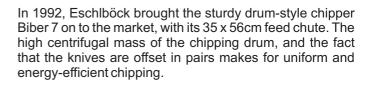




systems. Since then, over 1500 Biber 5's have been sold.



In 1995, Eschlböck's first heavy-duty chipper, the Biber 8,

the predecessor of the current Biber 80, was sold.

Obtaining energy from renewable, sustainable raw materials is what the present generation is demanding. This family-run business, with its many highly-qualified employees, has become a specialist in wood chipping.

You can find BIBER machines from Eschlböck working in some of the most prestigious places in Europe, for example at Versailles and Disneyland in Paris and also on the North Sea islands of Sylt and Föhr. A Biber machine produces probably the finest smelling wood chips in the world from old wine barrels, which are exported to Spain and South America for use in flavouring the wines.



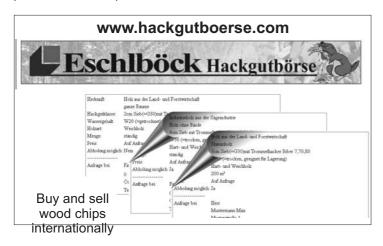




Online marketing of wood chip materials

By using the international platform www.hackgutboerse.com, owners of Biber wood chippers can offer their wood chip materials for sale throughout Germany and Austria, and also in South Tyrol. Anyone who has wood chip heating, or is thinking of installing it, can look for providers all over the country who will supply and deliver wood chip materials.

The materials are categorised according to their origin, particle size, water content and the type of wood. The suppliers decide for themselves whether they want to sell by weight or by m³ and in which regions (post code areas) they will deliver. A simple definition of the quality characteristics of chippings for heating is available to all suppliers and purchasers on request.

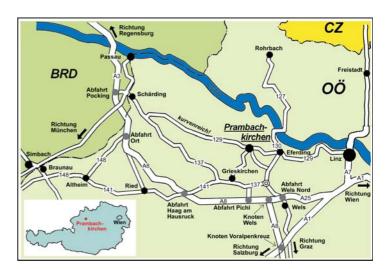


Through our free wood chip exchange system, we want to promote wood products from our area and so help sustain our farmers, our environment and our quality of life.

As a traditional family business, we attach a high priority to continuous further development, but also to continuity and reliability. Our wide range of machines are constantly being improved, and they are produced using the latest manufacturing methods. With a laser cutter and a 320 tonne 6-axle bending machine at our own works, we are largely self-sufficient, which is ideal for rapid and accurate production. By using the latest high-tech materials, we can guarantee that our chippers will have a long service life and retain their value as second-hand machines, even while their output is constantly increasing.

Good customer service and being able to supply spare parts rapidly and reliably are particularly important to us.

This is where we are based, in the heart of Upper Austria, where brushwood chipping is a way of life:



The Biber 2 series professional machines for horticulture



Technical data	Biber 2/12	Biber 2/14				
Chipping system	Disc wheel					
Feed chute	12 x 21 cm	14 x 21 cm				
No. of knives	2	3				
Chip length adjustment 0.5 - 1.5 cm	O (standard 1 cm)	•				
Electronic in-feed control incl. operating hours counter	0	0				
Power required via PTO shaft	from 15 to 40 kW (20 to 54 HP)					
Rotational speed of PTO shaft	540 to 1000 rpm					
Engine 17.7 kW (24 hp) Honda petrol engine	0	-				
Engine 25.7 kW (35 hp) Hatz diesel engine	-	0				
Dimensions L x W x H (m)*	Working position /	Transport position				
Three point hitch (standard)	2.15 x 1.32 x 2.37 /	2.15 x 1.32 x 1.58				
Biber 2/12 M	3.50 x 1.35 x 2.52 /	3.50 x 1.35 x 1.60				
Biber 2/14 M	3.40 x 1.79 x 2.40 /	3.40 x 1.79 x 2.06				
Weight three-point / travelling axle / engine approx.	510 / 650 / 800 kg	520 / 660 / 1350 kg				
*Depending on the fittings Standard model Optional extra available at extra cost						

Depending on the fittings

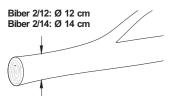
Optional extra available at extra cost

The Biber 2 series professional machines for horticulture



The right machine for every job:

Maximum wood diameter





The Biber 2 series is ideal for chopping offcuts from tree surgery, overgrown bushes, vines etc.

Impressive quality and performance

The outstanding features of this series include the large feed chute, a powerful in-feed system and fully hydraulic drive, with its own hydraulic system, independent of the towing vehicle, and the high centrifugal mass of the disc wheel, with specially designed impeller blades for a greater discharge range.

Safe and practical

The safety bar, with forward, reverse and emergency stop positions, makes the machines practical to use and ensures maximum safety during operation.

Electronic feed control

If the rotational speed of the chipping rotor falls, the control system switches the hydraulic feed off electronically, and then back on automatically when the normal rotational speed is reached again. This reduces the need for the operator to pay such close attention, while at the same time increasing throughput and protecting the towing vehicle. Recommended for the lower horse power tractors. (Optional extra)

Biber 2/12 and 2/14 with PTO drive Ideal in horticulture and agriculture, the sophisticated and practical design is the result of our many years of experience.

Biber 2/12 Motor

Ideal for gardens and parks with narrow access routes.
(Total machine width 1.35 m)
Because of its technical specifications, this little machine is very highly rated among professional operators.

Biber 2/14 Motor

High-performance wood chipper with Hatz Silent diesel engine.







The Biber 3 series for accurate chipping



Easy loading and powerful in-feed

These machines have their own hydraulic systems, independent of the towing vehicle, which allows for a powerful feed system through two horizontal rollers with sharp grip bars

Safe and reliable

The wide, ergonomically designed feed hopper makes your work easier. Safety switching bars on the sides and upper edge of the hopper make loading safe and reliable, even with unwieldy branches of shrubs and trees.

Electronic feed control

If the rotational speed of the chipping rotor falls, the control system switches the hydraulic feed off electronically, and then back on automatically when the normal rotational speed is reached again. This reduces the need for the operator to pay such

close attention, while at the same time increasing throughput and protecting the towing vehicle. Recommended for the lower horse power tractors. (Optional extra)

Accurate chipping

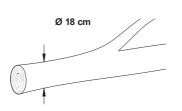
A removable screen made of special knifegrade steel guarantees accurate and uniform chipped material, ideal for using in automatic wood heating systems.

Ideal for landscape gardening and producing wood chips

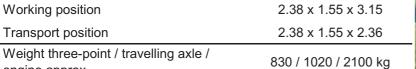
Smart-looking, uniform chippings are also ideal as ground cover in parks and garden areas. So Biber is the ideal machine for both landscape gardening and producing chippings.

The Biber 3 series for accurate chipping





Technical data	
Chipping system	Disc wheel
Feed chute	18 x 24 cm
No. of knives	3
Chip length adjustment	0.5 - 1.5 cm
Electronic feed control incl. operating hours counter	0
Power required via PTO shaft	from 30 to 80 kW (40 to 107 HP)
Rotational speed of PTO shaft	540 to 1000 rpm
Engine 38 kW (52 hp) Hatz Silent diesel	0
Dimensions L x W x H (m)*	Three point hitch (standard)



engine approx.

*Depending on the fittings

O Optional extra available at extra cost











The Biber 5 series sophisticated technology

Biber 5 - from accurate fine wood particles to coarser wood chips

The specially designed chipping rotors of the Biber 5 series mean that, depending on the model, the chip length can be accurately adjusted from 0.5 to about 12 cm.







The system of vertical feed rollers and the angle of the knives make for energy-saving chopping performance, even at maximum branch diameter.

Continuous working is guaranteed by the patented parallel guides between the movable feed rollers and the knife wheel – no risk of the ends of branches getting stuck.



Your work is made easier by the large, low and user-friendly feed chute, with safety bars on the sides and upper edge of the chute, in compliance with the latest safety regulations, to ensure safe and reliable loading, even of unwieldy shrubs and branches.



Specially designed discharge impellers mean the wood chips can be thrown out further.

Sharp knives at all times! You can sharpen

them at any time while you're out at work, thanks to the sharpener fitted as standard to the machine.



The right machine for every job

Biber 5 K: Short chipper for producing accurately sized chippings for automatic wood heating systems or for composting. Adjustable chip length from 0.5 to 2.5 cm.

Biber 5 KL: Combined short and long chipper, easy to switch from shreds to chips. Variable chip length from 0.5 to 12 cm.

Biber 5 L: Long chipper for producing industrial and other long chips. Chip length up to 12 cm.

Biber 5 Motor: Driven by mounted Hatz Silent diesel engine. Adjustable chip length from 0.5 to 2.5 cm.



The Biber 5 series sophisticated technology





Maximum wood diameter Short chipping: Ø 24 cm Long chipping: Ø 15 cm

Sophisticated Technology Leaders in wood chipping technology for over 2 decades

Technical data	Biber 5 KL	Biber 5 K	Biber 5 L		
Chipping system	Disc wheel Disc wheel		Disc wheel		
Feed chute	24 x 24 cm	24 x 24 cm	24 x 24 cm		
No. of knives	2	4 (2)	2		
Chip length	0.5 - 2.5 cm accurate up to 12 cm coarse chips	0.5 cm to 2.5 cm	up to 12 cm coarse chips		
Electronic feed control incl. operating hours counter	0	0	-		
Power required via PTO shaft	from 35 to 80 kW (47 to 107 HP)	from 35 to 80 kW (47 to 107 HP)	From 35 to 80 kW (47 to 107 HP)		
Rotational speed of PTO shaft	540 to 1000 rpm	540 to 1000 rpm	540 to 1000 rpm		
Engine 51 kW (70 hp) Hatz Silent diesel	-	0	-		
Dimensions L x W x H (m)*	Working position / Transport position				
Travelling axis (standard)	3.70 x 2.40 x 3.30 / 3.70 x 2.15 x 2.55				
Three point hitch	2.65 x 2.40 x 3.20 / 2.65 x 2.15 x 2.45				
Weight travelling axle / three-point / engine approx.	1550 / 1450 / -	1450 / 1350 / 2450	1450 / - / -		

The Biber 7 and Biber 7 plus series



Sophisticated technology – high-performance and smooth running

The high centrifugal mass of the Eschlböck chipping drum, with its 8 knives offset in pairs, guarantees smooth running and a relatively low power requirement. The electronic feed control that comes as standard enables you to work continuously, even with a small towing vehicle, and increases throughput. The powerful hydraulic system (on the Biber 7 plus extra power comes as standard) and the robust V-belt transmission make for a powerful infeed system. In addition to the sturdy knife arrangement, there are also other quick-change blades available for chopping soft wood and shrub chippings.

Anti-foreign body shear pin safety device

Foreign bodies that have been forgotten in the stored timber, such as tools, can easily be overlooked when loading by crane, and can finish up in the wood chipper. Thanks to the new patented anti-foreign body shear pin safety device on the knife mounting, minor damage can often be avoided or at least reduced and the cost of repairs cut.

Big feed opening and chain belt in-feed

The chain belt in-feed makes it easy to load anything from whole trees to short logs and bark. The new and conveniently large feed hopper is fitted with state-of-the-art safety devices.

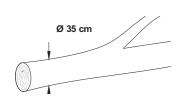
Biber 7 plus – safety devices for loading by hand or crane

Without having to dismantle anything, the manual safety switching bar is protected simply by putting the crane extension hopper in position. When loading by crane, all functions can be conveniently controlled by wired remote control from the towing vehicle. Biber 7 plus offers the convenience of the big machines.



The Biber 7 and Biber 7 plus series





With interchangeable screens for accurate chip sizes

Having interchangeable screens means that different chip sizes can be accurately produced in accordance with Austrian standard 7133 and EN 14961. The two feed screws and the powerful blower give the wood chips a greater discharge range.

*Depending on the fittings



Biber 7 plus with crane

Technical data	Biber 7 Biber 7 plu			
Chipping system	Drum chipper			
Feed chute	35 x 56 cm			
Chain belt in-feed	3.0	3 m		
No. of knives	;	8		
Interchangeable screens for chip lengths of	2, 3 or 4 cm			
Electronic feed control incl. operating hours counter	•	•		
V-belt transmission	SPB	SPC		
Power requirement via PTO shaft	from 44 to 100 kW (59 to 134 HP)	from 44 to 125 kW (59 to 166 HP)		
Rotational speed of PTO shaft	1000 rpm			
Travelling axis 10 (25) km/h	•	•		
Travelling axis 80 km/h, compressed air braking	-	0		
Reinforced hydraulic drive	0	•		
Wired remote control	-	•		
Loading crane Kronos 4000	-	0		
Dimensions L x W x H (m)*				
Working position	3.75 x 2.93 x 3.50	5.00 x 3.35 x 4.00		
Transport position	3.75 x 2.43 x 2.80	5.00 x 2.55 x 3.20		
Weight approx.	from 3150 kg	from 5000 kg		

Standard version

Optional extra available at extra cost



Sophisticated, robust chipping drum



Biber 7 plus



7 plus with crane loading

The Biber 70 series for crane loading









The Biber 70 range was specially developed to meet practical requirements when crane loading. It is important to have a robust, aggressive feed system, with 2 rollers at the top and a chain belt at the bottom, for easy and effective loading, whether of branches or bushier material.

Rapid and robust

A robust and smooth-running chipping system with a shear pin safety device to protect against foreign bodies, and the option of quick-change blades – these are the special features of this range.

Accurate chip sizes

Interchangeable screens mean that various different chip sizes can be accurately produced, in compliance with Austrian standard 7133 and EN 14961.

Powerful blower and wide discharge range

A powerful blower, with easily replaceable parts, give these machines big discharge ranges and make them economical even when processing large quantities.

Compact and powered by towing vehicle

The Biber 70 Z and ZK models come with a short chain belt in-feed, and the Biber 70 ZZ and ZZK with a long, two-part one. When side-loading, these machines are very versatile and compact.

Swinging drawbar to offset machine and easy loading

The long chain belt in-feed makes loading materials easy with the Biber 70 S and Biber 70 SDK. The swinging drawbar to off set machine means that the machine can be loaded from the left or right.

Various connection methods

The Biber 70 RM is mounted on a frame and can be fitted on to any carrier vehicle (lorry, logging trailer, tracked vehicles).

The Biber 70 series for crane loading



Biber 70 Z



Technical data	70 Z/ZK	70 ZZ / ZZK	70S	70 SDK	70 RM	
Feed chute	40 x 84 cm	40 x 84 cm	40 x 84 cm	40 x 84 cm	40 x 84 cm	
No. of knives	12	12	12	12	12	
Chain belt in-feed	0.8 m	0.6 + 1.4 m	2.8 m	2.8 m	2.8 m	
Hydr. hinged in-feed hopper	•	•	-	-	-	
Hinged wood hopper	-	-	0	0	0	
Power requirement via PTO shaft	110-220 kW (147 to 295 HP)	7 110-220 kW (147 to 295 HP)	-	-	-	
Rotational speed of PTO shaft	1000 rpm	1000 rpm	-	-	-	
Power required from engine	-	-	199kW (267 HP)	199 kW (267 HP)	199 kW (267 HP)	
Hydraulic swinging drawbar	-	-	•	• 🤙	-	
Turntable	-	-	-	•	0	
Loading crane	-/ •	-/ •	-	•	-	
Spaltbiber	0	0	0	0	0	
Dimensions L x W x H (m)*	4.7 x 2.5 x 3.2	4.9 x 2.5 x 3.3	8.6 x 2.5 x 3.1	9.2 x 2.5 x 3.8	6.1 x 2.5 x 2.5	
Weight approx.	7500 / 10500	8500 / 11500	11500	16000	10000	
*Depending on the fittings	Standard version	Optional extr	Optional extra available at extra cost			

The Biber 80 series high-performance and efficient



Biber 80 RBZ with Spaltbiber

Technical data	80 Z/ZK	80 ZZ / ZZK	80S	80 SDK	80 RM	80 RBZ
Feed chute	55 x 98 cm	55 x 98 cm	55 x 98 cm	55 x 98 cm	55 x 98 cm	55 x 98 cm
No. of knives	14	14	14	14	14	14
Chain belt in-feed	0.7 m	0.7 + 1.4 m	3.5 m	2.7 m	3.5 / 2.7 m	0.7 m
Hydr. hinged in-feed hopper	•	•	-	-	-	•
Hinged wood hopper	-	-	0	0	0	-
Power requirement via PTO shaft	130-270 kW (174 to 362 HP)	130-270 kW (174 to 362 HP)	-	-	-	-
Rotational speed of PTO shaft	1000 rpm	1000 rpm	-	-	-	-
Power required from engine	-	-	330 kW (442 HP)	330 kW (442 HP)	330 kW (442 HP)	HGV 353kW (473 HP)
Hydraulic swinging drawbar	-	-	•	•	-	-
Turntable	-	-	-	•	0	-
Loading crane	-/ •	-/ •	-	•	-	•
Spaltbiber	0	0	0	0	0	0
Dimensions L x W x H (m)*	5.4 x 2.5 x 3.5	5.4 x 2.8 x 3.7	9.7 x 2.5 x 3.4	9.4 x 2.5 x 3.8	6.9 x 2.5 x 2.5	7.6 x 2.5 x 4.0
Weight approx.	8600 / 11600	9600 / 13000	13400	18000	11000	24000
*Depending on the fittings	Standard version	on Optiona	l extra available	at extra cost		

The Biber 80 series high-performance and efficient



Chipping and splitting

The Biber 80 is one of the most powerful heavy-duty chippers on the market. It can handle wood of all types up to 55 cm in diameter, and above that the Spaltbiber can be used. Oversized logs can be split lengthways without shortening and fed into the chipper directly in a single process for processing into chips. No logs left over now!

Superior chipping technology

What is it that distinguishes the Biber 80? Unparalleled efficiency, very high guaranteed hourly throughput rates, longevity and high resale value, an easy-to-service design with easily replaceable parts, a smooth-running, energy-saving chipper unit with patented foreign-body blade protection and accurate chip sizes - all based on over 2 decades of experience. Many of these machines have already been in constant use for over 10,000 operating hours, an indication of the high quality of the manufacturing.

The right choice for every job

Biber 80 Z, Biber 80 ZZ, Biber 80 ZK and Biber 80 ZZK: Compact, power-packed machines driven via the PTO shaft, loaded from the side, ideal for clearing material from roadside (with optional clearing system), or out in the forest. With additional belt in-feed (models ZZ, ZZK), easy loading, especially for short logs and shrubs.

Biber 80 S and Biber 80 SDK: The long chain belt in-feed makes it easy to load materials by crane or loader and achieve high throughput rates. With the swinging drawbar the turning circle is small and loading from right or left is possible.

Biber 80 RM: This chipper frame, consisting of chipper and engine, can be fitted to any carrier vehicle (lorry, logging trailer, tracked vehicle), in a fixed or rotating position.

Biber 80 RBZ: Combines user-friendliness and efficiency. The secret of the design is in the detail: the chipper is driven directly by the lorry engine, so the operator works in comfort from the air-conditioned and perfectly adapted cab of the lorry. All the controls for the chipper and crane are incorporated in the armrests of the rotating driver's seat. The wide reach of the loading crane and the addition of the Spaltbiber for oversized logs give this assembly the performance and economy to beat all others.











Biber 82 – the new generation of chippers with even better performance

Fine or coarse chips

The chipper drum is designed to be smooth running and particularly energy-saving. With its robust knives or alternatively a system of blades, depending on how you set them and the size of the screen, you can produce either accurately sized wood particles or coarser chips for industry.

Protection from foreign bodies

The patented blade fixing system can prevent or significantly reduce the damage that can be caused by foreign bodies in the machine.

Faster throughput, better chip quality

Having two screens increases the area of the screen to 1.52 m². This large screen area speeds up the flow of materials after chipping, increasing the volume of chips that can be produced. The reduced friction also cuts down the volume of very fine particles, giving you better chip quality.

Smooth discharge

The large blower with a diameter of 1.54 m suffers less wear and tear and ensures that the discharge range is greater and the chipped material is ejected more smoothly.



Accurate stream of chips

The 5.20 m high discharge chute for the chips is ideal for directly filling even high trailers or containers. It is hydraulically height-adjustable within a range from 2.6 m to 5.2 m. By using the flap above the stream, it can even be directed upwards or downwards to ensure that every corner of the container is filled.

Clean chipping area

The Biber 82 Z, ZK and RBZ models come with a clear-up system under the in-feed hopper as standard. This means you can leave the chipping site without first having to do time-consuming clear-up work, and you can work on busy roads.



Biber 82 RBZ: high mobility, ideal for the trickiest jobs



Convenient to operate, low wear and tear, easy maintenance

Because the in-feed belt on the Z, ZK and RBZ models is divided into two parts, no pieces of wood can become jammed when the in-feed hopper is folded up or taken apart, and the in-feed deck does not have to be specially cleared by hand before starting and finishing work. The hydraulic latching of the in-feed hopper that comes as standard saves the operator having to leave his seat and operate it manually and, in the end, saves working time.



Biber 82 – the new generation of chippers with even better performance





82 Z/ZK	82S	82 SDK	82 RM	82 RBZ
55 cm	55 cm	55 cm	55 cm	55 cm
45 cm	45 cm	45 cm	45 cm	45 cm
98 cm	98 cm	98 cm	98 cm	98 cm
8 or 16	8 or 16	8 or 16	8 or 16	8 or 16
0.8 m + 1.4 m	3.5 m	2.7 m	3.5 / 2.7 m	0.8 m + 1.4 m
130-270 kW (174 to 362 HP)	-	-	-	-
1000 rpm	-	-	-	-
-	330 kW (442 HP)	330 kW (442 HP)	330 kW (442 HP)	HGV 353 kW (473 HP)
-	•	•	-	-
-	-	•	0	-
-/•	-	•	-	•
0	0	0	0	0
5.9 x 2.9 x 3.7	9.9 x 2.5 x 3.4	9.6 x 2.5 x 3.8	7.1 x 2.5 x 2.5	8.3 x 2.9 x 4.0
10000 / 13800	14000	18500	11500	25000
	55 cm 45 cm 98 cm 8 or 16 0.8 m + 1.4 m 130-270 kW (174 to 362 HP) 1000 rpm - - - - - - - 5.9 x 2.9 x 3.7	55 cm 55 cm 45 cm 45 cm 98 cm 98 cm 8 or 16 8 or 16 0.8 m + 1.4 m 3.5 m 130-270 kW (174 to 362 HP) 1000 rpm - - 330 kW (442 HP) / ● 5.9 x 2.9 x 3.7 9.9 x 2.5 x 3.4	55 cm 55 cm 55 cm 45 cm 45 cm 45 cm 98 cm 98 cm 98 cm 8 or 16 8 or 16 8 or 16 0.8 m + 1.4 m 3.5 m 2.7 m 130-270 kW (174 to 362 HP) - 330 kW (442 HP) - 4 (442 HP) - 5 - 6 - 7 - 6 - 7 - 6 - 7 - 6 - 7 - 7 - 6 - 7 - 7 - 6 - 7 - 7 - 7 - 6 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 -	55 cm 55 cm 55 cm 45 cm 45 cm 45 cm 98 cm 98 cm 98 cm 8 or 16 8 or 16 8 or 16 0.8 m + 1.4 m 3.5 m 2.7 m 130-270 kW (174 to 362 HP) - - 1000 rpm - - - 330 kW (442 HP) 330 kW (442 HP) - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

^{*}Depending on the fittings





Once you have seen the Spaltbiber in action, as a wood chipper you can always be secure in the knowledge that there will never be any logs left over.

The Spaltbiber works on an entirely new principle. It splits sideways. That means it can split any diameter of tree trunk easily and safely that the loading crane is able to fit in the splitter's tray. The loading crane can also be used to lift up the top, split section and so helps further in the splitting process.

No tree trunk is too thick!

Combining a Spaltbiber with your chipper makes wood chip production considerably more efficient: oversized logs can be split and wood continuously supplied to the chipper's feed chute to be made into chips, in a single process. Logs more than a metre in diameter are simply placed back in the semi-circular tray for splitting again. With the Spaltbiber, there'll be no logs left over.

Impressive performance guaranteed!

A Biber 80 RM with splitter and 330 kW power supply produced over 1000 m³ of finished chips in 8 hours from spruce trunks 90 cm thick and 4 m long.





18

Diameter of tray 1 m Splitting force at 180 bar 22 tonnes Weight approx. 900 kg Dimensions L x W x H (m): Working position 3.78 x 0.46 x 1.11



Technical data

Transport position folded 90° 2.53 x 1.94 x 1.11



Transport position folded 180°

2.33 x 0.68 x 1.11



Eschlböck Spaltbiber innovative log splitter









The splitter can also be supplied mounted on a logging trailer or on the 3-point linkage of the KRONOS 5000 crane or on a 3-point linkage for front or rear mounting on the towing vehicle. After splitting, the wood dries well, so that very high-quality chippings can be produced.













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