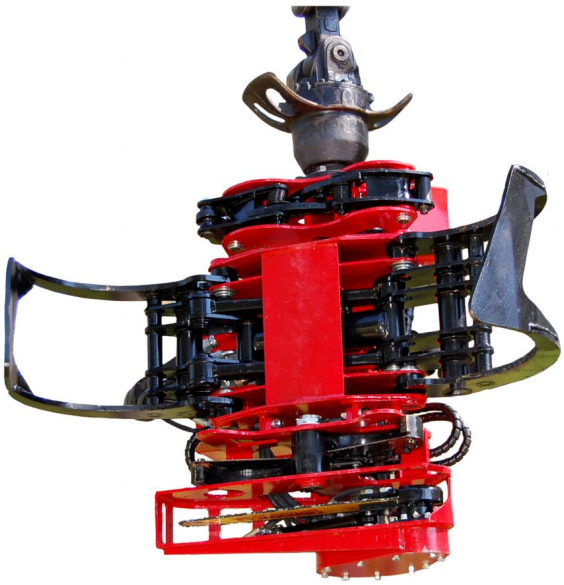
Versatile and efficient energy wood felling head with both saw and cutting unit
– This is a giant leap forward in professional energy- and small wood harvesting.

With this unique head you cut small bushes, twigs and thinner trees with a snap and fell bigger trees using the saw. The head also works perfectly as a traditional loading grapple. The XG220 is a combination of two of the most successful and tried out Mecanil products; Mecanil EG250 energy wood felling head and SG220 grapple saw. The head is very easy to install because of no need for any additional hydraulics. Mecanil XG220 A RC is equipped with the patented self-powered wireless control. Does not require any change of battery. The battery is charged when the grapple is in use.



FEATURES
Fast and easy to use – increases productivity
Stable both in felling and loading position
Full control over all functions – for example, make the cutting movement many times without opening the grapple.
Works perfectly as a traditional loading grapple
Easy to install
No additional hydraulic lines are needed – only pressure and tank
Completely stepless control – for example, stop the tilt half way if necessary
Can easily cut trees without harming trees nearby
Can cut a bigger bundle of smaller trees and bushes with one cut
Option: Self-powered wireless control (no change of battery required)

Control system alternatives
2 hydraulic lines (pressure – tank) and electrical wire
2 hydraulic lines (pressure – tank) and self-powered wireless control

Suitable base machines
Forwarders
Harvesters
Tractors
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
XG220 A *G2*	– 2 hydr. lines (pressure – tank). – Cable along the crane. – Separate control buttons that can be installed in joystick. – Incl. collecting unit.
XG220 A RC *G2*	– 2 hydr. lines (pressure – tank). – Self-powered wireless control with separate control buttons that can be installed in joystick. – Incl. collecting unit.
XG220 *G2*	– Ask for more information about XG220 without accumulation.

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Technical information

Model	XG220 A *G2*	XG220 A RC *G2*
Tilt function	Yes	Yes
Collecting unit	Yes	Yes
Grapple size	0,22 m2	0,22 m2
Weight	390 kg	460 kg
Rec. working pressure	180-230 bar	180-230 bar
Rec. oil flow rate	60 – 100 l/min.	60 – 100 l/min.
Opening of grapple	1200 mm	1200 mm
Attachment rotator	173/6	173/6
Hydraulics	2 lines (pressure/tank)	2 lines (pressure/tank)
Control	Cable control, 12V or 24V	Wireless control, self-powered
Cutting diameter, cutting-unit	max. 200 mm	max. 200 mm
Cutting diameter, saw (18″)	–> 450 mm	–> 450 mm

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