



WOOD CRACKER[®]



NEXT
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ENGLISH

WOOD CRACKER®

Product range

MADE IN AUSTRIA

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WOOD
CRACKER®

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WOODCRACKER® C
Cutting head



WOODCRACKER® CL+CB
Cutting head for bushes



WOODCRACKER® CS
Grapple saw



WOODCRACKER® L
Wood splitter



WOODCRACKER® W
Wood splitting tongs



WOODCRACKER® S
Root stock device



WOODCRACKER® R
Root stock clearing device



WOODCRACKER® G
Clearing rake



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Key Facts

- Various installation options to conventional carrier vehicles, e.g. excavators
- Additional use of the carrier vehicle to its fullest capacity
- Low-service and low-wear due to special cutting system
- Sturdy cutting mechanism, easily replaceable blade
- Easy-to-operate due to user-friendly controls
- Multigrip-controller and autospeed system for high efficiency and economic fuel consumption
- Collection function enables expanded harvest process
- Bundled, ordered storage of the harvested material
- Clean cutting surface
- Vertical removal of the tree - no damage to the trees and objects nearby
- Soil-protective harvest due to the use of an excavator



Technical Data WOODCRACKER® C

	C 250	C 350	C 450	C 550	
Cutting diameter soft wood	300	400	500	600	mm
Cutting diameter hard wood	280	350	450	550	mm
Gripper opening	930	1430	1600	1600	mm
Diameter of shears	450	700	800	900	mm
Weight (Base – Full equipment)	580 - 900	1100 - 1400	1600 - 2100	1800 - 2400	kg
Recommended pump flow capacity ¹⁾	50 - 100	70 - 150	80 - 160	100 - 190	l/min.
Recommended pump flow capacity for optional functions ¹⁾	35 - 50	45 - 60	45 - 60	50 - 70	l/min.
Recommended operating pressure	280	280	280	280	bar
Service weight carrier vehicle ²⁾	7 - 15	14 - 20	20 - 25	24 - 30	t
Multigrip	integrated	integrated	integrated	integrated	
Optional: Autospeed	•	•	•	•	
Optional: Cylinder swivel mechanism	• 2 x 48°	• 2 x 48°	• 2 x 48°	• 2 x 48°	
Optional: Tiltator	• endlessly rotatable	• endlessly rotatable	• endlessly rotatable	• endlessly rotatable	
Optional: Collector	•	•	•	•	

WOODCRACKER® C Sample applications from practice.



Woodcracker® C for fuelwood harvest at the edge of the forest.



In marshland.



Large-scale fuelwood harvest.



Problematic tree felling.



Clean cutting surface.

Application Areas

- Conventional harvest of trees and bushes
- Harvest of short rotation plantations
- In rough terrain, hill areas and in bog areas
- Maintenance along traffic roads and routes
- Large-scale harvest of forest areas
- Problematic tree felling
- Cultivation and landscape maintenance



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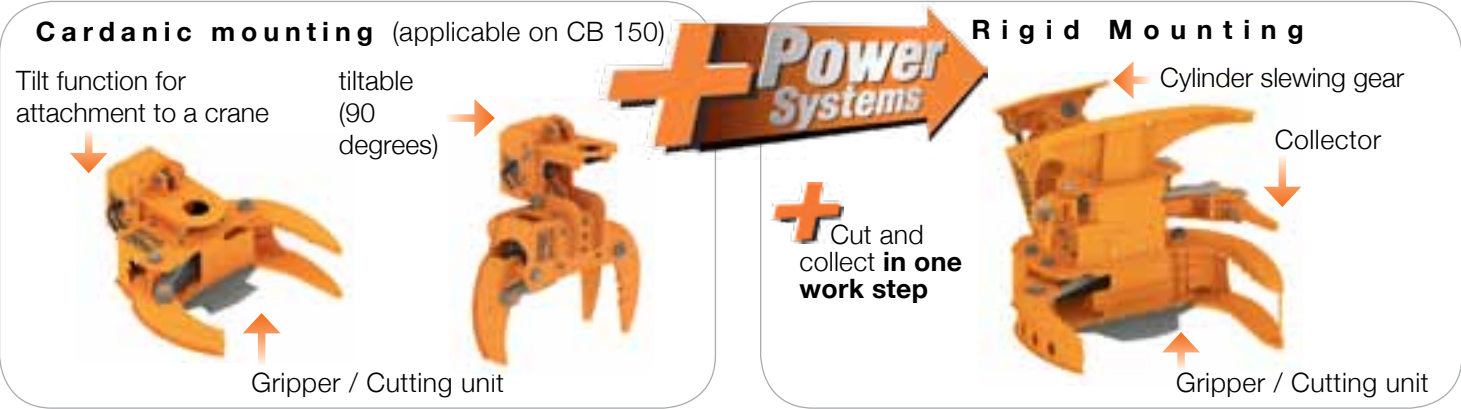


²⁾ Depending on specifications of the operation vehicle.

¹⁾ Depending on operating mode or equipment.

Technical modifications and figures are not binding. Subject to changes for reasons of further development.

The flexible cutting head for the harvest of bushes and small trees as well as for land clearing.



Key Facts

- Various installation options
- Low-service and low-wear due to special cutting system
- Light-weight
- Simultaneous harvest of several trees in one step using the collecting function saves time
- Air drying of the harvest product before chipping enhances the biomass quality
- Clean cutting surface enables the plant to sprout again
- Eco-friendly harvest maintaining soil fertility
- Cost-effective harvesting method
- Also applicable in mini-forests for easy forest maintenance



Technical Data WOODCRACKER® CB	CL 190 rigid	CB 150 cardanic	CB 150 rigid	CB 230 rigid	CB 300 rigid	
Cutting diameter soft wood	250	150	220	280	350	mm
Cutting diameter hard wood	190	120	170	230	300	mm
Gripper opening = Diameter of shears	685	800	800	1100	1280	mm
Weight (fully equipped)	210	310	300 - 560	600 - 730	900 - 1400	kg
Recommended pump flow capacity ¹⁾	40 - 80	30 - 60	40 - 80	60 - 120	80 - 150	l/min.
Recommended pump flow capacity for optional functions ¹⁾	—	—	35 - 50	40 - 60	40 - 60	l/min.
Recommended operating pressure	250	190	250	280	280	bar
Service weight of carrier vehicle ²⁾	2,5 - 7,5	attachment to a crane	4,5 - 9	7 - 15	14 - 22	t
Optional: Collector	—	—	•	•	•	
Optional: Automatic dropping	—	—	—	•	•	
Optional: Cylinder slewing gear	—	—	• 2 x 48°	• 2 x 48°	• 2 x 48°	
Optional: Tiltator	—	—	—	—	• endless rotatable	

¹⁾ Depending on operating mode or equipment. ²⁾ Depending on specifications of the operation vehicle.
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WOODCRACKER® CL 190



WOODCRACKER® CB 150



The fuelwood harvester Woodcracker® CL 190 or CB 150 was especially developed for the easy harvest of weak wood up to 15 cm in diameter. The main application area is the harvest of fuel crops or short rotation plantations.

WOODCRACKER® CB 230 und CB 300: Sample applications from practice.



The flexibel harvesting heads Woodcracker® CB 230 and CB 300 were designed for a fast harvest of small trees and bushes up to a diameter of 35 cm. The innovative automatic-dropping-system and the self-acting control systems enable a fast workflow.

Application Areas

- Fast harvest of small trees and bushes
- Harvest of short rotation plantations
- In rough terrain, hill areas and swamplands
- Maintenance work along traffic roads and routes
- Land clearing of forest areas
- Cultivation and landscape maintenance

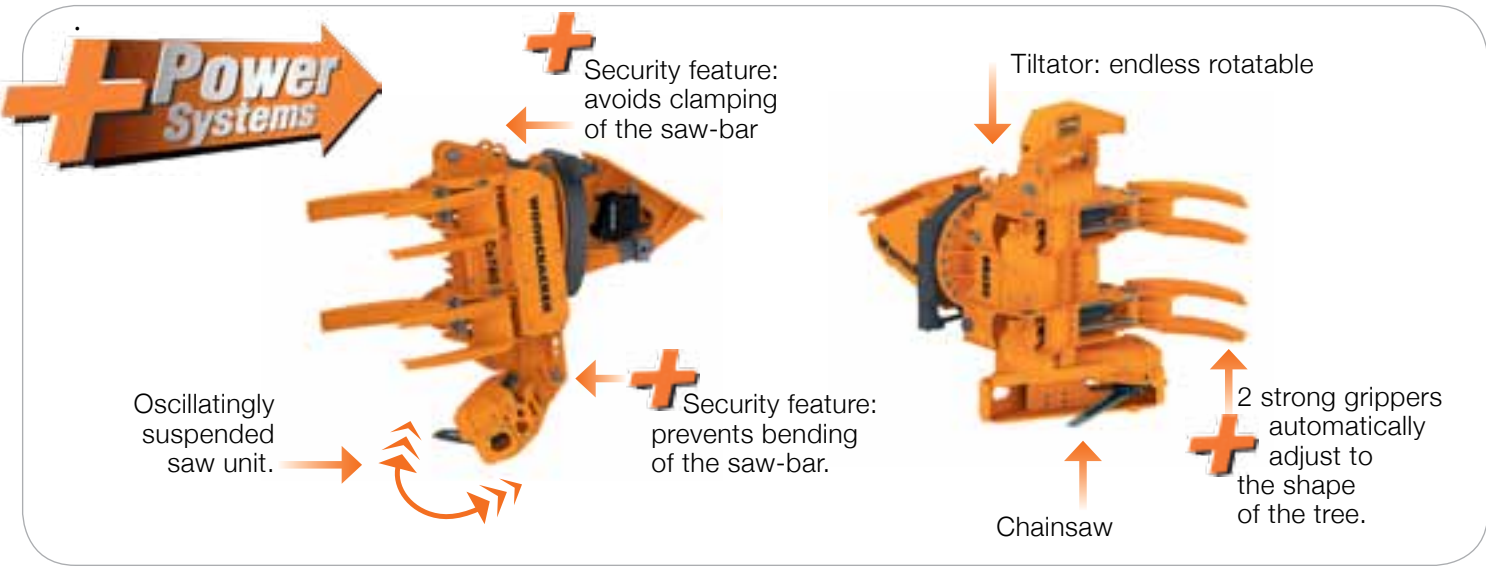


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WOODCRACKER® CS

The grapple saw with oscillatingly suspended saw unit for tree fellings due to safety reasons.



Key Facts

- Saw unit is oscillatingly suspended
- Tiltfunction avoids clamping of the saw when cutting
- Two strong and independent gripper parts for a safe manipulation of the wood
- Cutting diametre up to 75 cm
- Application area: felling due to safety reasons



The rigid mounting of the Woodcracker® CS to the excavator makes it possible to withdraw parts of the tree vertically from its setting. In this way, trees or objects nearby are not damaged - perfect for fellings due to safety reasons.

WOODCRACKER® CS Sample applications from practice.



Technical Data

WOODCRACKER® CS

	CS 580 smart	CS 580	CS 780	
Cutting diametre	580	580	750	mm
Gripper opening	1280	1430	1600	mm
Tiltator	endless rotatable	endless rotatable	endless rotatable	
Weight (fully equipped)	800 - 900	1400 - 1500	2000 - 2200	kg
Recommended pump flow capacity ¹⁾	50 - 80	110 - 150	140 - 170	l/min.
Recommended pump flow for optional functions ¹⁾	-	50 - 70	50 - 70	l/min.
Recommended operating pressure	200 - 280	280	280	bar
Service weight of carrier vehicle ²⁾	10 - 20	14 - 22	20 - 28	t
Tilt function for cutting process	-	automatically	automatically	
Saw unit	active suspended	active suspended	active suspended	
Chain lubrication of saw	grease	grease	grease	
Option Power Tiltator	-	•	•	

¹⁾ Depending on operating mode or equipment. ²⁾ Depending on specifications of the operation vehicle.
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Application Areas

- Harvest of very strong wood
- Safe removal of trees in segments
- Harvest of tree trunks
- In rough terrain, hill areas and swamplands
- Maintenance work along traffic roads and routes
- Tree felling due to safety reasons



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WOODCRACKER® L

The compact wood splitter to split thick trunks.



Key Facts

- Versatile mounting possibilities to carrier vehicles mainly semi-stational on forwarders, wood cranes or chipping machines
- Optimal cost/benefit ratio
- Easy integration into existing harvest processes
- Sturdy and proven technology – low-service and low-wear
- Minimal effort, even with the thickest root trunks
- Flat design for any possible machine application



Woodcracker L: the quick and flexible wood splitter with an excellent cost/benefit ratio.

WOODCRACKER® L Sample applications from practice.



Woodcracker® L for splitting thick trunks.



Woodcracker® L – efficient and versatile.

Technical Data **WOODCRACKER® L**

	L 540	L 700	L 920	L 1200	
Tongs opening	540	700	900	1200	mm
Splitting force (depending on operating pressure)	up to 14	up to 22	up to 22	up to 33	t
Weight (Basic model)	195	285	370	1100	kg
Recommended pump flow capacity	approx. 25 - 60	approx. 25 - 60	approx. 25 - 60	approx. 80 - 150	l /min.
Recommended operating pressure	180 - 240	180 - 240	180 - 240	220 - 270	bar
Optional: Standing fixture	•	•	•	•	
Optional: Excavator attachment	•	•	•	–	
Optional: Farm loader attachment	•	–	–	–	

• Available – not available

Optional:
WOODCRACKER® L
with standing fixture



- Easy transport of the Woodcracker® on the carrier vehicle.
- Offloading on the application area is possible with a forwarding crane.



Woodcracker® L is stabilized by hydraulic support of the carrier vehicle.

Application Areas

- Splitting thick wood trunks
- Can be used in all harvest and processing methods of strong wood
- Pre-splitting wood for further processing of split logs or chipped wood material
- Easy supply of the pre-split material to chippers
- Pre-splitting wood allows a natural drying process

Technical modifications and figures are not binding. Subject to changes for reasons of further development.

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WOODCRACKER® W

The wood splitting tongs to split thick trunks.



Key Facts

- Versatile mounting possibilities from the tractor to the excavator
- Sturdy, proven technology - low-service and low-wear
- Available in 5 machine sizes
- Endless turning rotator available as optional equipment
- Autospeed allows for a higher split capacity
- The rotator makes the splitting tongs flexible in application
- Patented roller system reduces the friction resistance and thereby minimizes the force exerted
- The opening width does not determine the splittable diameter but only the largest end piece
- Easy supply of the pre-split material in chippers
- Pre-splitting wood allows a natural drying process and as a result an increase in biomass quality and energy yield



Woodcracker® W:
the premium wood splitting tongs
with the patented roller system,
available in 5 machine sizes

WOODCRACKER® W Sample applications from practice.



Woodcracker® W for splitting thick trunks.



Woodcracker® W – quick and flexible.



• Available – not available

Technical Data

WOODCRACKER® W

	W 600	W 820	W 1000	W 1350	W 1800	
Tongs opening	620	820	1040	1370	1830	mm
Splitting force at 240 bar	26	26	26	34	50 *	t
Weight (Basic model)	295	360	580	950	1750	kg
Recommended pump flow capacity	25 - 60	25 - 60	40 - 80	80 - 150	100 - 190	l/min.
Recommended operating pressure	190 - 250	190 - 250	190 - 250	220 - 270	240 - 300	bar
Service weight carrier vehicle	6	10	14	20	30	max. t
Optional: Autospeed valve	•	•	•	–	–	
Optional: Rotator	•	•	•	•	•	

* At 320 bar working pressure

Technical modifications and figures are not binding. Subject to changes for reasons of further development.

Application Areas

- Splitting thick wood trunks with minimal effort
- Can be used in all harvest and processing methods of strong wood
- Pre-splitting of wood allows a natural drying process
- Splitting tongs can be used as a gripper



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Key Facts

- Easily mountable to all conventional carrier vehicles
- Non-hazardous method compared with milling
- Root material is left flush to the ground maintaining natural growth cycles
- Securing the soil by preserving the root material
- Eco-friendly and soil-conserving work method
- Low-wear and low-service
- Additional biomass mobilisation through the harvest of residual trunk wood



Technical Data

WOODCRACKER® S

	S 200	S 400	
Tongs opening	410	600	mm
Cutting width	240	480	mm
Weight (Basic model)	160	730	kg
Recommended pump flow capacity	ca. 25 - 60	60 - 120	l/min
Recommended operating pressure	180 - 240	240 - 270	bar
Service weight carrier vehicle	1,5 - 6	max. 18	t

Technical modifications and figures are not binding. Subject to changes for reasons of further development.

WOODCRACKER® S Sample applications from practice.



Woodcracker® S – work method gentle to the soil.



Root stock material for additional biomass.



Application Areas

- Clean cutting of root stock flush to the ground
- Further processing and chipping of the root stock
- Additional biomass mobilisation through the harvest of residual trunk wood
- Usage in loose, sandy and erosion-prone soils



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Key Facts

- Mountable to all conventional carrier vehicles
- Removal and chipping of the root stock in one step
- Rough separation into root material and soil residue directly during the harvest
- Chipping possible directly after the harvest in the shredder
- Gentle removal of the root stock from the soil without any damage
- Sturdy cutting mechanism, low-service and low-wear
- Through additional biomass mobilisation, another source of revenue is generated for the forestry business

WOODCRACKER® R Sample applications from practice.



Technical Data **WOODCRACKER® R**

	R 900	R 1300	
Opening width	955	1300	mm
Cutting force (depending on operating pressure)	up to 45	up to 65	t
Weight	1200	2000	kg
Recommended pump flow capacity	100 - 190	120 - 250	l/min.
Recommended operating pressure	240 - 280	250 - 310	bar
Service weight carrier vehicle	25	30	max. t

Technical modifications and figures are not binding. Subject to changes for reasons of further development.



Woodcracker® R – gentle removal of the root stock and immediate chipping creates valuable biomass.

Application Areas

- Removal of the entire root stock from the ground
- Chipping the root stock for further processing by using a shredder
- Reduction of the transport volume through pre-chipping
- Large-scale recultivation measures
- Cleaning the ground to let the plant inventory regrow



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Key Facts

- Mountable to all conventional carrier vehicles
- Adaptation of the rake width to individual requirements
- Large-scale clearance possible
- Gripping fingers can also be used as a gripper
- Stable, low-wear model
- Quick processing of large-sized, accumulated material due to large opening width of the gripper

WOODCRACKER® G Sample applications from practice.



• Available – not available



Option: **WOODCRACKER® G**

- Finescreen
- Easy installation on Woodcracker G
- Precise extensive floor cleaning



Woodcracker® G during ground cleaning and when used as a gripper.

Technische Daten

WOODCRACKER® G	G 850	G 1250	G 1650	
Work width	850	1250	1650	mm
Weight (Basic model)	560	1420	1610	kg
Recommended pump flow capacity ¹⁾	40 - 60	60 - 80	60 - 80	l/min
Recommended operating pressure	200	200	200	bar
Service weight carrier vehicle ²⁾	7,5 - 15	15 - 22	20 - 25	t
Optional: Gripper fingers	•	•	•	
Optional: Finescreen	–	•	•	

¹⁾ Depending on operating mode or equipment. ²⁾ Depending on specifications of the operation vehicle.
Technical modifications and figures are not binding. Subject to changes for reasons of further development.

Application Areas

- Cleaning and caring for large areas
- Collecting tree cuts and root materials
- Landscape maintenance
- Clearing small root stocks
- Supporting follow-up machines (transport and chipping)
- Manipulation of the harvest product



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WOOD CRACKER®

Biomass Logistics

Harvest > Storage > Transport > Chipping > Recycling

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Woodcracker® C, CL, CB and CS harvest trees and bushes in diameter up to 75 cm.

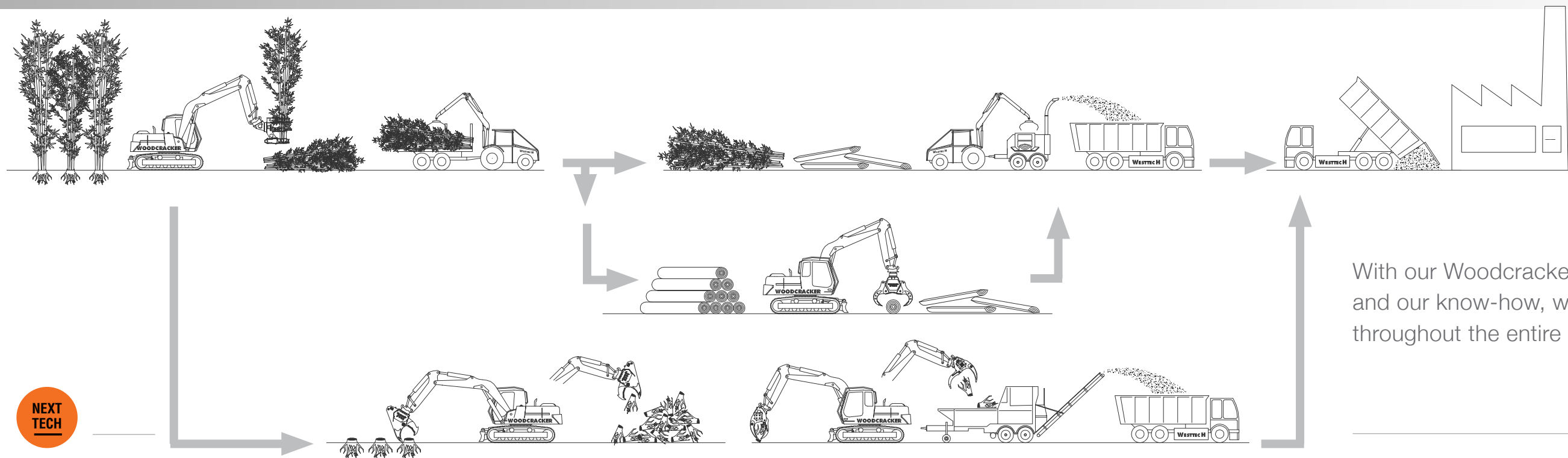
Woodcracker® L and W split thick trunks for further processing.

Woodcracker® S cuts the tree trunks flush to the ground.

Woodcracker® R removes the entire root stock from the soil and prepares the harvest material.

Woodcracker® G collects material from the forest floor.

Chipping the harvest material creates valuable biomass for energy use.



With our Woodcracker® product range and our know-how, we provide support to you throughout the entire biomass logistics chain.

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Working
efficiently.
Worldwide.

Worldwide, pros trust in the efficient
forestry machines of Woodcracker®:

- Farmers and rangers
- Contractors for-hire
- Excavator and construction companies
- Large land owners
- Road and railway network maintenance companies
- Power utility operators
- River engineering offices
- Building departments



Woodcracker® worldwide



WOOD CRACKER®

next tech in the
production world
of Westtech.

Welcome to the world of Woodcracker®!

Woodcracker® now means much more than the production of sturdy forestry machines.

Individual customer service is our primary factor of success. Every Woodcracker® product range is developed by the experienced Westtech team of engineers, always in close collaboration with you - our customers. It is our goal to continuously optimise the product range according to customer requirements and the application areas.

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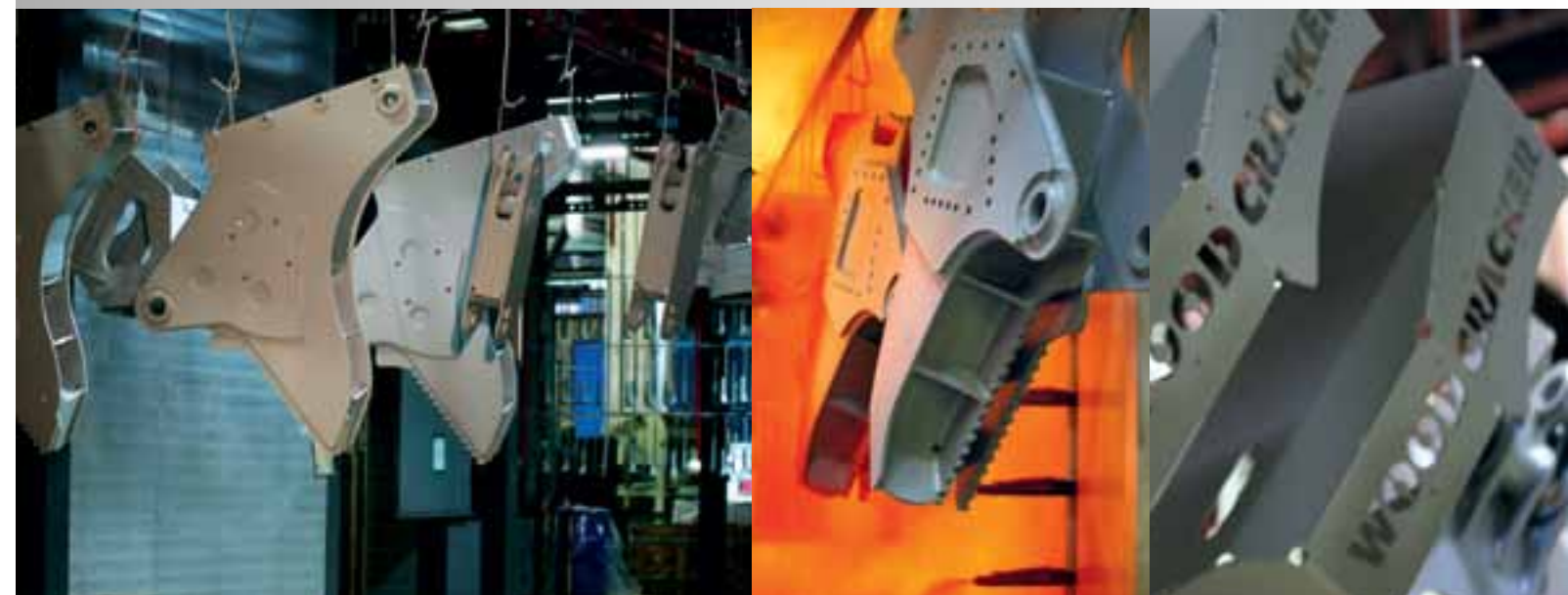
Woodcracker® – an Austrian quality product. Development and production from one source guarantee the highest quality standards and the associated long service life of the products.

Woodcracker® – NEXT TECH

Become familiar with the reliability of Woodcracker products! Woodcracker products set themselves apart through innovative technology – always a step ahead.



Perfection from one single source:
Our know-how – from construction to the finished Woodcracker®.



Cutting-edge coating technology guarantees the highest quality standard:
Using the 6-stage cathodic dunking priming and powder coating method, a very sturdy surface structure is guaranteed which is only to be found in the automobile industry.

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WOOD CRACKER®

Westtech Services



Customer Reviews

When it comes to bioenergy, **Grünland GmbH from Hermsdorf, Thuringia in Germany**, relies on Westtech products for quite some time.

"The tongs of the Woodcracker® C-series convinced us with their reliability and their various applications. We use them for the harvest of fuelwood as well as for pruning in the course of road maintenance. In this application area, the Woodcracker® C 450 features fast working speed combined with high safety."

Woodcracker forest technology put to the test

Energy farmer Heiko Meyer from Namibia, Africa, got the Woodcracker® technology for his farm. The cutting head Woodcracker® C then was put to the test: the challenge was to harvest a widespread area of bush, a very dry and hard type of wood. Heiko Meyer about his result, "The harvest by Woodcracker totally worked out.

The machine is compact, stable and easy to use, thereby we could deploy our local staff for the harvest. Due to this accomplishment, we will definitely put further Woodcrackers into operation!"

Excavator and forestry service provider Martin Gotsmi coming from Marbach, Lower Austria, provides also forestry services besides conventional earthworks services.

He offers individual services for timber harvest and logging operations, "The business segment evolved positively to the forestry sector. Currently our main activity focuses on forestry services, which ensures a high workload of our machines in winter," says Gotsmi. The cutting head Woodcracker® C 250 uses the existing excavator fleet as carrier vehicle and is used for general forest thinning and for pruning and maintenance work along roadsides, site boundaries and riverbeds. "Due to the Woodcracker, we can offer our clients customized solutions. The tree shear services serve a niche market that gives our company a unique positioning. Therefore we are setting us apart from the competition," adds Gotsmi.

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Learn more from Westtech:





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