

WOODCRACKER®

Forest technology & landscape maintenance



WESTTECH



WELCOME TO THE WORLD OF WESTTECH!

Our vision

We do more than developing and manufacturing robust forestry and landscaping equipment.

Individual customer service is our primary factor of success.
 Every 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.

Our philosophy



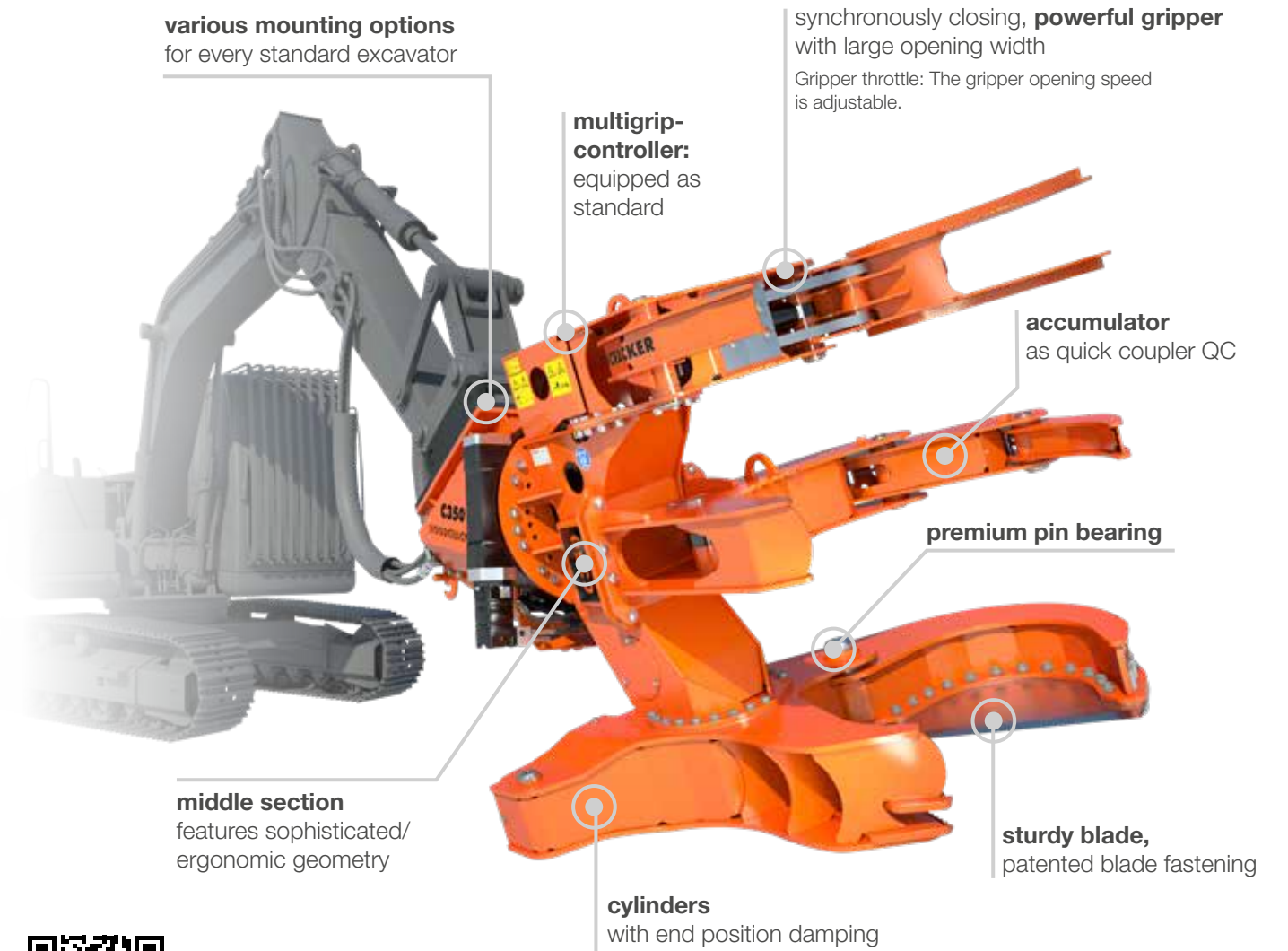
Austrian quality products by Westtech.
 Development and production from one source guarantee the highest quality standards and the associated long service life of the products.



Become familiar with the reliability of Woodcracker®, Mowblower®, Mulcher and many more!
 Westtech products set themselves apart through innovative technology.
 For us, NEXT TECH means, to be a step ahead.

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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



In marshland.



Tree care along traffic routes.

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) ¹⁾ (kg)	580 - 970	1150 - 1620	1760 - 2350	2000 - 2620
Recommended pump flow capacity ¹⁾ (l/min.)	50 - 100	70 - 150	80 - 160	100 - 190
Recommended pump flow capacity auxiliary circuit ¹⁾ (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 ²⁾ (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.

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)



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:

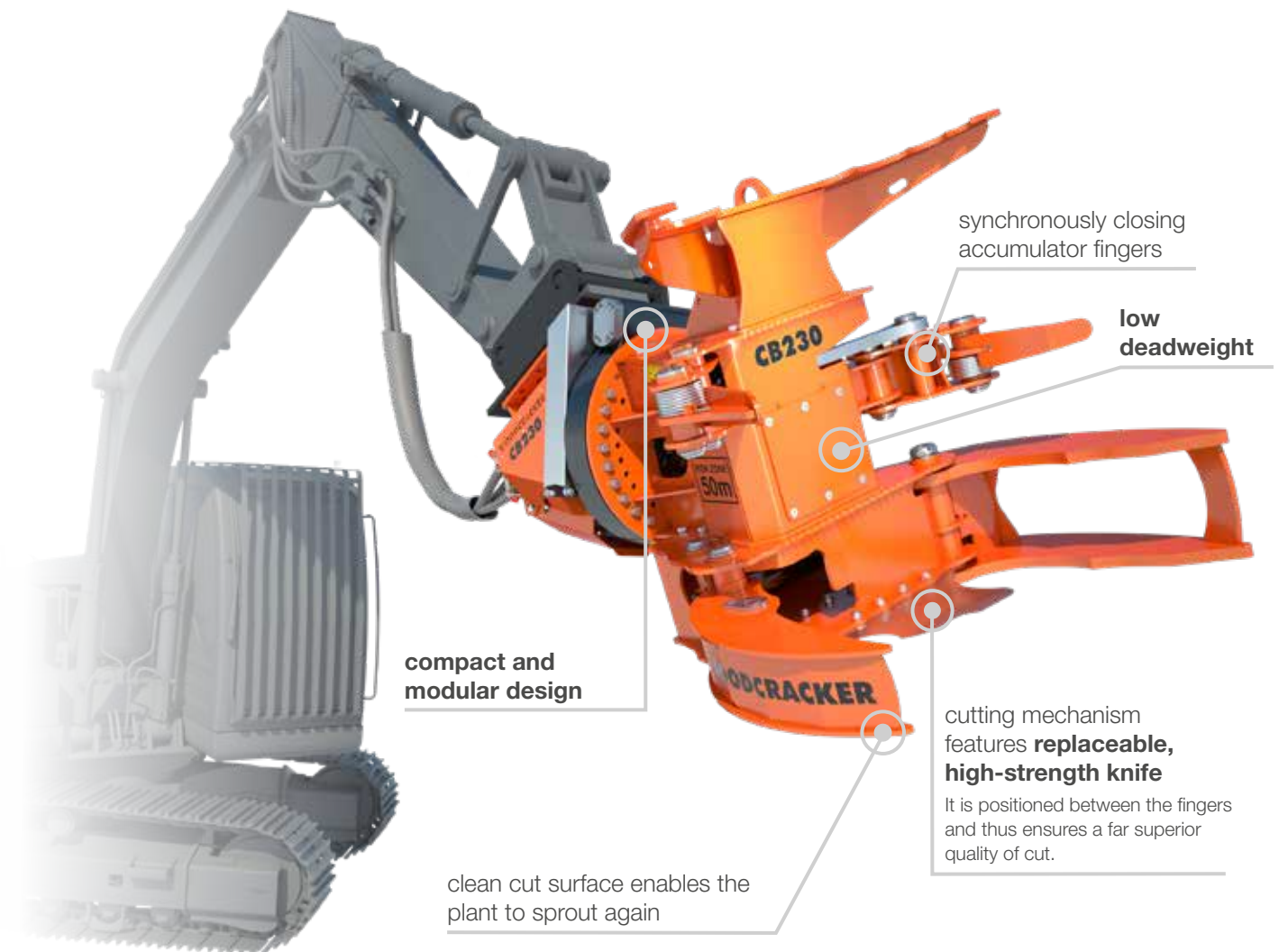
- Self-cleaning counter comb for the blade
- Replaceable, high-strength blade, easily resharpened
- Patented blade fastening
- Strong main bolt with special safety nut
- Blade fastened from underside (except C550) - wear protection for the swing arm



Multigrip controller



high cutting capacity



KEY FACTS

- Various mounting options (eg. excavator, farm loader, crane).
- Simultaneous harvest of several trees and bushes in one step using the accumulator saves time.
- Clean cut surface enables the plant to sprout again.
- Large gripper opening of the cutting mechanism.
- Also applicable in mini-forests for easy maintenance.
- Low-service and low-wear due to special cutting system.
- KTL-primed (cathodic dip-coating) and powder coating. Made of high-strength Hardox® steel.

OPTIONS

- 3 different mounting options.

Caution: Woodcracker® CB is not suitable for dangerous tree felling. Secure hold of cut material can not be guaranteed. In this case we recommend our Woodcracker® C- or CS series.



THE FLEXIBLE CUTTING HEAD

TECHNICAL DATA



PATENTED

WOODCRACKER® CB	CB 150 gimbal mount	CB 150	CB 230	CB 300
Cutting diameter soft wood (mm)	150	220	280	350
Cutting diameter hard wood (mm)	120	170	230	300
Gripper opening = diameter of shears (mm)	800	800	1100	1280
Weight (base – full equipment) (kg)	310	300 - 560	470 - 950	900 - 1400
Recommended pump flow capacity main circuit ¹⁾ (l/min.)	30 - 60	40 - 80	60 - 120	80 - 150
Recommended pump flow capacity auxiliary ¹⁾ (l/min.)	-	35 - 50	40 - 60	40 - 60
Recommended operating pressure main circuit (bar)	190	250	280	280
Service weight of carrier vehicle ²⁾ (t)	attachment to crane	4,5 - 9	7 - 15	14 - 22
Optional: Cylinder swivel unit	-	• 2 x 48°	• 2 x 48°	• 2 x 48°
Optional: Tiltator	-	-	•	•
Optional: Accumulator	-	•	•	•

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APPLICATION AREAS

- Fast harvesting of small trees and brush.
- Felling of short-rotation plantations.
- In open terrain, on slopes, in marshy areas.
- Cultivation and landscaping.
- Maintenance work along traffic routes and thoroughfares.
- Extensive harvesting of forested areas.



Woodcracker® CB150 gimbal mounted



Suitable for forest crane attachment.



Harvest of short rotation coppice.

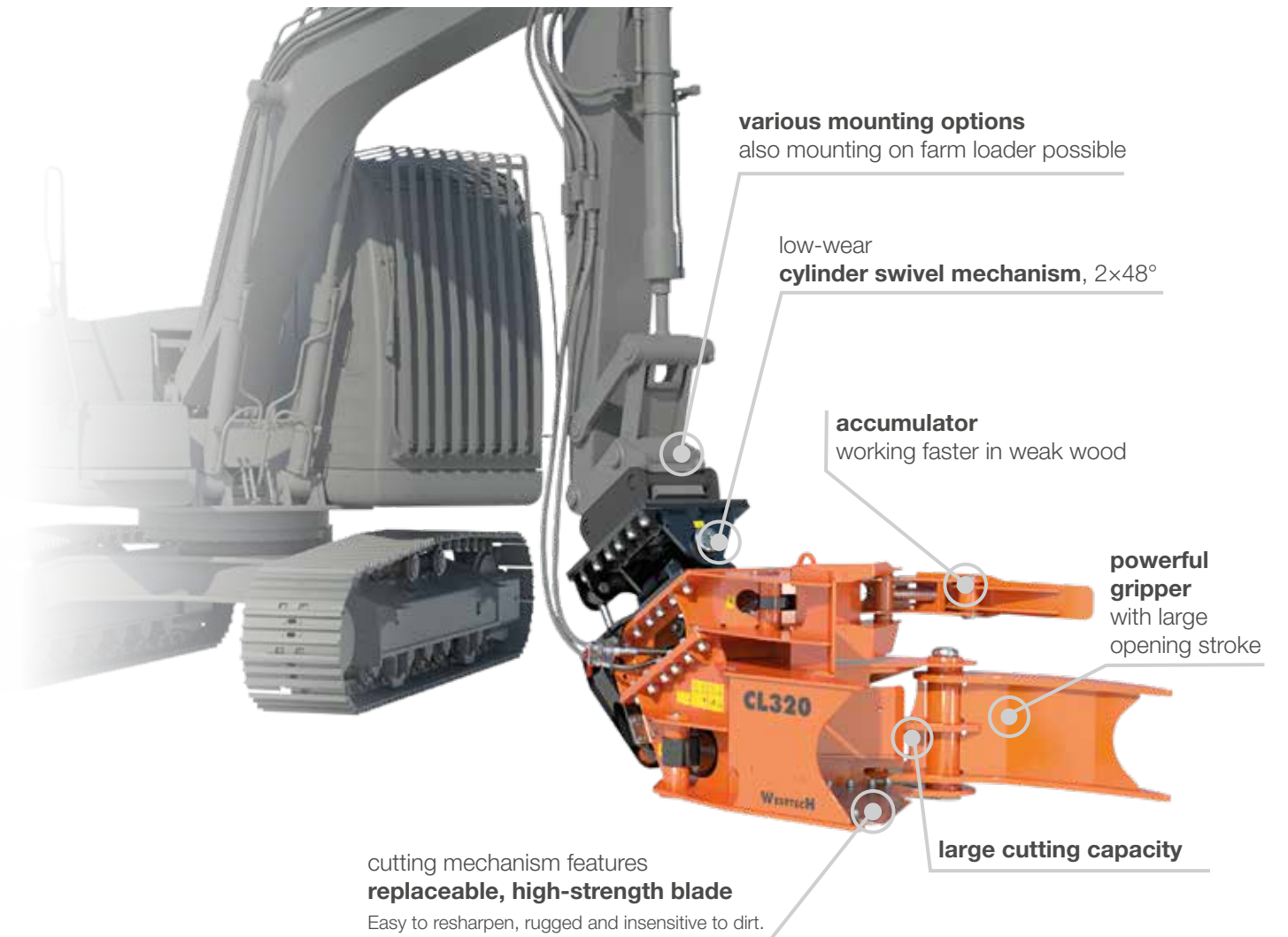


Optional with accumulator.



Fast harvest of small trees and bushes.

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



KEY FACTS

- Various mounting options (eg. excavator, farm loader).
- Due to low net weight, mountable to farm loaders, telehandlers or wheel loaders.
- Proper and simple connection at the headstock with ideal mounting angle.
- Protected and generously sized hydraulic piping.
- Robust and proven technology – Low-wear and low-service.
- KTL-primed (cathodic dip-coating) and powder coating. Made of high-strength Hardox® steel.

The Woodcracker® CL is also attachable to farm loaders.

The fast and agile Woodcracker® CL cutting head is a reliable companion, and not only in agricultural applications. Professional gardeners, forest managers, but also communal organisations already have the Woodcracker® CL in permanent use. Thanks to flexible and easy mounting to common vehicles, small trees and brush up to 40cm trunk diameter can be mechanically harvested with ease.

Caution: Woodcracker® CL is not suitable for dangerous tree felling. Secure grip of cut material can not be guaranteed. In this case we recommend our Woodcracker® C- or CS series.





THE SWIFT AND LIGHT-WEIGHTED CUTTING HEAD

TECHNICAL DATA



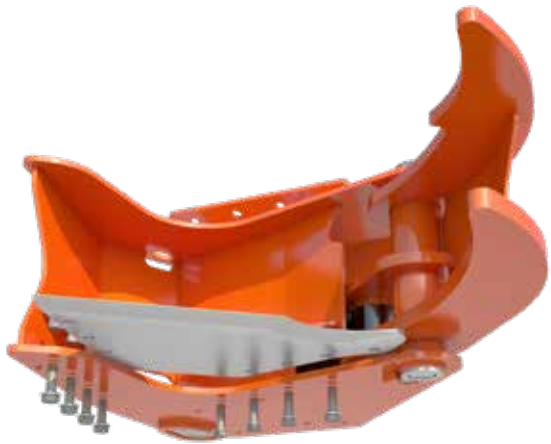
WOODCRACKER® CL	CL 190	CL 260	CL 320
Cutting diameter soft wood (mm)	250	320	400
Cutting diameter hard wood (mm)	190	260	320
Gripper opening = diameter of shears (mm)	685	760	1060
Weight (base – full equipment) (kg)	210 - 400	360 - 680	620 - 1170
Recommended pump flow capacity main circuit ¹⁾ (l/min.)	40 - 80	50 - 100	70 - 150
Recommended pump flow capacity auxiliary circuit ¹⁾ (l/min.)	20 - 30	40 - 60	45 - 60
Recommended operating pressure main circuit	250	280	280
Recommended operating pressure auxiliary circuit (bar)	200	200	200
Service weight of carrier vehicle ²⁾ (t)	2,5 - 7,5	6 - 14	12 - 20
Optional: Autospeed	•	•	•
Optional: Cylinder swivel unit	• 2 x 40°	• 2 x 48°	• 2 x 48°
Optional: Accumulator	•	•	•

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

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

APPLICATION AREAS

- Fast harvest of small trees and bushes.
- Harvest of short rotation plantations.
- In rough terrain, hill areas and in bog areas.
- Cultivation and landscape maintenance.
- For agricultural use on a farm loader, telehandler or wheel loader.



easily replaceable blade



For mini excavators from 2,5t.



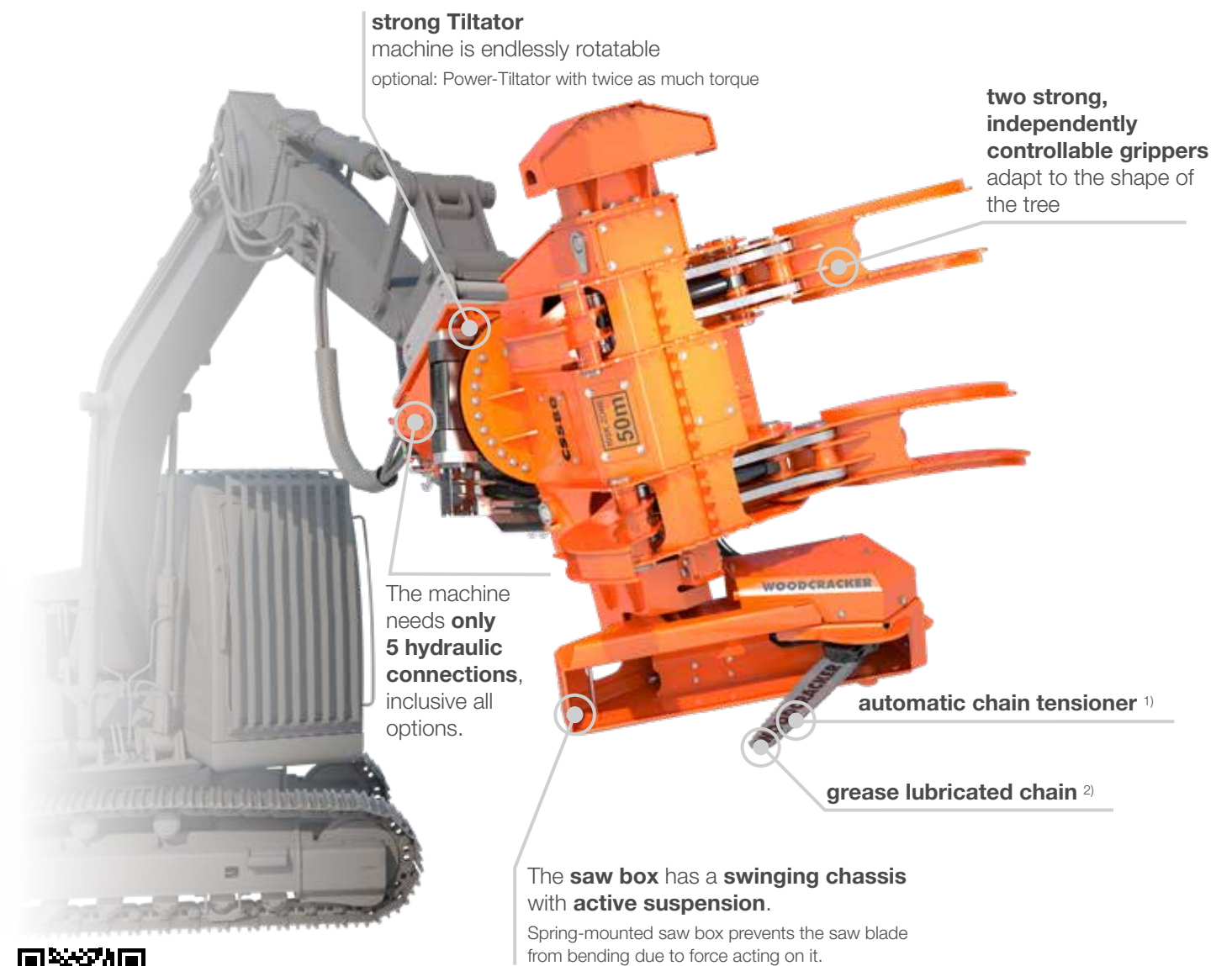
Fast harvest of small trees and bushes.



Optional available with accumulator.



Woodcracker® CL cuts weak wood up to 40 cm.



KEY FACTS

- Suitable for every standard excavator.
- 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.
- Grease lubrication does not cause oil fogging and lubricates the chain in any position.
- Removable guide bracket.
- Automatic lubrication system for Tiltator.
- Ideal transport position for a safe transport.
- Robust and long-lasting, low-wear and low-service.
- KTL-primed (cathodic dip-coating) and powder coating. Made of high-strength Hardox® steel.

¹⁾ Thanks to the **automatic chain tensioner**, the chain has always the right tension. Regardless of whether the machine has just started or has been operating for several hours. This means that the working process is not interrupted by a chain coming off.

²⁾ As the work area is not just at ground height, but at higher levels, **grease is used for chain lubrication**.

Compared to oil lubrication, this avoids oil misting, which would cause contamination of the driver's cab, and especially the windscreen. The grease stays on the chain far longer and is therefore also more economically and longer lasting.

OPTIONS

- 3 different mounting options.



THE GRIP SAW FOR TREE FEELINGS DUE TO SAFETY REASONS



The strong grippers hold the tree firmly.



Rapid chopping and piling.

TECHNICAL DATA



PATENTED



WOODCRACKER® CS	CS 580	CS 780
Cutting diameter (mm)	580	750
Gripper opening (mm)	1430	1600
Tiltator	endlessly rotatable	endlessly rotatable
Weight (Base – Full equipment) (kg)	1500 - 1600	1670
Recommended pump flow capacity main circuit ¹⁾ (l/min.)	120 - 170	120 - 170
Recommended pump flow capacity auxiliary circuit ¹⁾ (l/min.)	45 - 60	50 - 70
Recommended operating pressure (bar)	280	280
Service weight of carrier vehicle ²⁾ (t)	14 - 22	20 - 28
Saw unit	actively suspended	actively suspended
Chain lubrication of saw	grease	grease
Optional: Power-Tiltator	•	•
Optional: Automatic lubrication system for Tiltator	•	•

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

APPLICATION AREAS

- Safe removal of trees in segments, in every position or angle.
- Harvest of tree trunks.
- In rough terrain, hill areas and swamplands.
- Maintenance work along traffic roads and routes.
- Tree felling due to safety reasons.
- Quick processing of the already logged tree lying on the ground.



Removal of trees in segments.

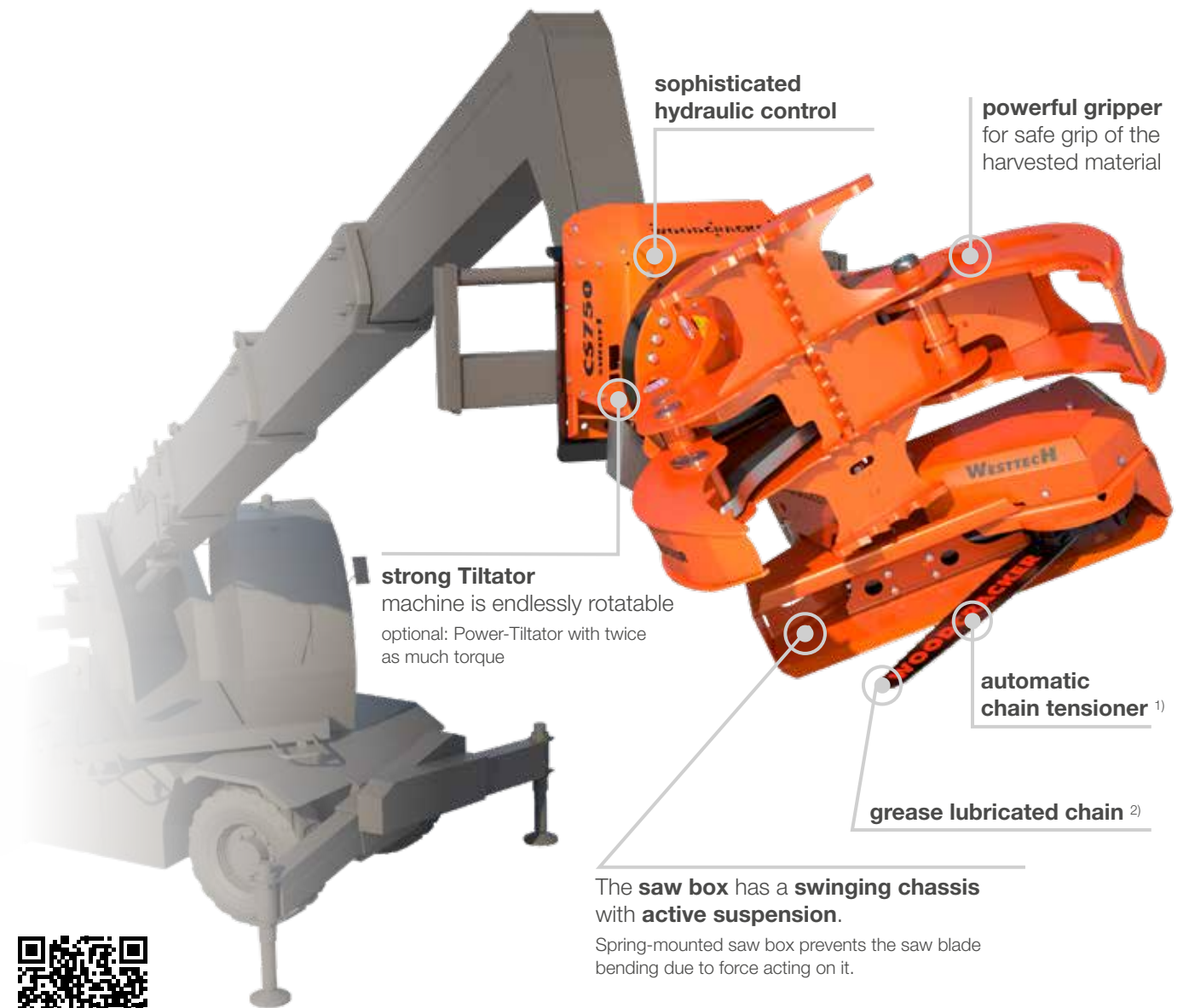


independent grippers



For large logs and safety tree fellings.

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



KEY FACTS

- Various mounting options adapted to the carrier vehicle. Optional: adapter plates for common carrier vehicles.
- Particularly developed for tree fellings due to safety reasons. Designed to be attached to telescopic handlers.
- Plug-and-play connection.
- Only one double-acting hydraulic valve needed.
- Low net weight.
- Automatic lubrication system for Tiltator.
- Robust and proven technology – Low-wear and low-service.
- KTL-primed (cathodic dip-coating) and powder coating. Made of high-strength Hardox® steel.

¹⁾ Thanks to the **automatic chain tensioner**, the chain has always the right tension.

Regardless of whether the machine has just started or has been operating for several hours. This means that the working process is not interrupted by a chain coming off.

²⁾ As the work area is not just at ground height, but at higher levels, **grease is used for chain lubrication**.

Compared to oil lubrication, this avoids oil misting, which would cause contamination of the driver's cab, and especially the windscreen. The grease stays on the chain far longer and is therefore also more economically and longer lasting.

OPTIONS

- 3 different mounting options.



THE VERSATILE GRIP SAW FOR ATTACHMENT TO TELESCOPIC HANDLERS

TECHNICAL DATA



PATENTED

WOODCRACKER® CS smart	CS 750 smart
Cutting diameter (mm)	750
Gripper opening (mm)	1280
Tiltator	endlessly rotatable
Weight (base – full equipment) (kg)	900 - 980
Recommended pump flow capacity ¹⁾ (l/min.)	65 - 110
Recommended operating pressure ¹⁾ (bar)	230 - 280
Service weight of carrier vehicle ²⁾ (t)	15 - 25
Saw unit	actively suspended
Chain lubrication of saw	grease
Optional: Power-Tiltator	•
Optional: Automatic lubrication system for Tiltator	•

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

APPLICATION AREAS

- Safe removal of trees in several parts.
- Problematic tree fellings in urban and residential areas.
- Maintenance work along traffic roads and routes.
- Felling of dangerous trees.



saw unit has a swinging chassis with active suspension



Designed for safety tree fellings.



Safe handling with high operating range.



Automatic chain tensioner, endlessly rotatable.



Problematic tree fellings in urban and residential areas.



strong Tiltator

machine is endlessly rotatable
optional: Power-Tiltator with
twice as much torque

powerful gripper
for safe grip of the
harvested material

automatic chain tensioner ¹⁾

grease lubricated chain ²⁾

The **saw box** has a **swinging chassis**
with **active suspension**.

Spring-mounted saw box prevents the saw blade
from bending due to force acting on it.



KEY FACTS

- Designed to be attached to excavators.
- Various mounting options adapted to the carrier vehicle
Optional: adapter plates for common carrier vehicles.
- Plug-and-play connection.
- Particularly developed for tree fellings due to safety reasons.
- Low net weight.
- Automatic lubrication system for Tiltator.
- Robust and proven technology –
Low-wear and low-service.
- KTL-primed (cathodic dip-coating) and powder coating.
Made of high-strength Hardox® steel.

¹⁾ Thanks to the **automatic chain tensioner**,
the chain has always the right tension.

Regardless of whether the machine has just started or has
been operating for several hours. This means that the working
process is not interrupted by a chain coming off.

²⁾ As the work area is not just at ground height,
but at higher levels, **grease is used for chain
lubrication**.

Compared to oil lubrication, this avoids oil misting, which would
cause contamination of the driver's cab, and especially the
windscreen. The grease stays on the chain far longer and is
therefore also more economically and longer lasting.

OPTIONS

- 3 different mounting options.



THE LIGHT-WEIGHTED GRIP SAW FOR ATTACHMENT TO EXCAVATORS

TECHNICAL DATA



PATENTED

WOODCRACKER® CS compact	CS 610 compact
Cutting diameter (mm)	610
Gripper opening (mm)	1280
Tiltator	endlessly rotatable
Weight (base – full equipment) (kg)	900 - 1000
Recommended pump flow capacity main circuit ¹⁾ (l/min.)	65 - 110
Recommended pump flow capacity auxiliary circuit ¹⁾ (l/min.)	40 - 60
Recommended operating pressure ¹⁾ (bar)	230 - 280
Service weight of carrier vehicle ²⁾ (t)	15 - 20
Saw unit	actively suspended
Chain lubrication of saw	grease
Optional: Power-Tiltator	•
Optional: Automatic lubrication system for Tiltator	•

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

APPLICATION AREAS

- Safe removal of trees in several parts.
- Harvest of tree trunks.
- In rough terrain, hill areas and swamplands.
- Maintenance work along traffic roads and routes.
- Felling of dangerous trees.
- Quick processing of the already logged tree lying on the ground.



saw unit has a swinging chassis with active suspension



Grease lubricated chain.



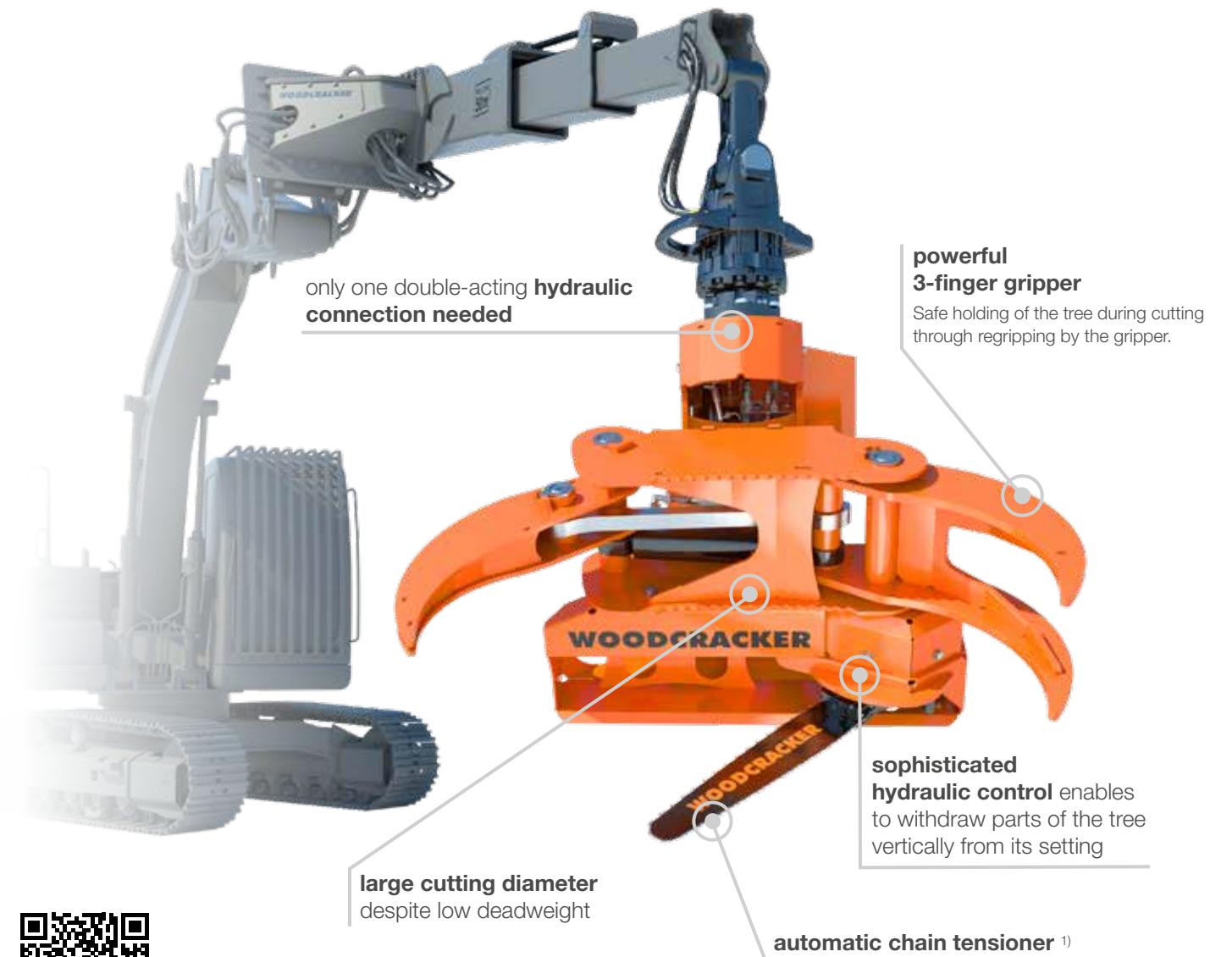
Rapid chopping and piling.



Maintenance work along traffic roads.



Various mounting options, eg. walking foot.



KEY FACTS

- Designed for gimbal-mounting on a crane, excavator or telescope stage Woodcracker® T.
- No self-initiated tilting.
- Manually lockable tilt function and saw, for usage as gripper.
- The machine fits on any forestry crane instead of the existing gripper.
- Manutilt – is the carrier vehicle equipped with more than one hydraulic circuits, the tilt function can be controlled independently from the gripper.
- Low-service and low-wear due to special cutting system.
- KTL-primed (cathodic dip-coating) and powder coating. Made of high-strength Hardox® steel.

¹⁾ Thanks to the **automatic chain tensioner**, the chain has always the right tension. Regardless of whether the machine has just started or has been operating for several hours. This means that the working process is not interrupted by a chain coming off.

OPTIONS

- Quick coupler QC10
- Autotilt – Due to sophisticated hydraulic control, it is possible to withdraw parts of the tree vertically from its setting. Therefore, the grip saw can be operated with only one double-acting hydraulic circuit.



Hightly rugged and durable grapple saw.



No extra additional hydraulic couplings needed.



Versatile mounting options.



User-friendly operation.

TECHNICAL DATA



WOODCRACKER® CS crane	CS 510 crane
Cutting diameter (mm)	540
Gripper Opening (mm)	1270
Weight (Base – Full equipment) (kg)	370 - 500
Recommended pump flow capacity ¹⁾ (l/min.)	50 - 90
Recommended operating pressure ¹⁾ (bar)	200 - 280
Chain lubrication	oil
Optional: Rotator including swing damper	•
Optional: Rotator including dual swing damper	•
Optional: Quick coupler QC10	•
Optional: Autotilt (only one double-acting hydraulic connection needed)	•

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

APPLICATION AREA

- Different mounting options possible.
- Suitable for every standard crane, e.g. wood/recycling or loading cranes and for excavators, timber trailers, trucks or telehandlers.
- Tree maintenance actions in urban areas.
- On a crane for special tree removal and traffic safety work.



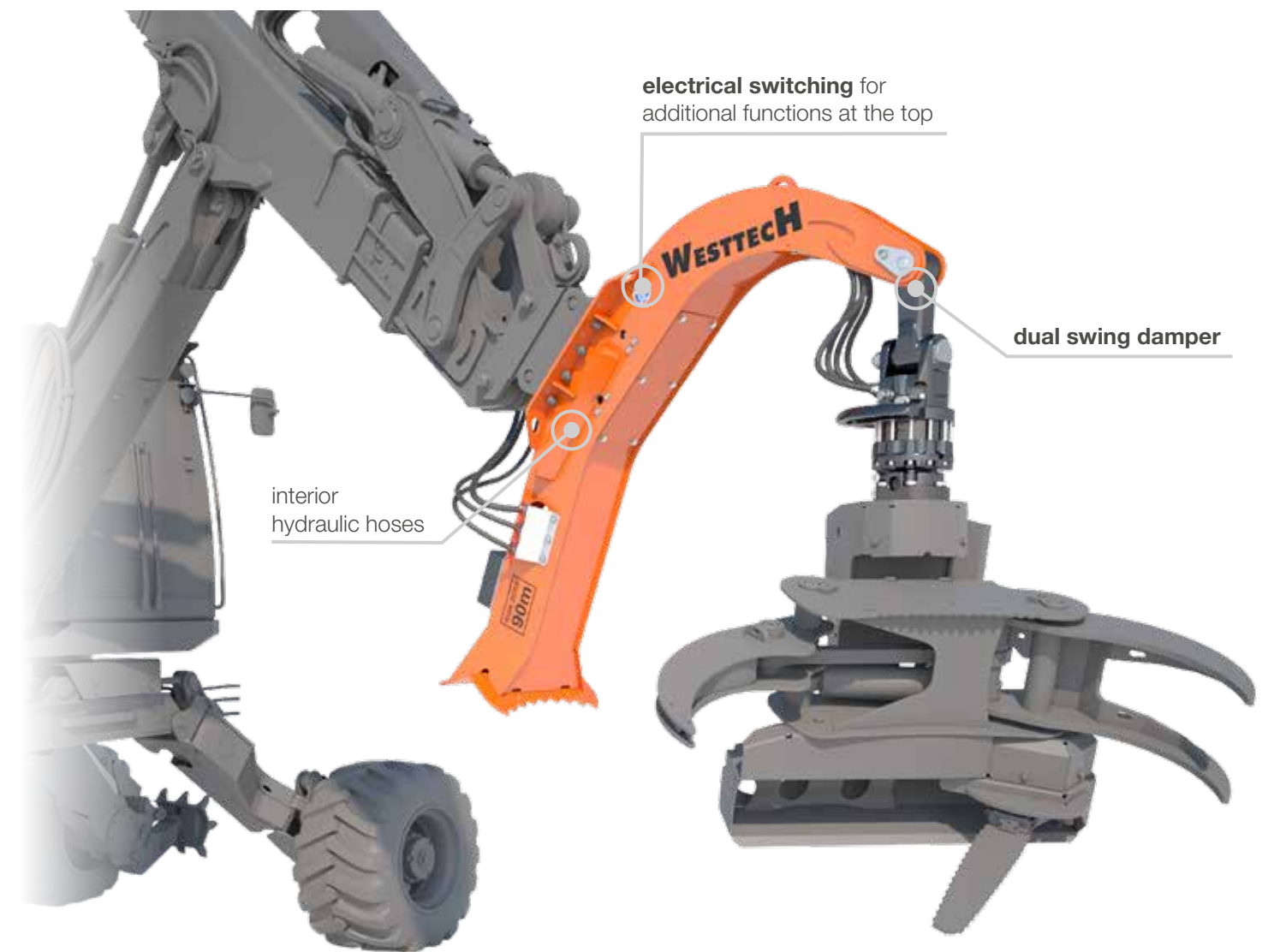
transportbox with integrated tool's drawer

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

WALKING FOOT



WALKING FOOT



KEY FACTS

- Perfect suited for Woodcracker® CS crane and Woodgripper.
- Various individual attachments possible (eg. wood gripper, grip saws, clamshell bucket, ...).
- Can be attached to standard excavator quick-coupling systems.
- No special excavator specification needed - for every excavator from 14 - 22t.
- KTL-primed (cathodic dip-coating) and powder coating. Made of high-strength Hardox® steel.



For thinning hillside.



THE WALKING FOOT FOR ATTACHMENT TO EXCAVATORS

TECHNICAL DATA



WOODCRACKER® WALKING FOOT

	SE 6	SE 12
Extension of working range (mm)	1150	1150
Hydraulic hoses	inside	inside
Weight (Base – Full equipment) (kg)	150 - 250	230 - 330
Recommended litre capacity main circuit ¹⁾ (l/min.)	50 - 90	50 - 90
Recommended litre capacity auxiliary circuit ¹⁾ (l/min.)	30 - 40	30 - 40
Recommended operating pressure main circuit ¹⁾ (bar)	200 - 280	200 - 280
Recommended operating pressure auxiliary circuit ¹⁾ (bar)	200 - 230	200 - 230
Service weight of carrier vehicle ²⁾ (t)	6 - 14	12 - 22
Optional: Electrical switching for additional functions at the top	•	•
Optional: Rotator including swing damper	•	•
Optional: Rotator including dual swing damper	•	•
Optional: Quick coupler QC10	•	•
Optional: Woodgripper 1270	•	•
Optional: Woodcracker® CS510 crane	•	•

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

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

APPLICATION AREAS

- Suitable for all standard excavators.
- For movement in rough terrain.
- For thinning hillside.
- Adapter for cardanic attachments.



The walking foot allows the excavator to move along, when cardanic machines are attached.

WALKING FOOT



For all standard excavators.



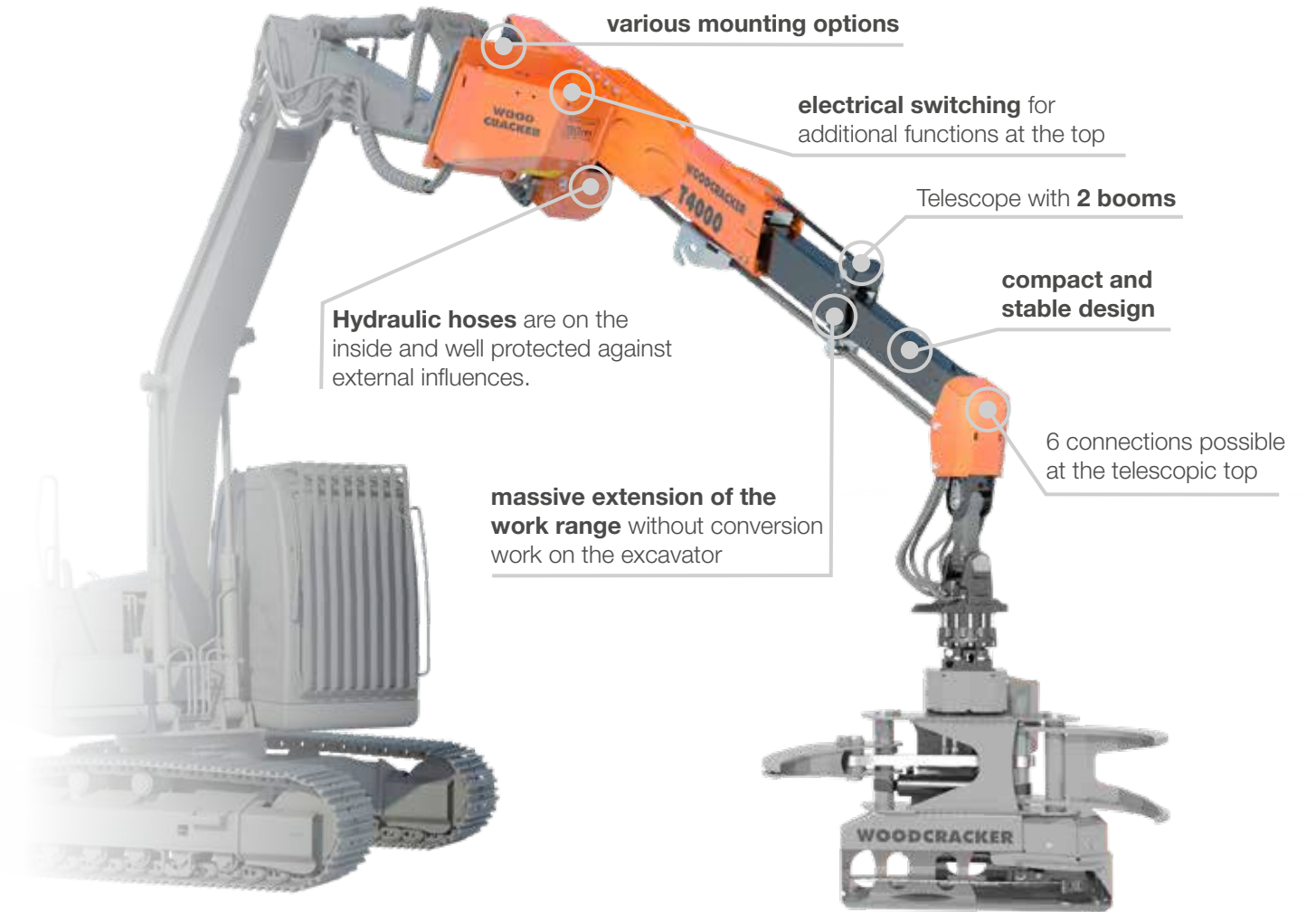
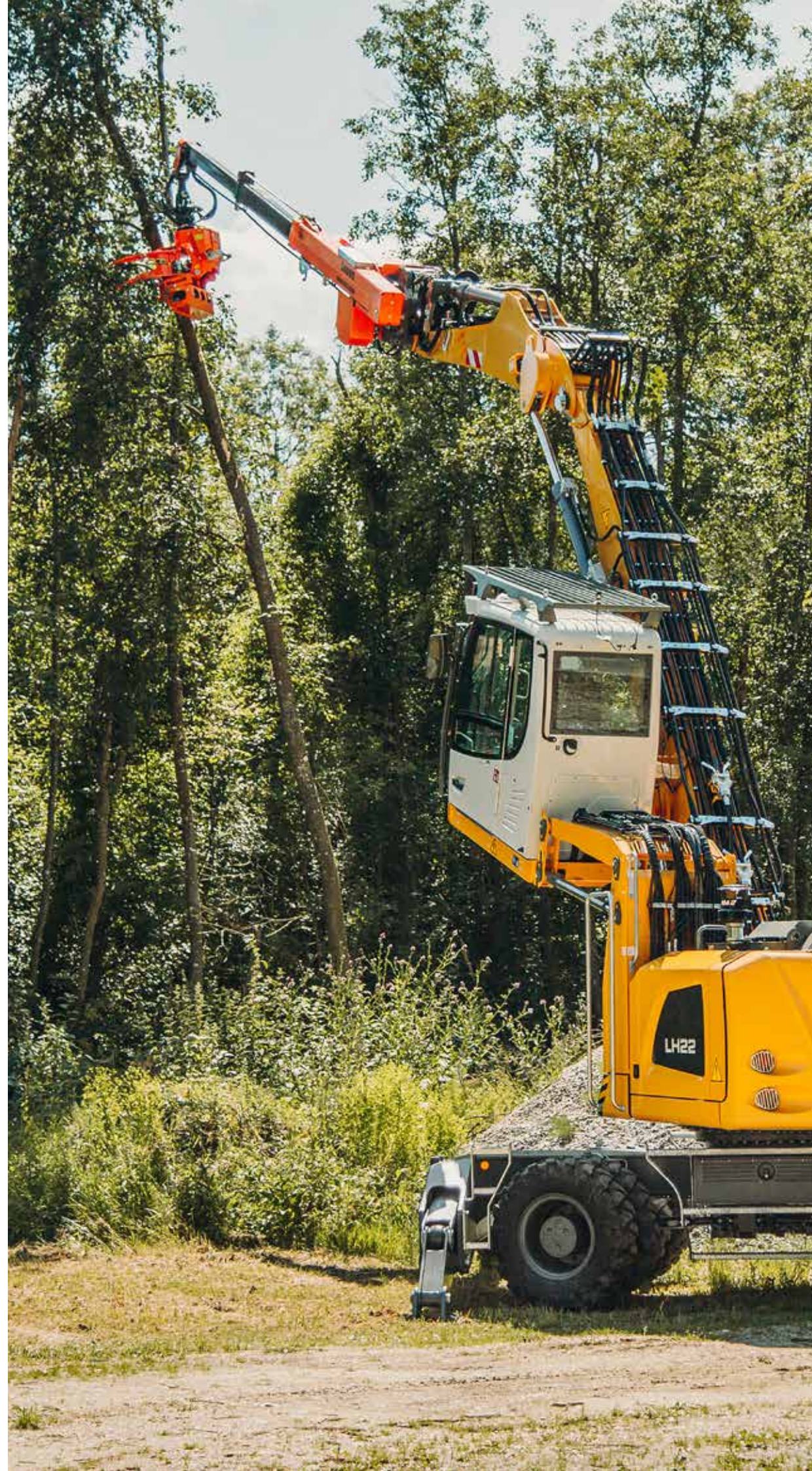
Walking foot with Woodcracker® CS510 crane.



Walking foot on a walking excavator Kaiser S12.



For movement in rough terrain.



KEY FACTS

- Perfect suited for Woodcracker® CS crane and Woodgripper.
- Various individual attachments possible (eg. wood tongs, grapple saws, clamshell bucket, ...).
- Can be attached to standard excavator quick-coupling systems.
- 4, optional 6 hydraulic connections at the top.
- No special excavator specification needed - for every excavator from 14 - 22 t.



Telescope with 2 booms.

Caution: Woodcracker® T is not suitable for lifting work with hooks or other slings.



THE TELESCOPE STAGE FOR EXCAVATORS

TECHNICAL DATA

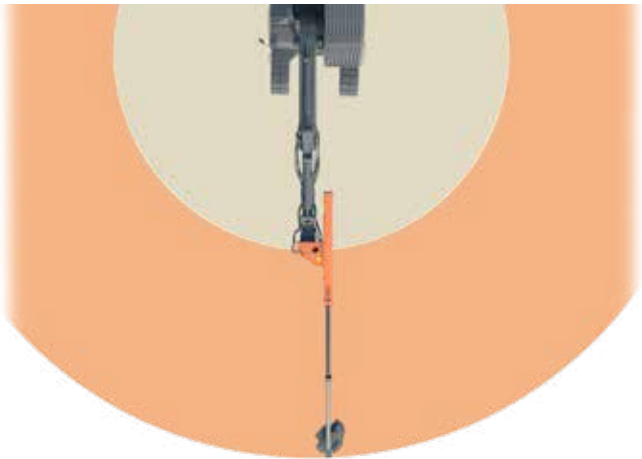


WOODCRACKER® T	T 4000
Work range (mm)	up to 6350
Telescope stroke (mm)	4000
Telescope version	double
Telescope hose guide	inside
Weight (Base – Full equipment) (kg)	680 - 730
Stroke torque ex excavator kinematics (kNm)	92
Admitted ultimate load (retracted/extended) (kg)	2500/1550
Maximum compression force (kg)	100
Recommended litre capacity to telescope extension ¹⁾ (l/min.)	50 - 110
Recommended litre capacity to auxiliary circuit ¹⁾ (l/min.)	30 - 40
Recommended operating pressure for telescope extension (bar)	250
Service weight of carrier vehicle ²⁾ (t)	14 - 22
Optional: hose reel	•
Optional: Rotator including swing damper	•
Optional: Rotator including dual swing damper	•
Optional: Quick coupler QC10	•
Optional: Woodgripper 1270	•
Optional: Woodcracker® CS510 crane	•

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APPLICATION AREAS

- Can be attached to any standard excavator to increase the reach without any conversion work on the carrier vehicle.



Operating range is extended enormously.



Work range extension up to 6,35 m.



For all customary excavators.



Hydraulic hoses on the inside.



Telescope with two booms.

¹⁾ Depending on operating mode or equipment. ²⁾ Depending on specifications of the operation vehicle. • available - not available



KEY FACTS

- Flexible mounting options to common machines.
- Enables mounting of attachments to carrier vehicles with boom without tilt mechanism.
- Robust and long-lasting, low-wear and low-service.
- KTL-primed (cathodic dip painting) and powder top coat. Made of high-strength Hardox® steel.

OPTIONS

- Mounting brackets for all common carrier vehicles.
- Full hydraulic quick coupler.



THE ATTACHMENT COUPLER FOR EXCAVATORS

TECHNICAL DATA



WOODCRACKER® TK	TK 15
Inclination (degree)	max. 160
Weight (depending on attachment) ¹⁾ (kg)	> 380
Recommended pump flow capacity ¹⁾ (l/min)	40
Recommended operating pressure (bar)	280
Service weight of carrier vehicle ²⁾ (t)	up to 20

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

¹⁾ Depending on operating mode or equipment. ²⁾ Depending on specifications of the operation vehicle. • available - not available

APPLICATION AREAS

- Connection adapter for harvester, telescopic handlers and rehandling excavators - vehicles with cardanic attachment.
- For Woodcracker® machines, eg. C/CL/CB/W and Mulcher.
- For all other rigid-mounted excavator attachments, eg. excavator shovels, forest mulchers, etc.



Attachment coupler with Woodcracker® C250.



Producer-independent mountable.



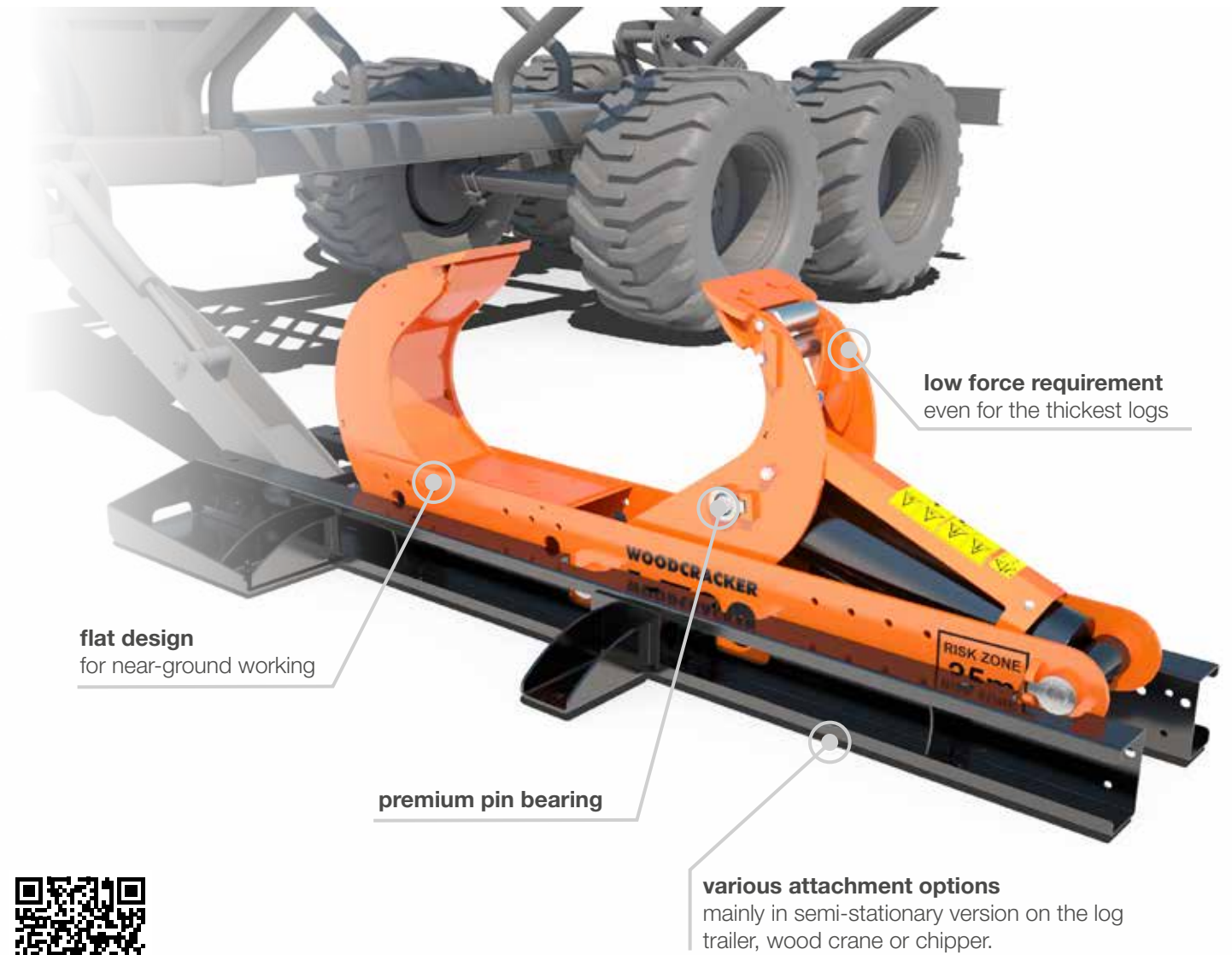
For vehicles without tilt mechanism.



Work flexible and fast.



Low net weight.



KEY FACTS

- Available in different sizes suitable for the carrier vehicle.
- Plug-and-crack connection.
- Optimal cost/benefit ratio.
- Premium pin bearing.
- Robust and proven technology – Low-wear and low-service.
- KTL-primed (cathodic dip-coating) and powder coating. Made of high-strength Hardox® steel.



Thanks to the possible attachment to excavators, the log can be split and loaded in one single operation.



THE COMPACT WOOD SPLITTER

TECHNICAL DATA



PATENTED

WOODCRACKER® L	L 540	L 700	L 920	L 1200
Tongs opening (mm)	540	700	900	1200
Splitting force (depending on operating pressure) (t)	up to 14	up to 22	upt to 22	up to 33
Weight (Base – Full equipment) (kg)	195	285	370	1100
Recommended pump flow capacity ¹⁾ (l/min.)	ca. 25 - 60	ca. 25 - 60	ca. 25 - 60	ca. 80 - 150
Recommended operating pressure ¹⁾ (bar)	180 - 240	180 - 240	180 - 240	220 - 270
Optional: Standing fixture	•	•	•	•
Optional: Excavator attachment	•	•	•	-
Optional: Farm loader attachment	•	•	-	-

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

APPLICATION AREAS

- Splitting thick wood trunks.
- Pre-splitting wood allows a natural drying process and therefore increases biomass quality and energy yield.
- Can be used in all harvesting 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.
- Wood splitter can be used as a gripper.



Various mounting options.



Low effort for splitting.

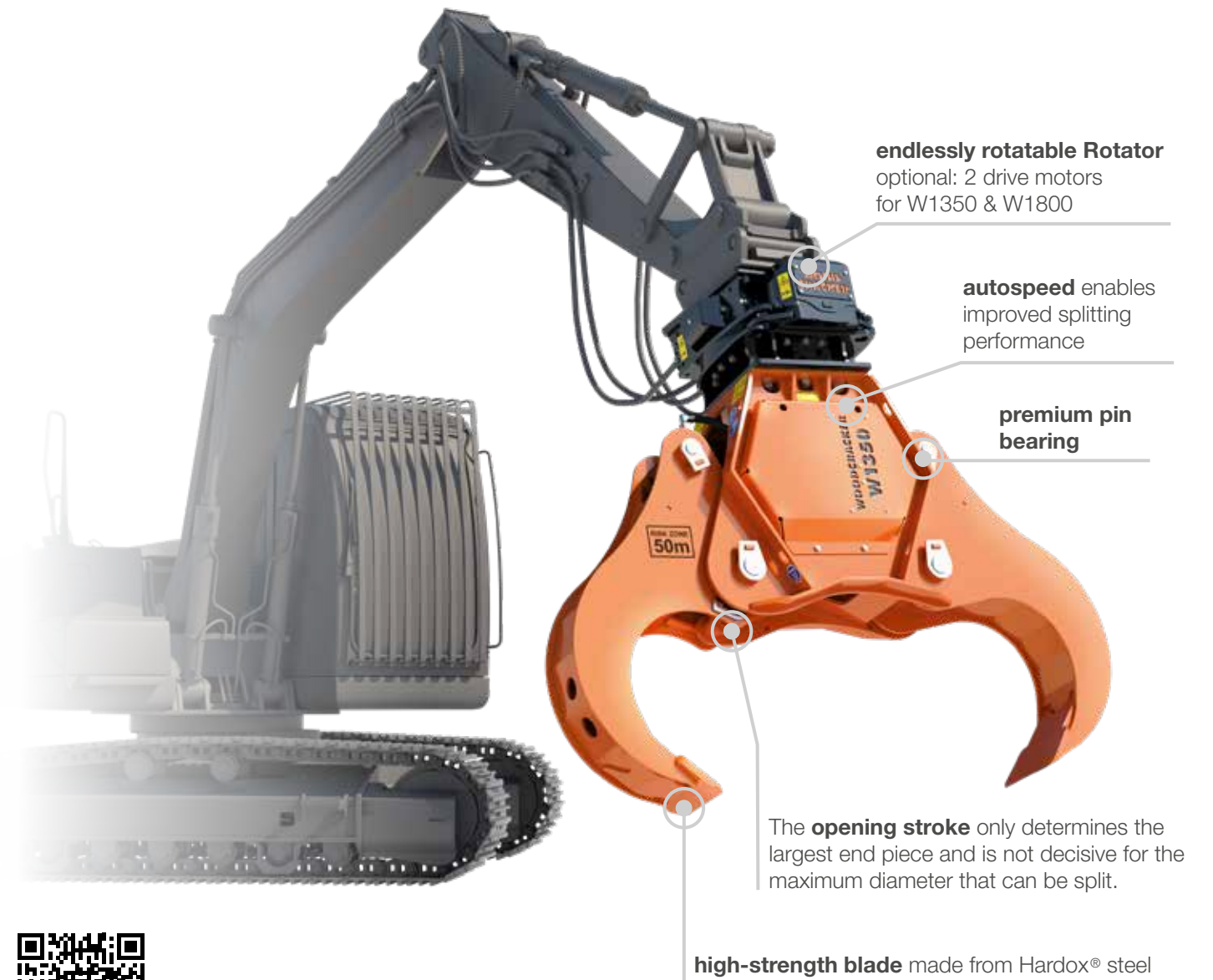


The trunk can be split and loaded in one work step.



Splitting thick wood trunks.

¹⁾ Depending on operating mode or equipment. ²⁾ Depending on specifications of the operation vehicle. • available - not available



KEY FACTS

- Available in different sizes suitable for the carrier vehicle.
- Proper and simple connection.
- Plug-and-crack connection.
- Easy supply of the pre-split material to chippers.
- Robust and proven technology – Low-wear and low-service.
- KTL-primed (cathodic dip-coating) and powder coating. Made of high-strength Hardox® steel.



endlessly rotatable Rotator for flexible application



THE STRONG WOOD SPLITTING TONGS

TECHNICAL DATA



PATENTED

WOODCRACKER® W	W 600	W 820	W 1000	W 1350	W 1800
Tongs opening (mm)	620	820	1040	1370	1830
Splitting force at 240 bar (t)	26	26	26	34	47 ³⁾
Weight (Base – Full equipment) (kg)	310	370	580	990	1990
Recommended pump flow capacity (l/min.)	25 - 60	25 - 60	40 - 80	80 - 150	100 - 190
Recommended operating pressure (bar)	190 - 250	190 - 250	190 - 250	220 - 270	240 - 300
Service weight of carrier vehicle (t)	6	10	14	20	30
Roller system	•	•	•/-	-	-
Optional: Autospeed	•	•	•	-	-
Optional: Rotator	•	•	•	•	•

Technical data and illustrations 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 harvesting and processing methods of strong wood.
- Pre-splitting wood allows a natural drying process and as a result an increase in biomass quality and energy yield.
- Splitting tongs can be used as a gripper.
- Pre-splitting wood for further processing of split logs or chipped wood material.
- Easy supply of the pre-split material to chippers.



Easy supply of the pre-split material to chippers.



Splitting thick wood trunks with minimal effort.



Pre-splitting wood allows a natural drying process.



Various mounting options.

¹⁾ Depending on operating mode or equipment. ²⁾ Depending on specifications of the operation vehicle. ³⁾ At 300 bar working pressure.
• available - not available



KEY FACTS

- Available in different sizes suitable for the carrier vehicle.
- Easy attachment.
- Cutting and moving the rootstock is possible in one work step.
- Robust and proven technology – Low-wear and low-service.
- KTL-primed (cathodic dip-coating) and powder coating. Made of high-strength Hardox® steel.



Woodcracker® S200 working.



Cutting and moving at once.



Additional biomass mobilisation.

TECHNICAL DATA



WOODCRACKER® S	S 200	S 400
Tongs opening (mm)	410	600
Cutting width (mm)	240	480
Weight (basic model) (kg)	170	760
Recommended pump flow capacity ¹⁾ (l/min.)	approx. 25 - 60	approx. 60 - 120
Recommended operating pressure ¹⁾ (bar)	180 - 240	240 - 270
Service weight of carrier vehicle ²⁾ (t)	1,5 - 6	max. 18

¹⁾ Depending on operating mode or equipment. ²⁾ Depending on specifications of the operation vehicle. • available - not available

APPLICATION AREA

- 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.
- Developed for sandy and erosion-prone soils, as the root material remains in the soil.



Working in pine forest in South France.



Easy mounting to carrier vehicles.



Usage in loose, sandy and erosion-prone soils.



KEY FACTS

- Gentle removal of the root stock from the ground, with leaving only a minimal damage to the soil.
- Through additional biomass mobilisation, another source of revenue is generated for the forestry business.
- Available in different sizes suitable for the carrier vehicle.
- Plug-and-play connection.
- Robust and proven technology – Low-wear and low-service.
- Made of high-strength Hardox® steel.

ALTERNATIVE: RIPPER TOOTH

- Fast and cost-efficient ripper tooth.
- For temporary use.
- Available in 2 sizes.



Woodcracker® Ripper Tooth



THE POWERFUL ROOT STOCK CLEARING DEVICE



Careful removal of the entire root stock from the ground.



Robust cutting unit.

TECHNICAL DATA



WOODCRACKER® R	R 900	R 1300
Opening stroke (mm)	955	1300
Cutting force (depending on operating pressure) ¹⁾ (t)	up to 45	up to 65
Weight (basic model) (kg)	1200	2100
Recommended pump flow capacity ¹⁾ (l/min.)	100 - 190	120 - 250
Recommended operating pressure (bar) ¹⁾ (bar)	240 - 280	250 - 310
Service weight of carrier vehicle ²⁾ (t)	25	30

¹⁾ Depending on operating mode or equipment. ²⁾ Depending on specifications of the operation vehicle. • available - not available

APPLICATION AREA

- 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.



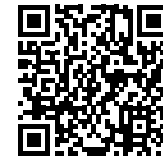
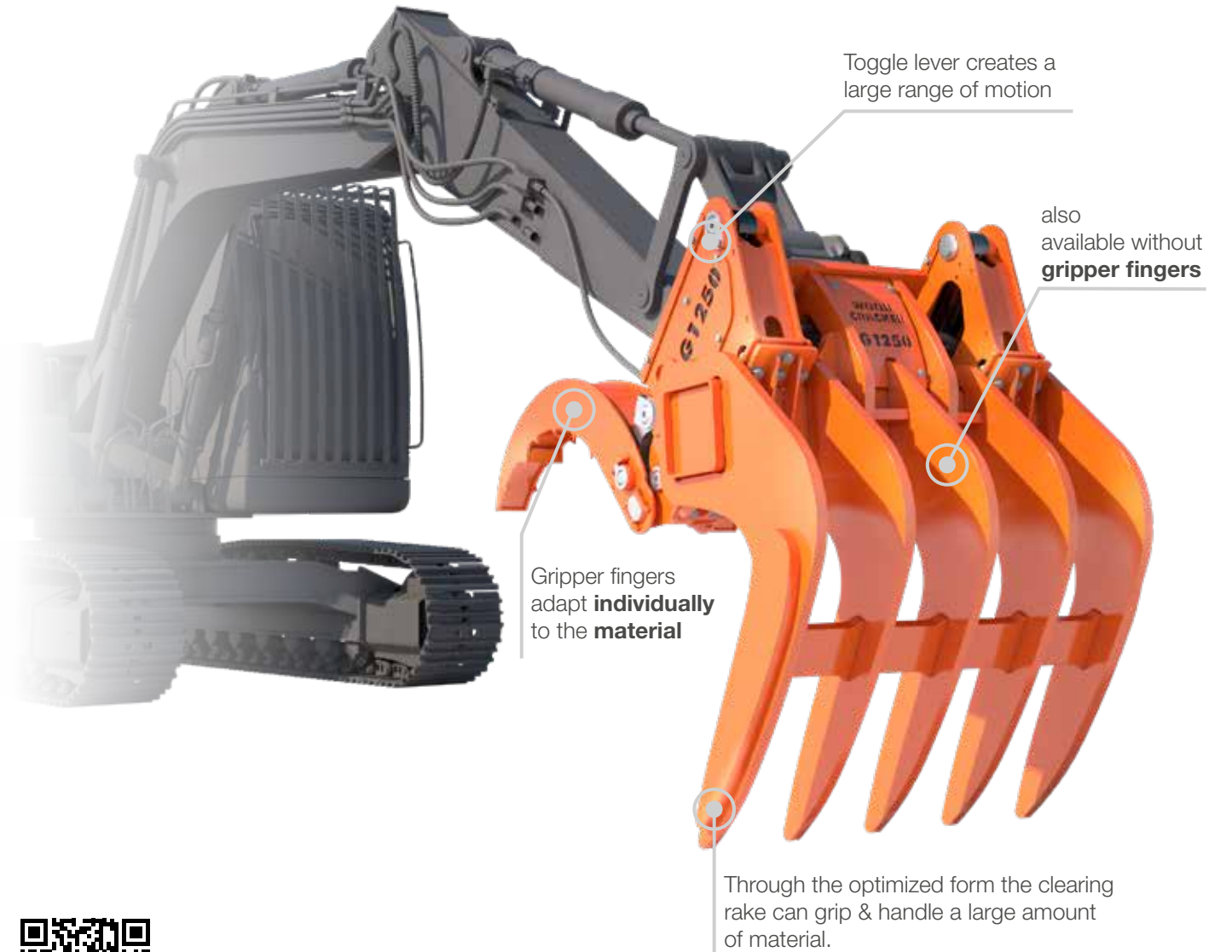
optimized sword



Used for clearing the soil.



Chipping of the harvested material.



KEY FACTS

- Mountable to all conventional carrier vehicles.
- Can also be used as gripper for material handling.
- Robust and long-lasting, low-wear and low-service.
- KTL-primed (cathodic dip-coating) and powder coating. Made of high-strength Hardox® steel.



Woodcracker® G without gripper fingers

OPTIONS

- Fine rake:
Easy attachment to Woodcracker® G.
Used for thorough and extensive floor cleaning.



fine rake



Woodcracker® G1250 with fine rake.



Clearing and caring of large areas.

TECHNICAL DATA



WOODCRACKER® G	G 850	G 1250	G 1650
Working width (mm)	850	1250	1650
Weight (incl. gripper fingers) (kg)	585	1420	1610
Recommended pump flow capacity ¹⁾ (l/min.)	40 - 60	50 - 90	50 - 90
Recommended operating pressure ¹⁾ (bar)	200 - 250	200 - 250	200 - 250
Service weight of carrier vehicle ²⁾ (t)	7,5 - 15	15 - 22	20 - 25
Optional: Gripper fingers	•	•	•
Optional: Fine rake	•	•	•

¹⁾ Depending on operating mode or equipment. ²⁾ Depending on specifications of the operation vehicle. • available - not available

APPLICATION AREAS

- Cleaning and caring for large areas.
- Collecting tree cuts and root materials.
- Landscape maintenance.
- Clearing small rootstocks.
- Supporting follow-up machines (transport and chipping).
- Crop manipulating/handling.



The gripper fingers adjust individually to the crop.



Mountable to all common carrier vehicles.

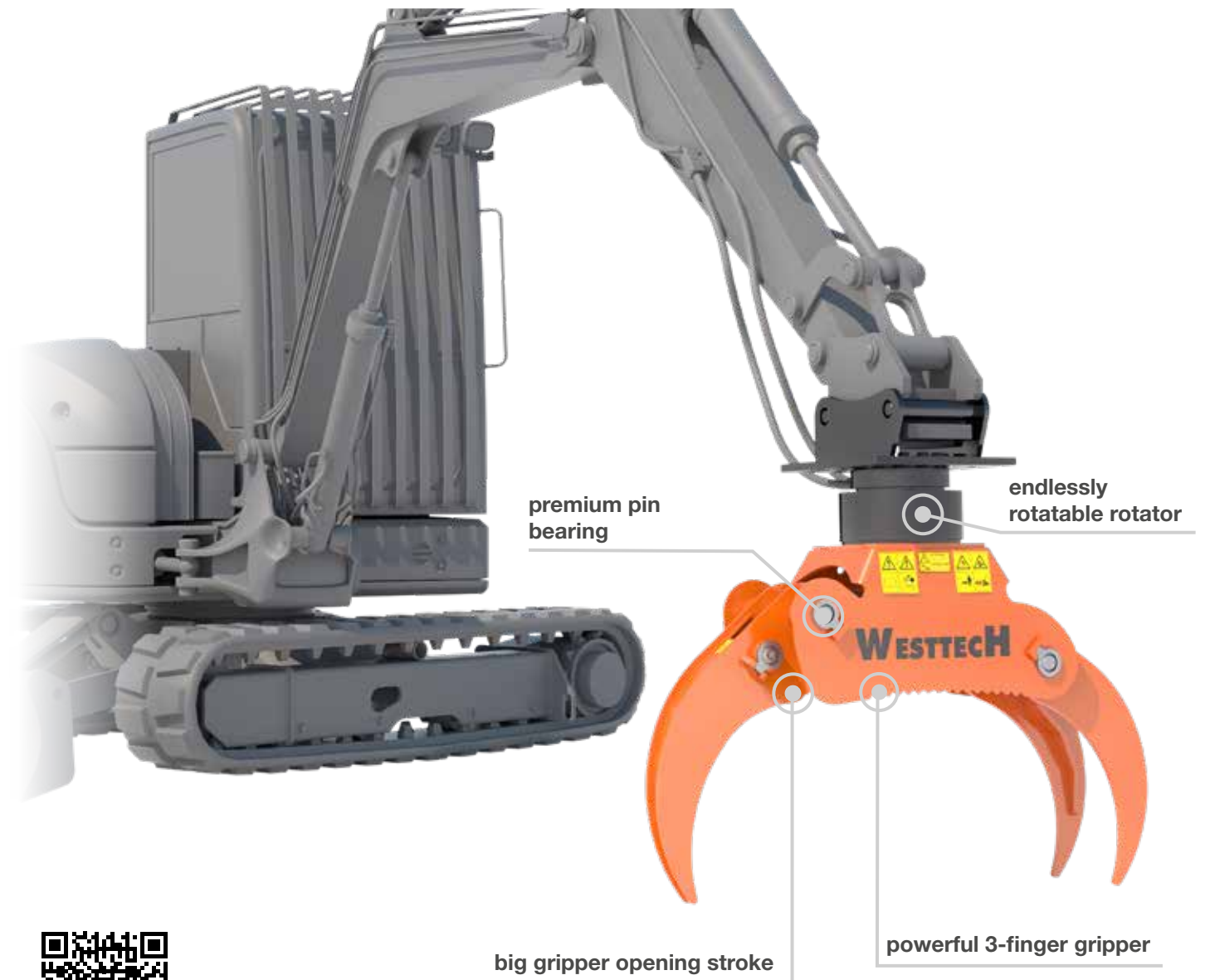


Very large capacity.

WOODGRIPPER



WOODGRIPPER



KEY FACTS

- Rigid or cardanic mounting possible.
- Can be mounted to cranes, timber trailers or excavators.
- Modular system with different options, eg. saw unit
- Robust and proven technology – Low-wear and low-service.
- KTL-primed (cathodic dip-coating) and powder coating. Made of high-strength Hardox® steel.

OPTIONS

- Quick coupler QC10
- Rotator
- Saw unit



Saw unit with 54 cm cutting diameter.



THE ROBUST WOOD GRIPPER



Gripper opening stroke 1270mm.



For rigid or cardanic mounting.

TECHNICAL DATA



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

WOODGRIPPER	WG 1270
Gripper opening stroke (mm)	1270
Weight (Base – Full equipment) (kg)	180 - 450
Recommended pump flow capacity ¹⁾ (l/min.)	30 - 80
Recommended operating pressure ¹⁾ (bar)	180 - 300
Service weight of carrier vehicle rigid ²⁾ (t)	3 - 10
Service weight of carrier vehicle cardanic ²⁾ (t)	3 - 15
Optional: Quick coupler QC10	•
Optional: Rotator (gimbal or rigid)	•
Optional: Saw unit	•
Optional: Walking foot with cardanic attachment	•

¹⁾ Depending on operating mode or equipment. ²⁾ Depending on specifications of the operation vehicle. • available - not available

APPLICATION AREAS

- Collecting/Loading/Manipulating.
- For tree trunks, branches or brushwood.
- Processing of already logged trees.



powerful 3-finger gripper



Sturdy and low-wear woodgripper with saw unit.



Can be mounted to cranes, timer trailers or excavators.

MOWBLOWER®



MOWBLOWER®

ejection
hydraulically adjustable

mounting to **remote-
controlled mowers**

hydraulically
adjustable tower

powerful
ejection blower

hydraulically operated disc mower
for protecting the turf



KEY FACTS

- Mounting to remote-controlled mowers.
- Developed for working hillside.
- Ejected clippings get carried further with every cycle, therefore no green waste is left behind.
- No nutrient input – long lasting cut.
- Widespread, evenly ejection.
- Hydraulically operated.
- Easy change of blades.
- Protection of the turf.



Mowblower® working hillside.



Neat scenery thanks to the mowing.



Hillsides and V-zones.



Mows places, an arm mower can not reach.



The Mowblower® can be mounted to a remote-controlled mower.

TECHNICAL DATA



PATENTED

MOWBLOWER®	
Cutting width (mm)	1300
Disc mower (pcs.)	3
Weight (base - full equipment) (kg)	approx. 395
Recommended pump flow capacity main circuit ¹⁾ (l/min.)	50 - 80
Recommended pump flow capacity auxiliary circuit ¹⁾ (l/min.)	10 - 40
Recommended operating pressure main circuit ¹⁾ (bar)	240 - 300
Recommended operating pressure auxiliary circuit ¹⁾ (bar)	150 - 200
Ejection rotation range (degree)	360
Optional: High cut skids	•

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

APPLICATION AREAS

- Inaccessible grassland.
- Between field and meadow.
- Areas of vegetal overgrowth.
- Small back slopes.
- Hillside.
- Brookside and banks.
- Roadside ditches.
- Paths and unploughed strips along fields.
- Electrical power lines.
- Maintenance of rainwater retention basins.

¹⁾ Depending on operating mode or equipment. ²⁾ Depending on specifications of the operation vehicle. • available - not available

MULCHER



MULCHER

cylinder swivel unit
available for mulching hillsides

mulching in
both directions

generously sized bearing

exchangeable attrition skids

desensitised against foreign objects

ideal working width for road and embankment maintenance



KEY FACTS

- Robust workmanship, low-wear mulching system.
- Attachment to conventional excavators from 7 to 14 tonnes.
- 2 different mulch systems.
- For keeping forest roads clear.
- Axial piston rotating motor with optimum efficiency in two different sizes possible.
- Protected hydraulic connections.
- KTL-primed (cathodic dip-coating) and powder coating. Made of high-strength Hardox® steel.



Mulcher at slope maintenance.

THE EXCAVATOR-MOUNTED MULCHER



Mulching in both directions possible - very efficient working method.



For keeping forest roads clear.

TECHNICAL DATA



MULCHER

M 105

Cutting width (mm)	1050
Weight (base - full equipment) (kg)	315 - 490
Recommended pump flow capacity ¹⁾ (l/min.)	60 - 75
Recommended operating pressure (bar)	280
Service weight of carrier vehicle ²⁾ (t)	7 - 14
Optional: Cylinder swivel unit	•
Optional: Knife mulch unit	•

¹⁾ Depending on operating mode or equipment. ²⁾ Depending on specifications of the operation vehicle. • available - not available

APPLICATION AREAS

- Maintenance of overgrown green areas, if mowing or grazing is unfeasible.
- Maintenance of roadsides and hillsides.
- Maintenance of banks and wooded terrain.



Knife mulch unit



Chain mulch unit



Easily replaced knives, replaceable attrition skids.

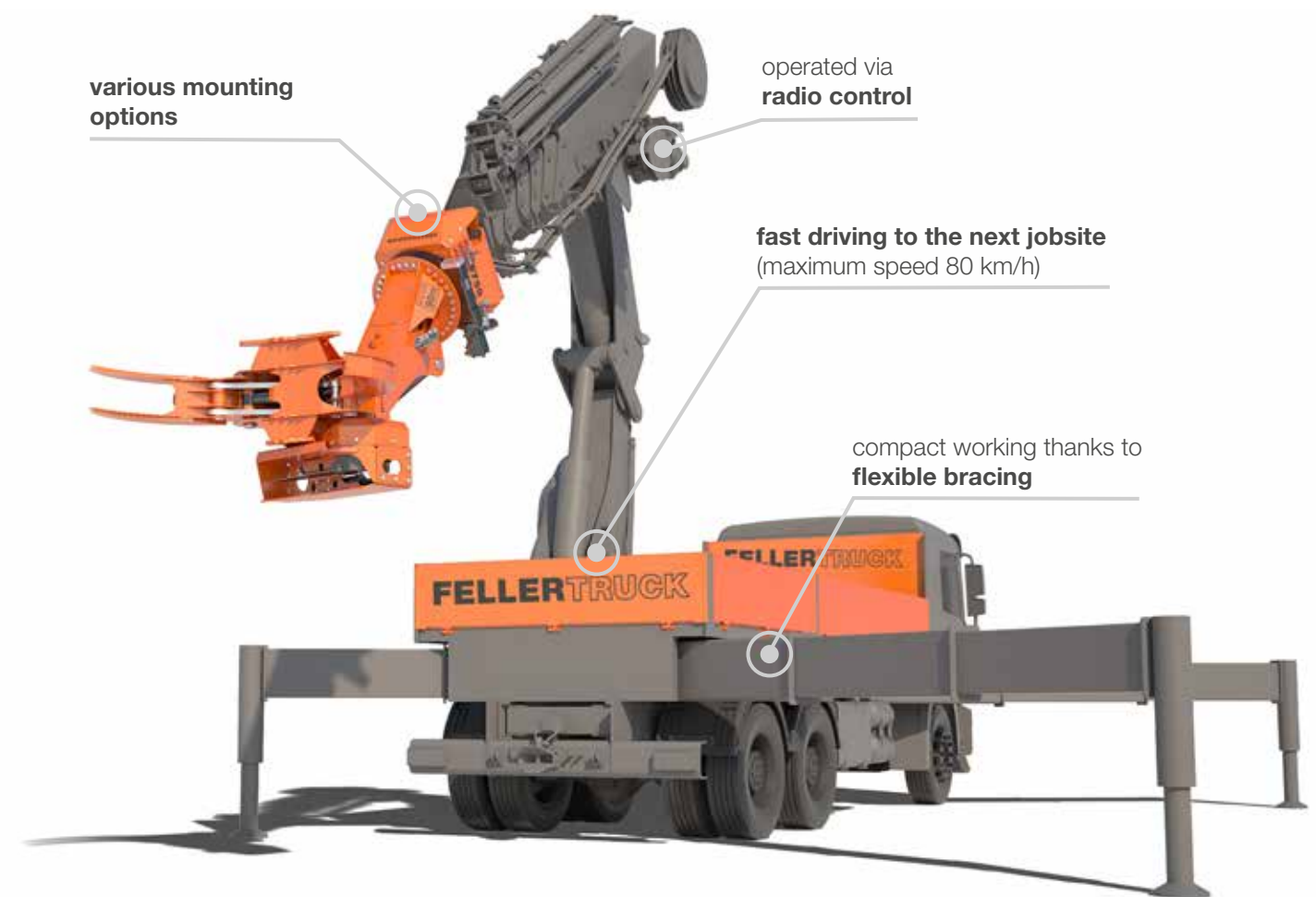


Maintenance of banks and wooded terrain.

FELLERTRUCK

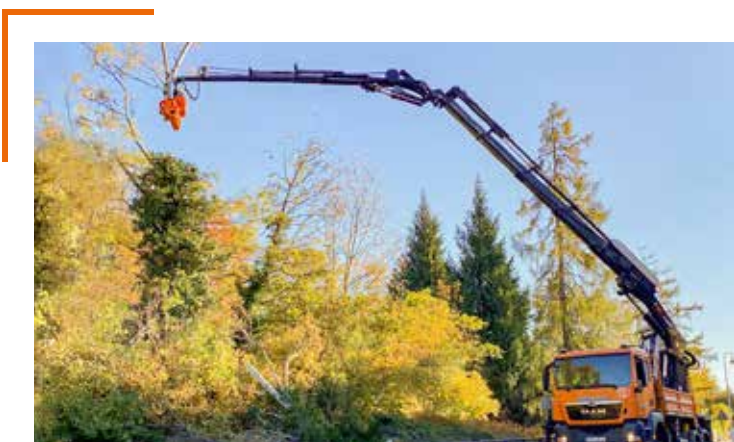


FELLERTRUCK



KEY FACTS

- Easy transport of a skip for clippings.
- Range extension due to Fly-Jib.
- Various crane superstructures possible.
- All-terrain vehicle with different off-road plans.
- Working downhill.
- Problematic tree fellings in urban and residential areas.
- Maintenance work along traffic roads and routes.
- Felling of dangerous trees.
- Fast setting-up at the jobsite.



Woodcracker® CS510 crane and Fly-Jib on the Fellertruck.



TECHNICAL DATA



WOODCRACKER® CS smart	CS 750 smart
Cutting diameter (mm)	750
Opening stroke (mm)	1600
Tiltator	endlessly rotatable
Weight (base - full equipment) (kg)	1100 - 1250
Recommended pump flow capacity ¹⁾ (l/min.)	65 - 110
Recommend operating pressure ¹⁾ (bar)	230 - 280
Carrier vehicle, for cranes from (mto)	50
Saw unit	active suspended
Chain lubrication saw	oil/grease
Large angle of motion (degree)	145
Optional: Power-Tiltator	•
Optional: Automatic lubrication system for Tiltator	•

¹⁾ Depending on operating mode or equipment. ²⁾ Depending on specifications of the operation vehicle. • available - not available

APPLICATION AREAS

- Safe removal of trees in several parts, vertically.
- Problematic tree fellings in urban and residential areas.
- Maintenance work along traffic roads and routes.
- Felling of dangerous trees.



Woodcracker® CS510 crane on Fly-Jib for extended reach.



Developed for safety tree fellings.



Working safely with high reach.



Working possible without blocking both lanes.



Fast driving from A to B because of the permission to drive on public roads.

WORKING EFFICIENTLY. WORLDWIDE.

NEXT
TECH

MADE IN AUSTRIA

**WORLDWIDE, PROS TRUST THE EFFICIENT
FORESTRY MACHINES OF WESTTECH:**

- 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
- Municipality
- Military





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WESTTECH



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