



various mounting options  
for every standard excavator

synchronously closing, **powerful gripper**  
with large opening width  
Gripper throttle: The gripper opening speed  
is adjustable.

**multigrip-  
controller:**  
equipped as  
standard

**accumulator**  
as quick coupler QC

**premium pin bearing**

**middle section**  
features sophisticated/  
ergonomic geometry

**sturdy blade,**  
patented blade fastening

**cylinders**  
with end position damping



### KEY FACTS

- Suitable for every standard excavator, only 4 hydraulic connections needed (including all options).
- Proper and simple connection.
- Replaceable, high-strength blade, easy to sharpen, patented.
- Additional workload of the carrier vehicle due to the treeshear Woodcracker® C.
- Automatic lubrication system for Tiltator
- Supporting foot for safe storage and transport.
- Robust and proven technology – Low-wear and low-service.
- KTL-primed (cathodic dip-coating) and powder coating. Made of high-strength Hardox® steel.

### OPTIONS

- Autospeed:  
allows faster closing of the cutting mechanism in weak wood.
- Accumulator (C350 - C550 as quick coupler QC):  
Used to work fast in weak wood and to bunch material. Accumulator can be removed easily to reduce the machine's weight.
- 4 different mounting options.





# THE PROFESSIONAL AMONGST THE HARVESTER HEADS

## TECHNICAL DATA



PATENTED



WOODCRACKER® C	C 250	C 350	C 450	C 550
Cutting diameter soft wood (mm)	330	400	500	600
Cutting diameter hard wood (mm)	280	350	450	550
Gripper opening (mm)	930	1430	1600	1600
Shear opening (mm)	450	700	800	900
Weight (base – full equipment) <sup>1)</sup> (kg)	580 - 970	1150 - 1620	1760 - 2350	2000 - 2620
Recommended pump flow capacity <sup>1)</sup> (l/min.)	50 - 100	70 - 150	80 - 160	100 - 190
Recommended pump flow capacity auxiliary circuit <sup>1)</sup> (l/min.)	35 - 50	45 - 60	45 - 60	50 - 70
Recommended operating pressure main circuit (bar)	280	280	280	280
Service weight of carrier vehicle <sup>2)</sup> (t)	7 - 15	14 - 20	20 - 25	24 - 30
Multigrip	integrated	integrated	integrated	integrated
Optional: Autospeed	•	•	•	•
Optional: Cylinder swivel unit	• 2 x 48°	• 2 x 48°	• 2 x 48°	• 2 x 48°
Optional: Tiltator	•	•	•	•
Optional: Power-Tiltator	-	•	•	•
Optional: Automatic lubrication system for Tiltator	•	•	•	•
Optional: Accumulator	•	• QC	• QC	• QC

Technical data and illustrations are not binding. Subject to changes for reasons of further development.

<sup>1)</sup> Depending on operating mode or equipment. <sup>2)</sup> Depending on carrier vehicle's specifications. • available - not available

## APPLICATION AREAS

- Conventional harvest of trees and bushes.
- Harvest of short rotation plantations.
- In rough terrain, hill areas and bog areas.
- Maintenance along traffic roads and routes.
- Large-scale harvest of forest areas.
- Problematic and dangerous tree felling.
- Cultivation and landscape maintenance. Bunched and organized deposition due to accumulating function.
- In places, that require to remove the tree in an upright position (to protect the surrounding area).



optional: Accumulator (QC)



In marshland.



Tree care along traffic routes.



Network maintenance.



Infrastructure maintenance.





Maintenance work along traffic routes.



Woodcracker® C for traffic safety.

## MOUNTING OPTIONS

### 1. Rigid mounting

- using slewing drive of excavator



### 2. Optional: Cylinder swivel unit

- 2 x 48° swivelling
- low-maintenance

### 3. Optional: Tiltator

- continuously rotating (360°)
- Advantage, for using the gripper to sort lumber

### 4. Optional: Power-Tiltator

- During tree removal, the Power Tiltator provides more strength by the means of double torque at the same speed.

## Included Multigrip as standard feature:

- Hydraulic block inbetween gripper and cutting unit, which allows high pump capacity, and regulates the gripper's and the cutting unit's opening and closing.
- With inlet pressure relief valve: main pressure is ensured independently of the excavator.
- Safe grip: During depositing, the cutting mechanism opens first, followed by the gripper. During cutting, the gripper closes first, followed by the cutting unit.

## Mounting:

- Clear-cut, easy attachment design in the mounting bracket
- Optimum attachment angle
- Protected and generously dimensioned hydraulic hoses
- Hydraulic coupling point perfectly positioned
- Only four hydraulic couplings are required for all functions, including all options
- Attachment: Plug and play

## Cutting unit:

- Self-cleaning counter comb for the blade
- Replaceable, high-strength blade, easily resharpened
- Patented blade fastening
- Strong main bolt with special safety nut
- Blade fastened from underside (except C550) - wear protection for the swing arm



Multigrip controller



high cutting capacity