

221TCE TREE SHEAR

Tree shear with multi-tree handling for forest machines and forestry cranes over 6.5 metres for tractors.



SPECIFICATIONS

Weight: 205 kg
Cutting diameter: 220 mm
(hardwood such as oak, beech etc.
approx. 25 % less)

Recommended oil flow: 20-60 L / min
Recommended working pressure: 170-200 bar
Collector / Multi-tree handling: Yes

For forestry cranes over 6.5 metres (30–65 kNm)

Free-hanging connection to the rotator

FEATURES:

- Pressure booster increases cutting force
- Multi-tree handling improves productivity
- Strong and fast guillotine cutting
- Tree delimbing capability
- Also works great as a loading grapple
- Wireless electrical control for tilt
- Requires only the grapple open/close hydraulic hoses, just like a standard grapple
- No extra hydraulics or electrical cables required – easy to install
- No hoses or electrical cables limiting grapple rotation
- Made from HARDOX steel



THE 221 MODEL REPLACED THE PREVIOUS 220 MODEL IN 2025. The main differences and improvements are:

- Redesigned hydraulics allow faster movements
- Stronger blade frames allow the use of different blades and easier cutting
- Double-bearing blade frames reduce friction and surface pressure and increase bearing service life, as in the 300TCE model
- A limit valve ensures a stronger grip and prevents blade movement when loading full grapple loads
- Improved hose routing provides better protection than on the previous 220 model

221TCE – VERSATILE FEATURES MAKE THIS TREE SHEAR A POPULAR CHOICE AMONG PROFESSIONALS

The 221TCE is equipped with efficient multi-tree handling and tree delimbing capability. The tilt is operated by wireless electrical control. The strong and fast guillotine cuts trees up to a maximum diameter of 22 cm.

The wireless electrically controlled tilt allows trees to be felled accurately in the desired direction. It can also be used to lift felled stems and bundles of branches into an upright position, making it easier to move the material between standing trees and collect it into piles. Multi-tree handling can increase productivity by more than 50 % when harvesting small-diameter trees and energy wood. The 221TCE also works excellently as a loading grapple, just like a standard timber grapple.

The most common base machines for the 221TCE are: Medium-sized forest machines and forestry cranes over 6.5 metres mounted on forestry trailers or directly on tractors.

