



WOOD

CRACKER[®]

next tech

WESTTECH

WOOD CRACKER®

Product range

MADE IN AUSTRIA



WOODCRACKER[®] C

The efficient cutting head for harvesting trees and bushes.



WOODCRACKER[®] L

The compact wood splitter to split thick trunks.



WOODCRACKER[®] W

The wood splitting tongs to split thick trunks.



WOODCRACKER[®] S

The root stock device for ground-flush cutting and preparation of root stocks.



WOODCRACKER[®] R

The root stock clearing device for harvest and preparation of biomass from root stocks.



WOODCRACKER[®] G

The clearing rake to prepare tree cuts and root materials on the forest floor.

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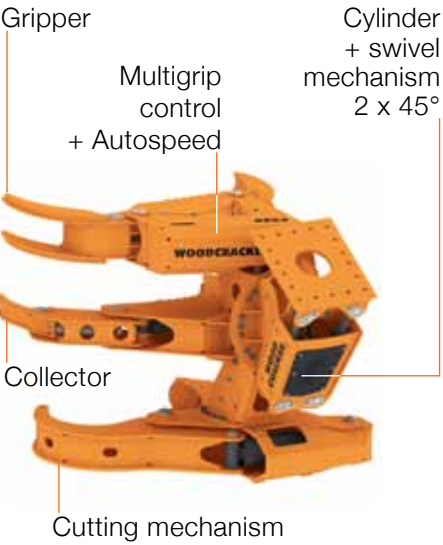
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INNOVATIVE TECHNOLOGY – A STEP AHEAD

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WOODCRACKER® C

- Optional
- Cylinder swivel mechanism or tiltator
 - With or without collector



Key Facts

- Individual mounting 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 for high harvest capacity and economic fuel consumption
- Expanded harvest process with the collection function possible
- Bundled, ordered storage of the harvested material
- Clean cutting surface
- Standing removal of the harvest product – no damage to the environment
- Harvest which is gentle to the ground due to the use of an excavator

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INNOVATIVE TECHNOLOGY – A STEP AHEAD



Technical Data WOODCRACKER® C

	C 150 cardanic	C 150 rigid	C 250	C 350	C 450	C 550	
Cutting diameter	150	170	250	350	450	550	mm
Gripper opening	800	800	930	1430	1600	1600	mm
Diameter of shears	800	800	450	700	800	900	mm
Weight (Base – Full equipment)	310	300-560	580-900	1100-1400	1400-1800	1800-2400	kg
Recommended litre capacity ¹⁾	30-60	40-80	50-100	70-150	80-160	100-190	l/min.
Recommended litre capacity (optional functions) ¹⁾	–	35-50	35-50	45-60	45-60	50-70	l/min.
Recommended operating pressure	190	220	260	280	280	300	bar
Service weight carrier vehicle ²⁾	–	4,5-9	7-15	14-20	20-25	24-30	t
Optional: Multigrip	–	–	•	•	•	•	
Optional: Autospeed	–	–	•	•	•	•	
Optional: Cylinder swivel mechanism	–	• 2 x 48°	• 2 x 48°	• 2 x 48°	• 2 x 48°	• 2 x 45°	
Optional: Tiltator	–	–	• 2 x 120°	• 2 x 120°	–	–	
(Available in 2 models)	–	–	• endlessly rotatable	• endlessly rotatable	• endlessly rotatable	• endlessly rotatable	
Optional: Collector	–	•	•	•	•	•	

• Integrated – Not integrated

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

The efficient cutting head for harvesting trees and bushes.

WOODCRACKER® C Sample applications from practice.



Woodcracker C for fuel crops harvest at the edge of the forest.



In marshland.



Large-scale fuel crops harvest.



Problematic tree felling.



Clean cutting surface.

Application Areas

- Conventional harvest of trees and bushes
- Harvest of short rotation plantations
- On terrains, 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

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

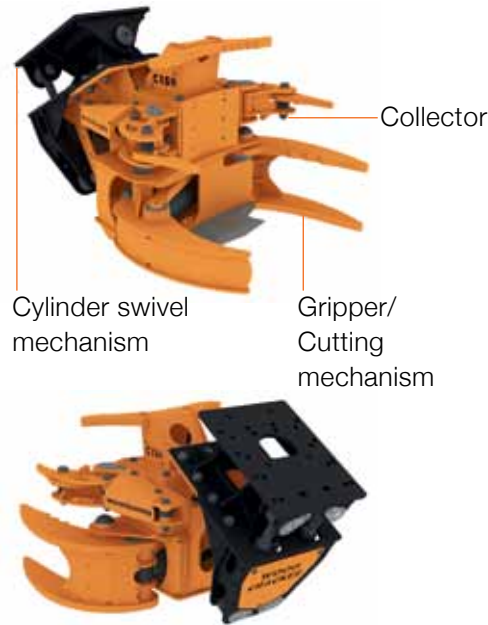
WOODCRACKER® C 150

Cardanic mounting tippable (90 degrees)

Tipping function



Rigid mounting



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INNOVATIVE TECHNOLOGY – A STEP AHEAD



The fuel crops harvester Woodcracker® C150 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.

Key Facts

- Individual mounting versions
- Low-service and low-wear due to special cutting system
- Light-weight
- The simultaneous harvest of several trees in one step using the collecting function saves time
- Air drying of the harvest product before chipping, thereby allowing the production of high-quality biomass
- Clean cutting surface making it possible for the plant to sprout
- Eco-friendly harvest maintaining soil fertility
- Cost-effective harvesting method
- Can be used in mini-forests for easy forest maintenance

The cutting head to harvest soft wood and fuel crops.

WOODCRACKER® C150: Sample applications from practice.



Woodcracker C 150: **Cardanic mounting** (e.g. to a forest crane)



Woodcracker C 150: **Rigid mounting** (e.g. on an excavator)

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WOODCRACKER® L



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.

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INNOVATIVE TECHNOLOGY – A STEP AHEAD



• Integrated – Not integrated

Technical Data WOODCRACKER® L

	L 540	L 700	L 920	
Tongs opening	540	700	900	mm
Splitting force (depending on operating pressure)	to 14	to 22	to 22	t
Weight (Basic model)	195	285	370	kg
Recommended litre capacity	approx. 25 - 60	approx. 25 - 60	approx. 25 - 60	l /min.
Recommended operating pressure	180 - 240	180 - 240	180 - 240	bar
Optional: Standing fixture	•	•	•	

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



Optional: WOODCRACKER® L with standing fixture

- Easy to transport the Woodcracker on the carrier vehicle.
- Offloading on the application area is possible with a forwarding crane.
- Woodcracker L is stabilized by the carrier vehicle.

The compact wood splitter to split thick trunks.

WOODCRACKER® L Sample applications from practice.



Woodcracker L for splitting thick trunks.



Woodcracker L – efficient and versatile.

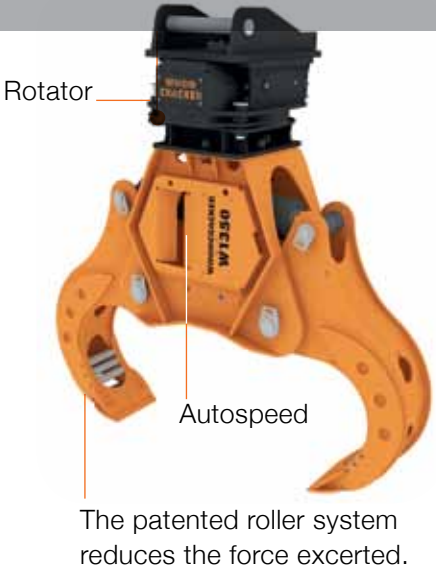


Application Areas

- 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 in chippers
- Pre-splitting wood allows a natural drying process

WOODCRACKER® W

Optional: Rotator and Autospeed



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 minimises 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.

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INNOVATIVE TECHNOLOGY – A STEP AHEAD



• Integrated – Not integrated

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 litre 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.

The wood splitting tongs to split thick trunks.

WOODCRACKER® W Sample applications from practice.



Woodcracker W for splitting thick trunks.



Woodcracker W – quick and flexible.

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

WOODCRACKER® S

The wood stock device for ground-flush cutting and preparation of root stocks.

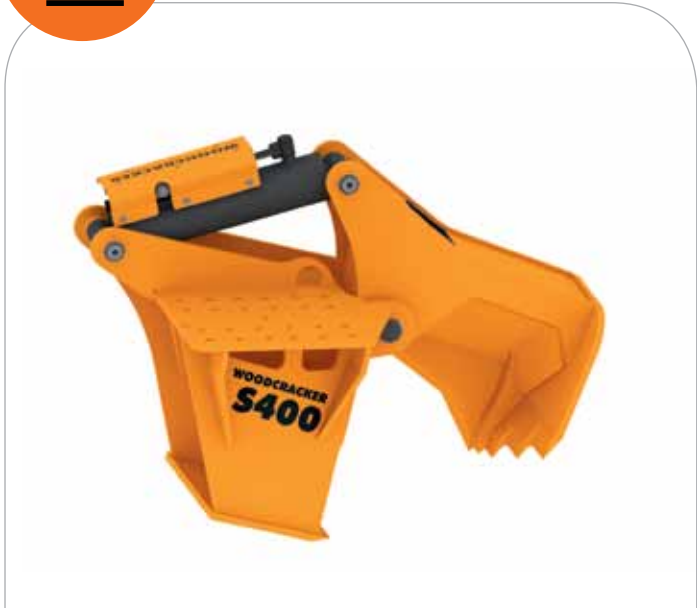


Key Facts

- Can be easily mounted 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 work method
- Low wear and service
- Additional biomass mobilisation through the harvest of residual trunk wood

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INNOVATIVE TECHNOLOGY – A STEP AHEAD



Technical Data WOODCRACKER S400

Tongs opening	600	mm
Cutting width	480	mm
Weight (Basic model)	730	kg
Recommended litre capacity	60-120	l/min
Recommended operating pressure	240-270	bar
Service weight carrier vehicle	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 soils subject to erosion



WOODCRACKER® R

The root stock clearing device for harvest and preparation of biomass from root stocks.



Key Facts

- Can be mounted 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

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INNOVATIVE TECHNOLOGY – A STEP AHEAD



Technical Data WOODCRACKER® R

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

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



WOODCRACKER® R Sample applications from practice.



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

WOODCRACKER® G

The clearing rake to prepare tree cuts and materials on the forest floor.



Key Facts

- Can be mounted 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

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INNOVATIVE TECHNOLOGY – A STEP AHEAD



Technical Data WOODCRACKER® G

	G 850	G 1250	G 1650	
Work width	850	1250	1650	mm
Weight	560	1420	1610	kg
Recommended litre capacity	40-60	60-80	60-80	l/min
Recommended operating pressure	200	200	200	bar
Service weight carrier vehicle (depending on the equipment of the carrier vehicle)	7,5-15	15-22	20-25	t

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

WOODCRACKER® G Sample applications from practice.



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

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

WOOD CRACKER®

Biomass Logistics

Harvest > Storage > Transport > Chipping > Recycling

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Woodcracker® C harvests trees and bushes in diameter between 15 to 55 cm.

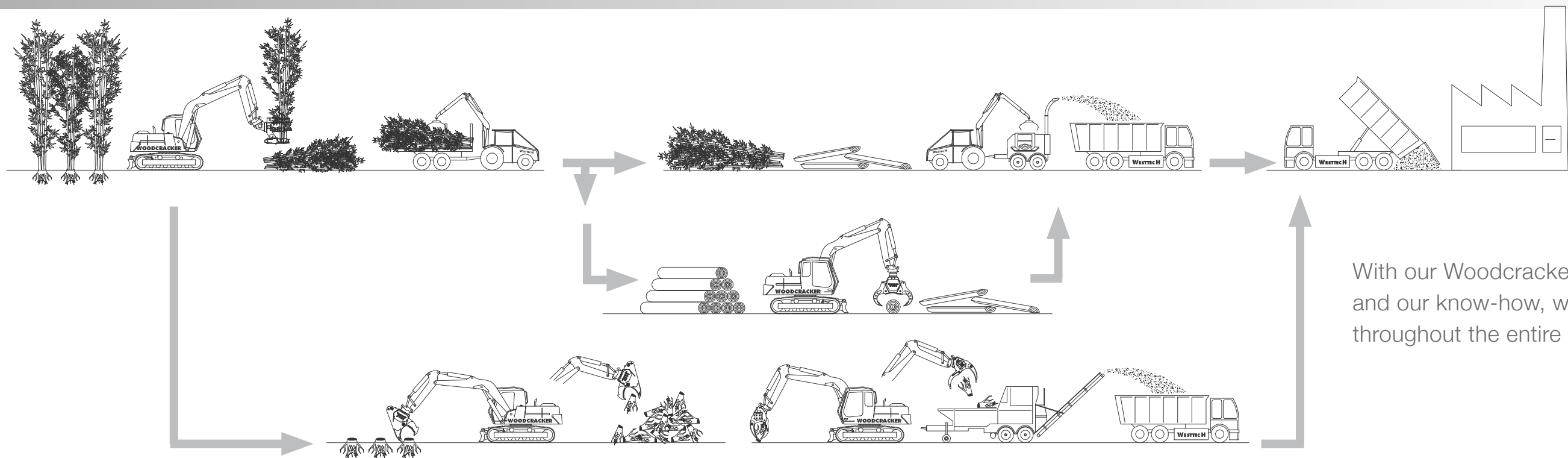
Woodcracker® L and W split thick trunks for further processing.

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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MADE IN AUSTRIA

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



Woodcracker worldwide

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INNOVATIVE TECHNOLOGY – A STEP AHEAD

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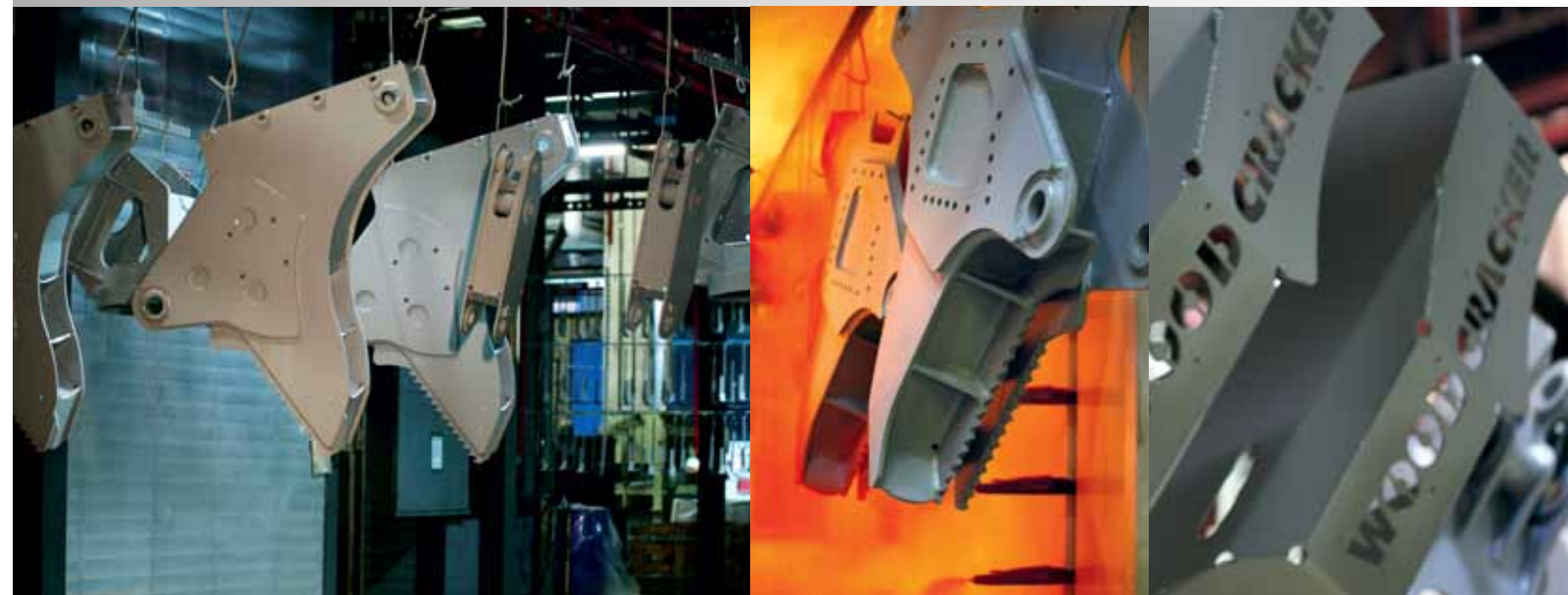
Woodcracker® – an Austrian quality product. Development and production from one source guarantee the highest quality standards and the associated long service life of the products.

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.



INNOVATIVE TECHNOLOGY – A STEP AHEAD

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