

**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	<ul style="list-style-type: none"> <li>- 2 hydr. lines (grapple open/close).</li> <li>- Cable along the crane.</li> <li>- Separate control buttons that can be installed in joystick.</li> <li>- Without collecting unit.</li> </ul>
SG220 RC-T G2	<ul style="list-style-type: none"> <li>- 2 hydr. lines (grapple open/close).</li> <li>- Radio-control with remote control you hold in your hand.</li> <li>- Without collecting unit.</li> </ul>
SG220 RC-M G2	<ul style="list-style-type: none"> <li>- 2 hydr. lines (grapple open/close).</li> <li>- Radio-control with separate control buttons that can be installed in joystick.</li> <li>- Without collecting unit.</li> </ul>
SG220 A G2	<ul style="list-style-type: none"> <li>- 2 hydr. lines (grapple open/close).</li> <li>- Cable along the crane.</li> <li>- Separate control buttons that can be installed in joystick.</li> <li>- Incl. collecting unit.</li> </ul>
SG220 A RC G2	<ul style="list-style-type: none"> <li>- 2 hydr. lines (grapple open/close).</li> <li>- Radio-control with separate control buttons that can be installed in joystick.</li> <li>- Incl. collecting unit.</li> </ul>

## Technical information

Model	SG220 <i>G2</i>	SG220 RC <i>G2</i>	SG220 A <i>G2</i>	SG220 A RC <i>G2</i>
Tilt function	Yes	Yes	Yes	Yes
Collecting unit	No	No	Yes	Yes
Grapple size	0,22 m <sup>2</sup>	0,22 m <sup>2</sup>	0,22 m <sup>2</sup>	0,22 m <sup>2</sup>
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