

## Vineyard and Orchard Shredders

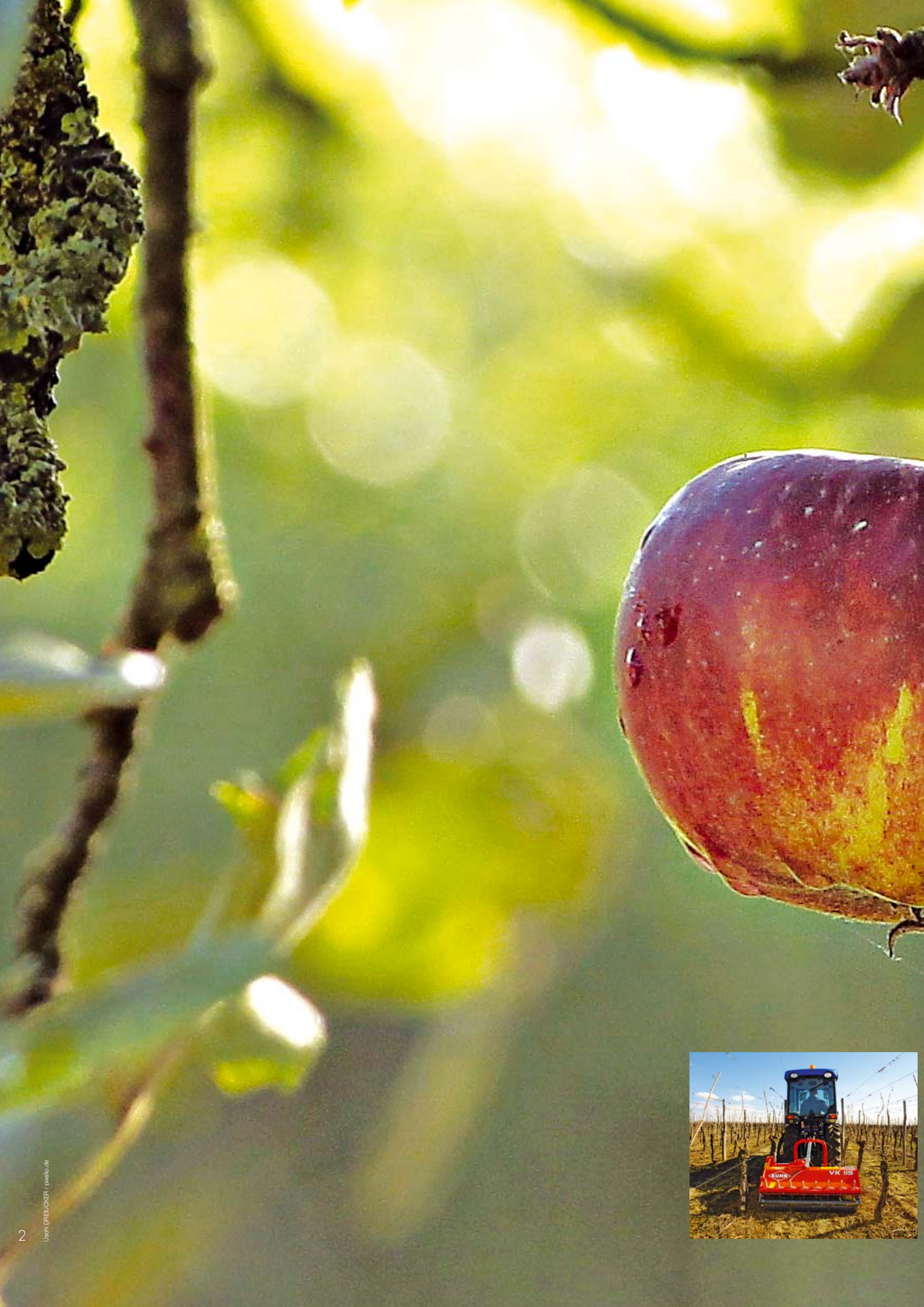
VK / VKD / BV 100 PRO  
TRP / TRP PRO REV / TRP RT / TRP CV  
SDS



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be strong, be **KUHN**



VK VKD BV 100 PRO TRP TRP PRO REV TRP RT TRP CV SDS

# FOR EACH USE A SHREDDER!

Requirements for shredders, intended for the maintenance and recovery of prunings and inter-row residues, differ according to the shredded material, intended use, prevailing conditions and operator demands. In the wide KUHN range of vineyard and orchard shredders you will find a model matching your needs.

## THREE CRITERIA FOR IMPECCABLE SHREDDING

A large diameter rotor, sufficient overlap between the tools and high linear tool speed: If these three features are combined, nothing stands in the way of superb shredding results. KUHN meets these criteria with its rotors, adding also heavy and aggressive shedding tools, which shred woody residues, but also grass, effectively to your satisfaction.

## The KUHN vineyard and orchard shredders in brief:

	Working width (m)	Main field of use
VK 95 - 155	0.96 / 1.15 / 1.34 / 1.53	standard series for vineyards and orchards with small widths
VKD 155 - 230	1.53 / 1.72 / 1.91 / 2.09 / 2.28	standard series for vineyards and orchards with large widths
BV 170 - 210 PRO	1.69 / 1.86 / 2.04	for shredding large branches or volumes (olive, walnut, orange...)
TRP 95 - 175	0.95 / 1.20 / 1.45 / 1.73	over-ground shredders equipped with pick-up for stony conditions
TRP PRO REV	1.73	for shredding thick, woody residues such as olive, citrus, almond,...
TRP RT	1.20 / 1.45 / 1.73	shredders equipped with bag for collecting shredded material
TRP CV	1.45 / 1.73	shredders equipped with chute for loading shredded material on a trailer
SDS 150-210	1.46 / 1.75 / 2.03	Side Delivery System (SDS) for depositing shredded grass on the row

Some models are not available in all countries. Please always check with your local dealer.





# WHY SHRED?

In vineyards and orchards, shredders have multiple areas of operation and agronomic benefits.

Adapted inter-row management is just as important as shredding prunings, which can moreover be recovered to serve as heating fuel.

Above all, fine shredding is the key:

- to accelerate decomposition and conversion into humus,
- to control certain pests, diseases and weeds.





### **Keep the plantations healthy**

Prunings are ideal environments for harmful pests and diseases. Shredding ensures healthy plantations, because the larger the contact surface of the organic matter is, the better and quicker the decomposition is done by the microorganisms. Thus, no time and space is left for harmful species to develop and the quality of wine and fruits is preserved.



### **Supporting the soil means supporting the plant**

A green grass cover between the rows is an important measure in vineyards and orchards to prevent erosion and to increase the soil's humus content. Fine shredding contributes in the way that it increases the surface area for the soil microorganisms to attack and transform the organic matter into humus. Strong points for high humus content:

- more nutrients available to feed the crop and increased soil fertility,
- improved soil structure and stability,
- increased biological activity.



### **Reducing the use of herbicides**

Shredding the inter-row grass cover is an important maintenance measure and effectively prevents weeds from spreading, when it is performed before they can develop their seeds. This mechanical weed control means reduced application rates of herbicides between the rows.

With the KUHN SDS range the shredded material can also be deposited as mulch along the row. This means an effective weed control not only between, but also in the rows.



### **Ensure water supply in dry periods**

Shredding is also a main measure to reduce water evaporation and protect the soil surface from direct irradiation during droughts. In this way the scarce water resources can be kept in the soil and therefore stay available for vines and trees.



### **Prunings are low-cost and sustainable energy sources**

They can be recovered, as soon as they are shredded, via easy-to-use harvesting systems. KUHN offers bags and chutes as collecting devices for the shredded prunings.

Afterwards they can serve, for example, as an economical heating fuel, sustainably produced on the farm and a renewable source, thus reducing CO<sub>2</sub> emissions.



KUHN

VINEYARD AND ORCHARD SHREDDERS



# SHREDDING QUALITY AND TECHNOLOGY AT ITS BEST



KUHN's vineyard and orchard shredders are developed based on two main challenges:

- robust machines for a long service life,
- high shredding quality, meaning complete and adapted shredding of prunings as well as maintaining the plantation inter-rows.

## KUHN ADVANTAGES FOR OPTIMAL SHREDDING

Concrete technical solutions are numerous and versatile as is the product range of our vineyard and orchard shredders. Each one is optimally adapted or adaptable to its intended use and prevailing conditions. But all of them feature common specifics for improved shredding work as well as more robust and reliable machines.



### Shredding quality

KUHN solution	Purpose
Helical tool layout*	less power absorbed and uniform mulching
Rotor speed and diameter	improved suction and maximum aggressivity
Tools	wide choice of tools for all residues
Counter blade*	improved shredding as section between tools and counter-blade is reduced
Collection rakes	lifts up residues and shoots that are pressed down to the ground

### Machine robustness

KUHN solution	Purpose
High resistance steel	ensured strength and stability
Linkage frame	extremely robust
Sheet metal lining*	increased resistance to wear and shocks
Number of belts	optimum power transmission

\*Depending on the model

VK

95

115

135

155

# THE IDEAL ALLY FOR WINE-GROWERS

VK shredders finely shred grass, vine shoots and prunings. Ideal for wine-growing, the VK models are available in working widths from 0.95 m/3'1" to 1.55 m/5'1". The versatility and practicality of KUHN's standard small width series in vineyards and also orchards will meet your requirements.







**FINE SHREDDING  
WITH HIGHLY EFFICIENT TOOLS!**

Used at very high speed, the forged steel heavy hammer knives weighing 1.2 kg shred clippings and vine shoots finely and cut grass impeccably. Recutting is carried out using three counter-knives, one notched and two straight ones.



**A GO  
ANYWHERE DESIGN**

A hood without protrusions, nor screw heads or sharp angles to catch on wires or low lying branches: The reduced hood height allows the VK shredder to slide under even the lowest wires without damaging the vines.

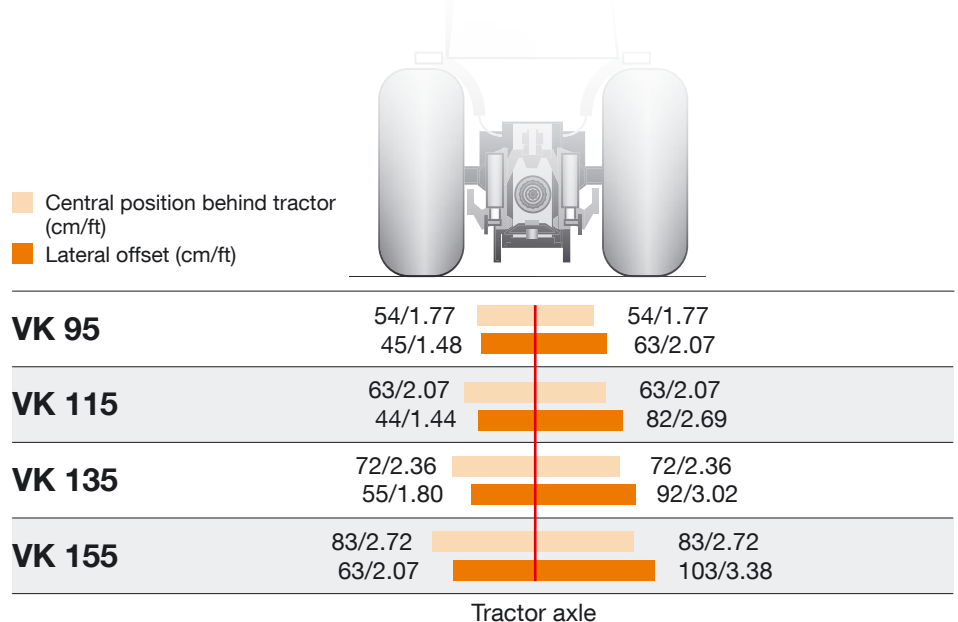


**ALL WOOD AND VINE SHOOTS  
ARE COLLECTED**

Available as an option, the rear collecting rake lifts up residues to be shredded and vine shoots that are pressed down to the ground. The roller guides the machine accurately and keeps it stable on uneven or damp ground. For greater machine stability, you can fit skids.



**CHOOSE THE RIGHT VK VINEYARD  
SHREDDER FOR YOUR ROW SPACING!**



Some models are not available in all countries. Please always check with your local dealer.

VKD 155 170 190 210 230

# THE SHREDDER YOU NEED IN ORCHARDS!

VKD shredders finely shred grass, vine shoots and prunings. VKD models are available in working widths from 1.55 m/5'1" to 2.30 m/7'7" in order to fit your row spacing precisely. The mechanical or hydraulic offset system by sliding tube is both compact and performing when having to work under trees.





**OFFSET FACILITATED BY A SLIDING TUBE**

VKD shredders are fitted with mechanically controlled offset (hydraulic as option) to allow work under trees and to adapting the working width to the tractor width. The centre of gravity of the machine remains close to the tractor thus forming a balanced tractor/machine unit and preventing lifting problems.



**PERFECTLY CONTROLLED HEIGHT**

Height is controlled via a roller or semi-pivoting wheels. The roller is fitted with removable ends as standard, so that you can carry out any necessary maintenance or repair quickly and easily at reduced costs. The big wheels' advantage: They permit that the machine doesn't have to be lifted at the end of the row.

**UNMATCHED SHREDDING QUALITY**

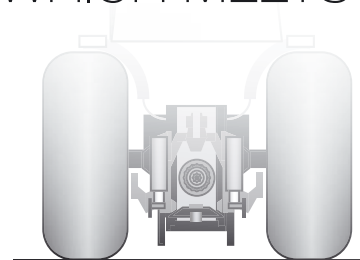
For incomparable shredding fineness, residues are recut by three counter-knives: two notched and one straight.

**FOR CLEAN ROW SPACING**

Cut the grass close to the trees with a mowing disc. This mechanical device moves round the trees for clean maintenance without damaging tree trunks or vine stocks. With its hydraulic work/transport positioning system, this tool is very comfortable to use.

**A RANGE OF VKD ORCHARD SHREDDERS WHICH MEETS ALL YOUR NEEDS!**

- Central position behind tractor (cm/ft)
- Lateral offset (cm/ft)



<b>VKD 155</b>	87/2.85 52/2.71	80/2.62 15/3.77
<b>VKD 170</b>	96/3.1 51/1.67	89/2.92 134/4.40
<b>VKD 190</b>	106/3.48 61/2	98/3.22 143/4.69
<b>VKD 210</b>	115/3.77 70/2.30	108/3.34 153/5.02
<b>VKD 230</b>	125/4.10 80/2.60	118/3.80 162/5.31

Tractor axle

BV 170 PRO 190 PRO 210 PRO

# THE ART OF SHREDDING ALSO THE THICKEST BRANCHES

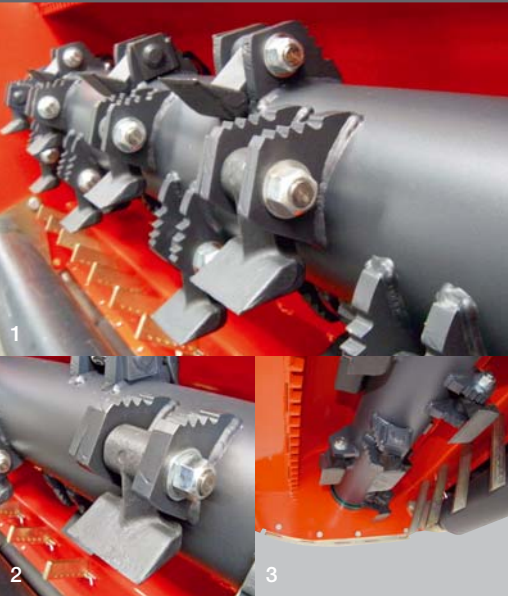


The BV 100 PRO models are designed to shred pruned wood in orchards. They are particularly adapted to work in high volumes of thick branches, such as olive, orange, and walnut trees.

As ideal working tools for specialized orchard farms, you will benefit from their perfect shredding quality. These aggressive shredders with an exclusive rotor design are available in working widths of 1,69, 1,86, and 2,04 (5'7", 6'1" and 6'8").

BV 100 PRO shredders cope with windrows of very large volumes.





## A ROTOR DESIGNED TO TEAR EVERYTHING INTO PIECES

The heavy-duty rotor of the BV 100 PRO shredders has a diameter of 457 mm and is driven by four belts.

Equipped with two notched counter-blades, very aggressive tool holders and heavy hammer knives (2), it is able to shred branches of up to 10 cm in diameter. Especially the toothed holders allow a uniform grab of the woody remains and keep them inside the chopping chamber until complete and fine shredding is achieved. In addition - when shredding large windrows or large-size prunings - the toothed holders act themselves as fixed blades.

The optional raking teeth (3) are essential to guide all branches into the casing. The helical tool arrangement (1) improves suction of all material into the rotor.

All this contributes to a fast, complete and high-quality shredding action.



### PRACTICAL HEIGHT CONTROL

The height is adjustable and controlled by skids and a roller. The latter is fitted with removable ends as standard, so that you can carry out any necessary maintenance or repair quickly and easily at reduced costs.

### IDEAL FOR WORKING UNDER LOW BRANCHES

Its low casing allows the BV 100 PRO shredders to pass under the branches of your trees without damaging them. Sliding mechanical offset is standard. As option a cylinder can be added to transform it into hydraulic offset.

*Some models are not available in all countries. Please always check with your local dealer.*

# HOW TO COPE WITH STONY WORKING CONDITIONS

These over-ground shredders shred vineyard and orchard prunings efficiently, also in difficult conditions, such as on bare soil. The TRP models are fitted with a pick-up, which carefully rakes all residues to be shredded into the casing, while keeping impurities such as stones out. Its robust design and components also contribute to a superior shredding performance. For very stony grounds, the pick-up can be fitted with collecting tines. The TRP models are available in four widths matching according inter-row spacings: 0.95 m/3'1", 1.20 m/3'10", 1.45 m/4'8" and 1.73 m/5'8".

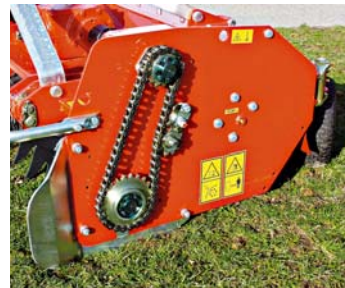


## RESISTENT - ROBUST - RELIABLE



### A ROBUST DESIGN

- The machine's frame is very rigid, owing to the use of thick sections.
- The lower part of the shredder is consolidated to withstand impact with the ground or stones.
- A sheet metal lining is welded to the shredder casing.



### A DRIVE THAT NEVER FALTERS

The oversized drive chain can withstand heavy stress, particularly under difficult conditions. There are two pick-up drive versions available: The mechanical comes with a torque limiter that protects all components (friction limiter on TRP 120/145/175). The hydraulic drive is fitted with an oil flow adjustment valve.



### A GEARBOX DESIGNED TO LAST

Two reliable gearbox versions are available on TRP shredders:

- gearbox with two output shafts (1x for the rotor, 1x for the pick-up) on mechanical version,
- gearbox with one output for the rotor on hydraulic version.

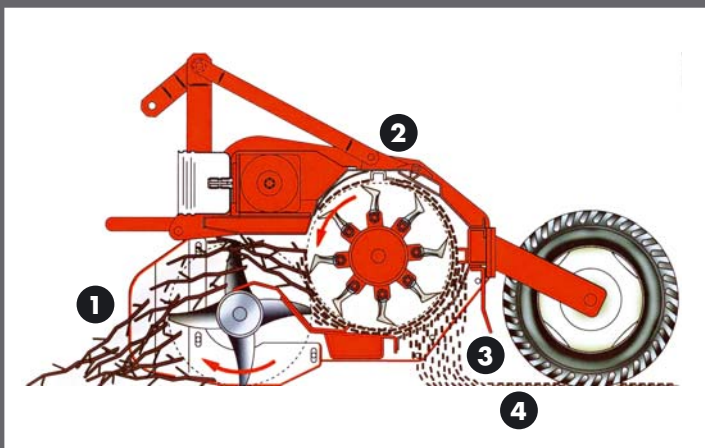


### ENSURING FINE VINE SHOOT SHREDDING

A grid with holes of 35 mm diameter ensures very fine and uniform shredding, as the shredded material can really only pass, when it has reached an according size.



## DESIGNED FOR EXEMPLARY AGRONOMIC RESULTS



1. No shoots are left on the ground. The pick-up rakes the residues effectively into the casing.
2. Residues are shredded inside the reinforced chamber.
3. Residues are ejected when they can pass through a calibrated grid. Result: evenly shredded residues of small size.
4. Even distribution of the shredded residues over the working width contributes to their decomposition.



### EASIER ACCESS

The opening rear hood enables you to change the shredding tools easily. Therefore, you can make quick progress to maintain a high output.



### COPING WITH STONY SITUATIONS

In flat grassy fields, the height is adjusted by a roller: the machine remains stable when passing over ruts. In stony ground, fixed or semi-pivoting wheels absorb the shocks of uneven ground.



### REDUCE WEAR IN STONY CONDITIONS

In very stony ground, the pick-up can be fitted with collecting tines. It is held off the ground to avoid collecting stones. For a more precise use, the tines are adjustable in height.

# THE WOOD CRUSHER

The TRP 175 PRO REV is up to the task in the most challenging waste shredding conditions, ensuring quality shredding in a variety of woody crops, such as from olive, orange, citrus and almond trees, as well as thick residues. Fruit growers thus have the possibility to shred large volumes of residues as well as thick branches at high speed and without damage to the underside of the tractor.

The shredder can be mounted at the front or at the rear and can be used as well with reverse drive-station tractors.

## A ROBUST TOOL TO SHRED ALSO LARGE BRANCHES



This rotor (457 mm Ø) is unique: equipped with 1.65 kg heavy hammer knives, which are mounted with 25 mm pins, it can reach a speed of 3100 min<sup>-1</sup>.

A special feature are the toothed heavy hammer knife holders that are welded on the rotor tube in a helical arrangement. These holders allow uniform grab of the woody remains and keep them inside the chopping chamber until complete and fine shredding is achieved. In addition - when shredding large windrows or large-size prunings - the toothed holders act themselves as fixed blades.

Therefore it is possible to obtain a fine shredding result of large windrows in a single pass at high working speed.

Three counter-knives contribute to high-quality work results.



### A HIGH CAPACITY TOOL

The shredder with a large-volume casing is fitted with a hydraulically driven pick-up with adjustable speed, which promotes good collection, even on stony ground and at high speed. The two rear grids made of high strength Domex steel with 60 mm holes, ensure for very fine shredding. The upper sieve is hinge-mounted so it can easily be opened for access to the rotor.





### A FLEXIBLE HEADSTOCK

Thanks to the shredder's central gearbox with integrated double free wheel, the reversible head can operate with the machine attached to the rear arms of the tractor, to the front three-point linkage or in reverse.



### A PERFORMING FRONT HOOD

As standard the front hood comes as fixed version. As optional equipment, a hydraulically adjustable front roller can be fitted on the hood that can adapt to the volume of the residues. Be sure: it gets the job done faster!



**The TRP 175 PRO also leaves the most voluminous residues and thick branches finely shredded.**

# EXPORT THE PRUNINGS IN BULK

The TRP CV models are equipped with a chute for collecting the shredded residues in bulk and loading it onto a trailer. Recovering them means that the entire vine plant can be used, the shredded shoots for example for heating purposes or compost.



## A CHUTE FOR EVERY SITUATION

Depending on how you can position the trailer, the chute can be directed:

- to the back,
- 90° left/right.

To control the flow of material easily, the chute cap can be adjusted hydraulically.

## INCREASED VISIBILITY

The chute is foldable for road transport.

## VINE SHOOTS: GREEN ENERGY!

Shredding and collecting vine shoots has many advantages:

- It is an economical energy source. The shoots are produced on the farm and can be used as heating fuel.
- Using this source rather than heating oil or electricity considerably reduces CO<sub>2</sub> emissions.
- Collecting vine shoots helps reduce wood diseases.

TRP

120 RT

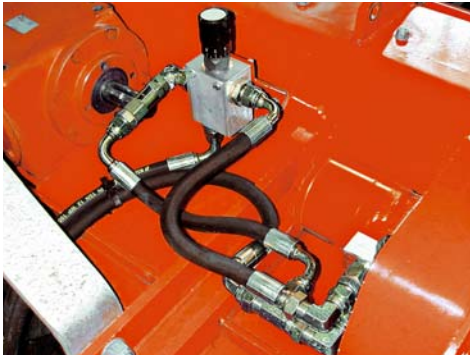
145 RT

175 RT

# SHRED AND COLLECT PRUNINGS

Designed for recovering woody residues in vineyards and orchards, the TRP RT is an overground shredder equipped with a specific nylon bag with a capacity of 800 litres. The patented bag material is perforated to limit fermentation.

A practical advantage: The shredded residues can be stored directly in the bag to dry for example for energy purposes.



## AN ADAPTABLE PICK-UP

As standard, the TRP CV and RT are fitted with a hydraulic pick-up drive. This system enables:

- adjustment of the pickup rotation speed,
- reversing the pickup rotation direction if a problem occurs.



## CONTROLLED HEIGHT

Two height control devices are available:

- rigid side wheels,
- a roller, 180 mm in diameter, with removable ends.



## EASIER HANDLING WITH THE TELESCOPIC MAST

With the TRP RT, the user can

- either lower the filled bag to the ground,
- or load it directly onto a trailer.



## SHREDDING OF EXCEPTIONAL QUALITY

The shredded material must be uniform in size for optimal boiler supply. A rotor with eight rows of heavy hammer knives working at high speed and a shredding box equipped with four counter blades contribute to a high shredding performance of both TRP CV and TRP RT series.

# MAKING SHREDDED GRASS USEFUL

The SDS (Side Delivery System) range has been developed to shred grassy areas in plantations and deliver the shredded grass as mulch on the row. This enables you to control grass growth on the row mechanically, to provide organic matter for the plants and preserve humidity at root level. The use of mulch as an alternative to weeding reduces the application rates of phytosanitary products in vineyards and orchards.





## 1. SHRED VINE SHOOTS EASILY

If required, the delivery system can easily be removed from the shredder which has only seven screws. After removal, the rear shredder hood is closed to ensure work takes place in total safety.

## 2. AN OPTIMIZED SHREDDING CASING

To work in vineyards and orchards, the casing is fitted with two counter-blades. Combined with the heavy hammer knives fitted to the rotor, they are especially efficient in reshredding grass and vine shoots to avoid any jamming of the transfer wormscrew.



## DELIVERY ADAPTED TO EACH PLANTATION



### A UNIQUE DELIVERY SYSTEM

Side delivery is provided by a single pitch or double pitch wormscrew driven by a hydraulic motor directly connected to the tractor outlet.

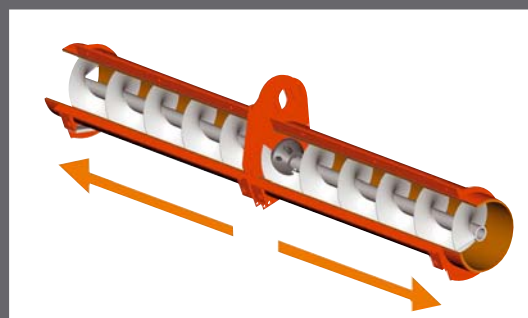
The wormscrew rotation speed is adjustable to adapt to working conditions according to the quantity of grass and forward speed.



### FOR ORCHARDS: SINGLE SIDE DELIVERY

This is the ideal solution for large plantations such as orchards. The SDS with single side delivery lets you work back and forth between each row.

All SDS with single side delivery have an offset attachment equipped with hydraulic side shift for delivering the mulched product closer to the plants.



### FOR VINES: DELIVERY ON TWO SIDES

Suitable for vines from 2.25 m/7'5" to 3.00 m/9'10", the SDS with two side delivery is used to shred and deliver grass to the row in a single pass.

In this version, the machine's attachment is rigid and central.

*Some models are not available in all countries. Please always check with your local dealer.*

## Technical specifications

	VK				VKD				
	95	115	135	155	155	170	190	210	230
Working width (m/ft)	0.96/ 3.15	1.15/ 3.77	1.34/ 4.40	1.53/5.01		1.72/ 5.64	1.91/ 6.27	2.09/ 6.86	2.28/ 7.48
Overall width (m/ft)	1.07/ 3.54	1.26/ 4.13	1.47/ 4.80	1.66/5.45		1.85/ 6.07	2.04/ 6.69	2.23/ 7.31	2.42/ 7.94
Min. tractor power requirement (kW/hp)	26 / 35	29 / 40	33 / 45	37 / 50		44 / 60	48 / 65	51 / 70	55 / 75
Max. authorized DIN motor power at 1,000 min <sup>-1</sup> (kW/hp)	51 / 70				74 / 100				
Lateral offset (cm/ft)	9.50 / 3.74	20 / 7.87			36 / 14.17	45 / 17.72			
Height adjustment	by roller				by roller with removable ends or semi-pivoting wheels				
Type of tools									
Number of tools	10	12	14	16		18	20	22	24
Rotor speed (min <sup>-1</sup> )	2,218				2,325				
Free wheel									
Number of belts	2			3					
Outer rotor diameter (mm/in)	398/15.7				423/16.7				
Bag volume (l)	-								
Max. bag load (kg/lbs)	-								
Weight with equipment (kg/lbs)	290/638	330/726	365/803	400/ 880	510/ 1,122	560/ 1,232	600/ 1,320	640/ 1,408	715/ 1,576

\*At a rotation speed of 1,000 min<sup>-1</sup>.

## KUHN SERVICES\*

\*Not all services and equipment are available in every country.

## MAXIMIZE THE USE AND PRODUCTIVITY OF YOUR KUHN EQUIPMENT

### KUHN sos order

#### Express spare parts service 24/7

You urgently need spare parts? With KUHN sos order benefit from express delivery seven days a week, 365 days a year. Thus, you can minimize machine downtime considerably and increase your work output.

### KUHN protect +

#### The choice of professionals!

Benefit from 36 months in complete serenity because of KUHN's protect + warranty. You can concentrate exclusively on your work and the performance of your machine. Because this is what you expect, when investing in high-tech machinery.

### KUHN i tech

#### For ever quicker repairs!

An unexpected technical problem always occurs at the wrong time. Your KUHN dealer can support you quickly and efficiently thanks to KUHN i tech. With this 24/7 online service, a quick and exact diagnosis is possible.

### KUHN finance

#### Invest rationally!

New machine necessary, financing unsure? Modernize your equipment and develop your farm with KUHN finance, in total safety and according to your needs and demands. We offer custom-made finance solutions, adapted to your requirements.

Vineyard and Orchard Shredders

BV			TRP				TRP PRO REV	TRP RT / TRP CV			SDS		
170 PRO	190 PRO	210 PRO	95	120	145	175	175	120 RT	145 RT/CV	175 RT/CV	150	180	210
1.68/5.55	1.86/6.1	2.04/6.6	0.95/3.97	1.20/3.94	1.45/4.76	1.73/5.68		1.20/3.94	1.45/4.76	1.73/5.68	1.46/4.79	1.75/5.74	2.03/6.66
1.95/6.4	2.13/6.11	2.31/7.5	1.21/3.97	1.46/4.79	1.72/5.64	2.00/6.56		1.65/5.41	1.90/6.23	2.18/7.15	1.75/5.74	2.03/6.66	2.32/7.61
55 / 75	59 / 80	63 / 85	44 / 60	51 / 70	59 / 80	66 / 90		51 / 70	59 / 80	66 / 90	29 / 40		
96 / 130			88 / 120				110 / 150	88 / 120	96 / 130			70 / 95	
											single side deposit on the right: 37/1'3"		
by roller with removable ends			by roller with removable ends, rigid or semi-pivoting wheels				by rigid wheels or roller				by roller		
heavy hammer knives													
20	22	24	12	16	20	24	24	16	20	24	20	24	28
1,974			2,188				3,100	2,600/3,250*			2,207		
integrated in main gearbox													
4			3		4	5	4 (Powerband)	3	4	5	3		
457/17.99			467/1.53				457/17.99	465/1.53			413/1.35	420/1.38	
								750 (RT only)			-		
								500/1,102 (RT only)			-		
830/1,830	880/1,940	920/2,028	625/1,377	790/1,741	950/2,094	1,075/2,370	1,150/2,535	1,070/2,359	1,200/2,645 - 1,000/2,204	1,300/2,866 - 1,100/2,425	470/1,036 - 450/992	530/1,168 - 515/1,135	595/1,311 - 565/1,245



be strong, be **KUHN**

## KUHN PARTS

DESIGNED AND MANUFACTURED TO RIVAL TIME



KUHN foundries and forge as well as a high-level manufacturing process allow the production of spare parts to defy time. You can truly rely on our know-how and our genuine parts. Farmers benefit from our client support and logistics services via any KUHN PARTS warehouse, which provide quick and reliable repair solutions in cooperation with your nearest authorized KUHN dealer.



Some models are not available in all countries. Please always check with your local dealer.

# FOR EACH USE A SHREDDER!

	Series	Type of linkage		Wood			Grass		Min. tractor power requirement (hp)*
		Front	Rear	Vine shoots 0 < 5 cm	Cut wood 0 < 8 cm	Cut wood 0 < 10 cm	Cut wood 0 < 12 cm	inter-row vines/ orchards	
Vineyards and orchards	VK		✓	✓				✓	35 - 50
	VKD		✓		✓			✓	50 - 75
	BV 100 PRO		✓			✓		✓	75 - 85
	TRP		✓			✓			60 - 90
	TRP PRO REV	✓	✓				✓		90
Other uses (biomass, bioenergy...)	TRP RT / TRP CV		✓			✓			70 - 90
	SDS		✓					✓	40

\*Depending on volume and type of residues as well as on the different models.

## Check out the whole KUHN shredder range!



1. Landscape maintenance shredders
2. Offset arm verge shredders
3. Professional-duty roadside mowers
4. Multipurpose shredders
5. Field shredders
6. Shredders for energy crop harvest

For more information about your nearest  
KUHN dealer, visit our website  
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on our YouTube-channel KUHN machines.

www.kuhn.com

Your KUHN dealer

**KUHN S.A.**  
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F-67706 Saverne CEDEX - FRANCE

**KUHN NORTH AMERICA, INC.**  
1501 West Seventh Avenue – P.O BOX 0167 - Brodhead,  
WI 53520 - USA

**KUHN FARM MACHINERY PTY. LTD**  
313-325 Foleys Road - Deer Park, VIC, 3023 - AUSTRALIA

**KUHN FARM MACHINERY (U.K.) LTD**  
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