along the crane. – Separate control buttons that can be installed in joystick. – Without collecting unit.
SG220 RC-T *G2*	– 2 hydr. lines (grapple open/close). – Radio-control with remote control you hold in your hand. – Without collecting unit.
SG220 RC-M *G2*	– 2 hydr. lines (grapple open/close). – Radio-control with separate control buttons that can be installed in joystick. – Without collecting unit.
SG220 A *G2*	– 2 hydr. lines (grapple open/close). – Cable along the crane. – Separate control buttons that can be installed in joystick. – Incl. collecting unit.
SG220 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	SG220 *G2*	SG220 RC *G2*	SG220 A *G2*	SG220 A RC *G2*
Tilt function	Yes	Yes	Yes	Yes
Collecting unit	No	No	Yes	Yes
Grapple size	0,22 m2	0,22 m2	0,22 m2	0,22 m2
Weight	310 kg	330 kg	370 kg	390 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	1200 mm	1200 mm	1200 mm	1200 mm
Attachment rotator	173/6	173/6	173/6	173/6
Control	Cable control, 12V or 24V	Radio control	Cable control, 12V or 24V	Radio control
Cutting diameter, saw (18″)	–> 450 mm	–> 450 mm	–> 450 mm	–> 450 mm

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