

**Rotary Tedders  
8000 Series**



# **Efficient and Gentle Spreading**









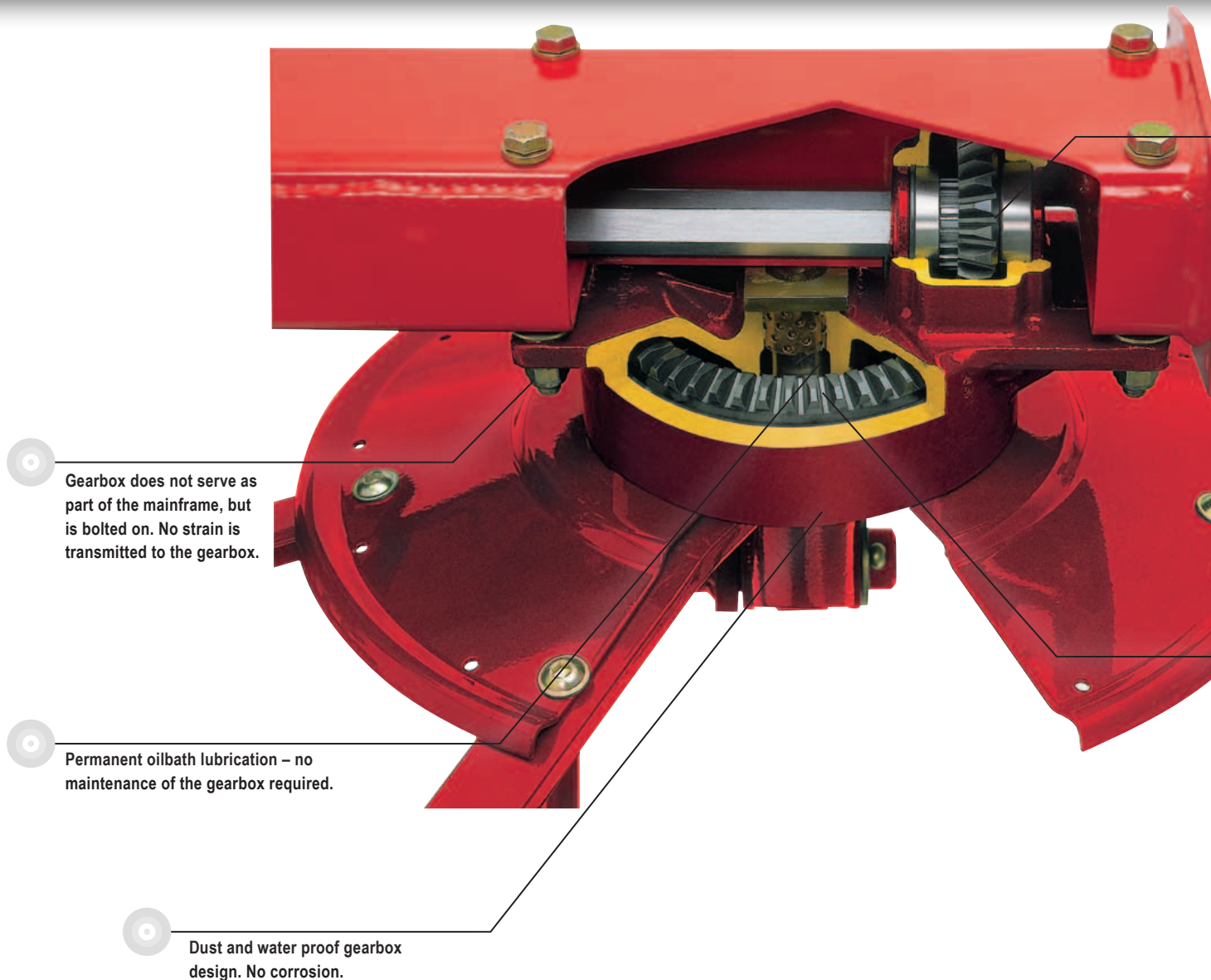


# **The Right Tedder for Every Farm Size**



ProLine

## Solid Design - Maintenance-Free Operation



### A Strong Reliable Heart

Kverneland ProLine tedders feature a uniquely designed self-contained rotor gearbox. The ProLine gearbox requires no maintenance, and is situated in an enclosed oilbath, set up to ensure permanent lubrication. No service or maintenance of the ProLine gearbox is needed.

The gearboxes do not serve as part of the frame, but are bolted onto the fully welded mainframe. This ensures that no load and strain from frame or tine arm vibrations will be transmitted by the gearbox, adding to significantly longer lifetime.

The ProLine gearboxes feature reliable crown and pinion drives positioned in one housing. The main crown wheel in each gearbox is mounted directly to the casing by means of double bearing. The double bearings on both sides of the hexagonal drive shaft keeps the shaft securely in place, even when operating in heavy duty wet crop.



Double bearing on both sides of the drive shaft for highest durability to withstand the most severe conditions.

Double universal joints give smooth and efficient transfer of power.

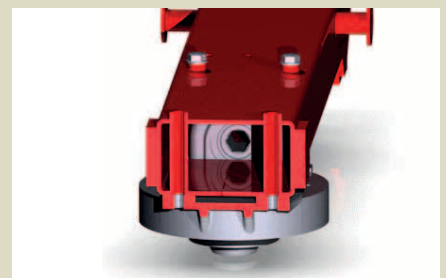
Box shaped mainframe with only one welding seam for maximum rigidity.

Greasable pivoting points with large diameter guarantee a very strong and reliable construction.

Crown wheel and pinion positioned in one housing for very reliable drive.

## Heavy Duty Mainframe Design

The tedders are built around a rugged new box section mainframe, made out of one piece of metal with only one welding seam – for maximum rigidity. The frame design is fully enclosed at the top edge for maximum strength – an exceptionally solid design, which allows the tedders to withstand the most severe loads.



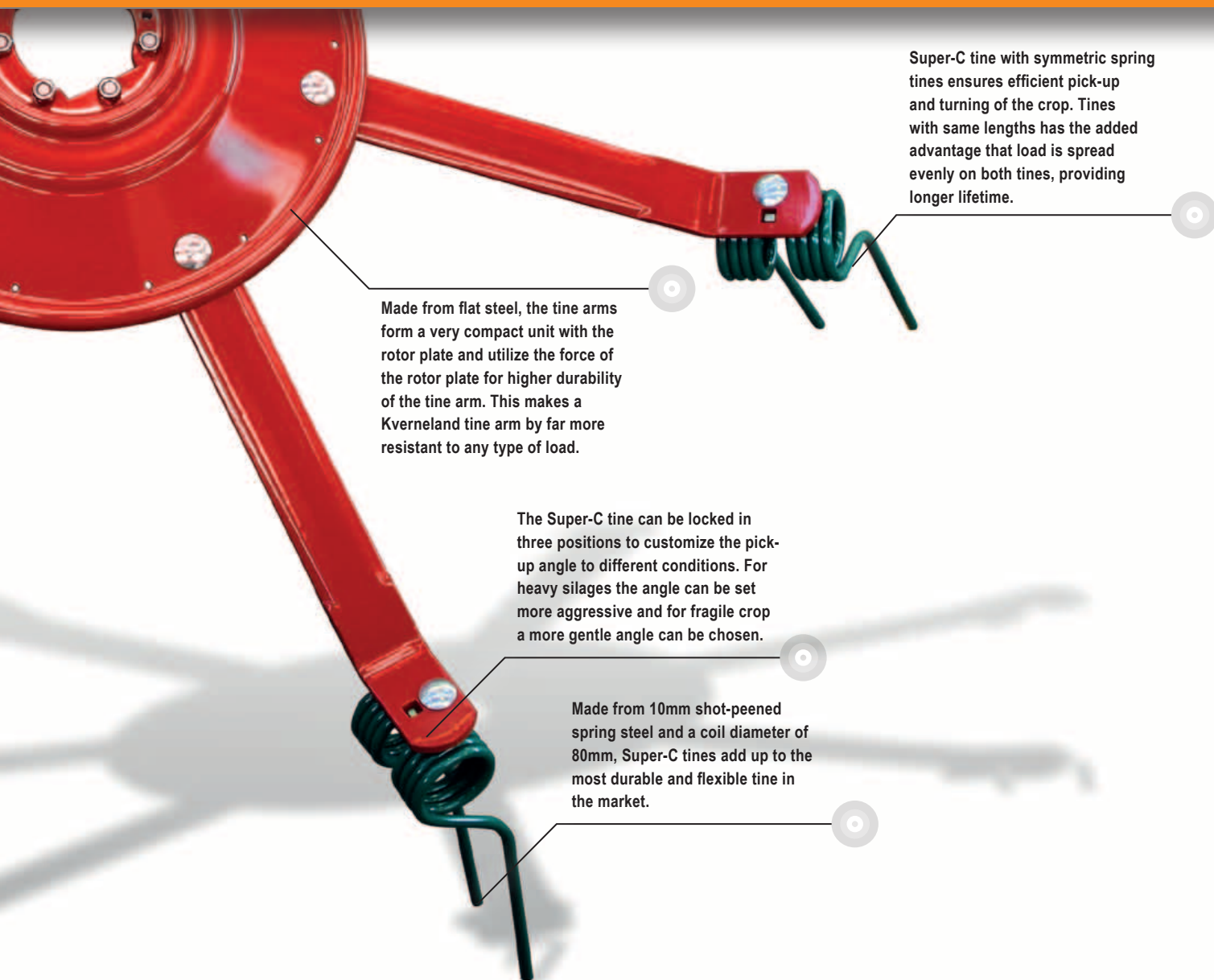
The large drive shafts and double U-joints give smooth, efficient transfer of power through the frame allowing each rotor to accurately follow field contours and rotate in any direction.



Greasable pivoting points are extremely wide and mounted in double bush bearings for maximum dependability.



# Super-C Tines – Even Spread, Clean Job



Super-C tine with symmetric spring tines ensures efficient pick-up and turning of the crop. Tines with same lengths has the added advantage that load is spread evenly on both tines, providing longer lifetime.

Made from flat steel, the tine arms form a very compact unit with the rotor plate and utilize the force of the rotor plate for higher durability of the tine arm. This makes a Kverneland tine arm by far more resistant to any type of load.

The Super-C tine can be locked in three positions to customize the pick-up angle to different conditions. For heavy silages the angle can be set more aggressive and for fragile crop a more gentle angle can be chosen.

Made from 10mm shot-peened spring steel and a coil diameter of 80mm, Super-C tines add up to the most durable and flexible tine in the market.

## Take the Lead in Beating the Weather

Kverneland tedders help you produce high quality crop, even under difficult weather circumstances. Ever changing weather conditions often leave a very tight time window to prepare the crop. When the weather proves to be flexible, it is vital that your gear and equipment is just as flexible.

The Kverneland tedders are the right tool to accomplish uniform and rapid drying action of the crop. The Kverneland Super-C tines, working with generous overlap thanks to the rotor design, always leave an airy and evenly spread crop, speeding up the drying process so you can chop or bale the crop in time. Kverneland tedders allow you to instantly react to unpredictable weather conditions.



Optional third wheel lead to even more accurate track following and better tedding action.



### The Super-C Tine

In order to produce high quality silage or hay, the crop must be spread evenly across the field to facilitate a uniform drying process. In addition soil contamination is a no go. The symmetric Kverneland Super-C tines of identical length efficiently pick up the crop and turn it for a very efficient crop flow. The crop is spread evenly and thrown over a wide distance, to ensure that the wet crop is placed on top of dry crop.

Tines with same lengths has the added advantage that load is spread evenly on both tines, providing longer lifetime.

The Kverneland Super-C tines are made of 10mm shot-peened spring steel. Spring diameter coils have 20% larger diameters than conventional designs for added service life, even when tedding large quantities of crop.



## Setting the Right Spreading Angle

Simple three-way adjustment of wheel height, allows the optimum spreading angle to be achieved according to crop conditions, helping you to produce high quality forage.



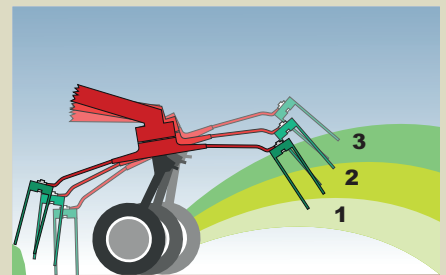
Setting the rotors to the right spreading angle will considerably improve the spreading action and speed up the drying process. Set a steep angle for aggressive conditioning effect or choose the more flat angle for more gentle treatment of dry or very fragile material.



ProLine tedders are fitted with 10mm shot-peened spring steel combined with a coil diameter of 80mm that adds up to the most durable and flexible tine in the market.



Generous overlap ensures that crop is spread evenly.



Easy adjustment of spreading angle via pin holes, no tools required.



# Oscillation Dampers for Smooth and Even Crop Distribution



## Oscillation Dampers

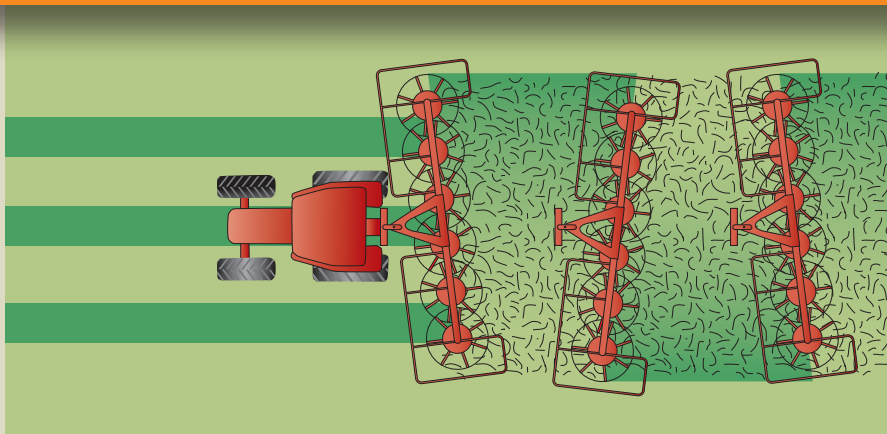
The Kverneland oscillation dampers ensure excellent ground contour following and tedder flotation. The construction of the oscillation dampers results in a smooth and even distribution of the grass, due to the constant tine distance to the ground. The distant linkage point means that it offers excellent running characteristics compared to conventional oscillation dampers.

The fact that the linkage is positioned low on the headstock results in a more effective damping action during transport.

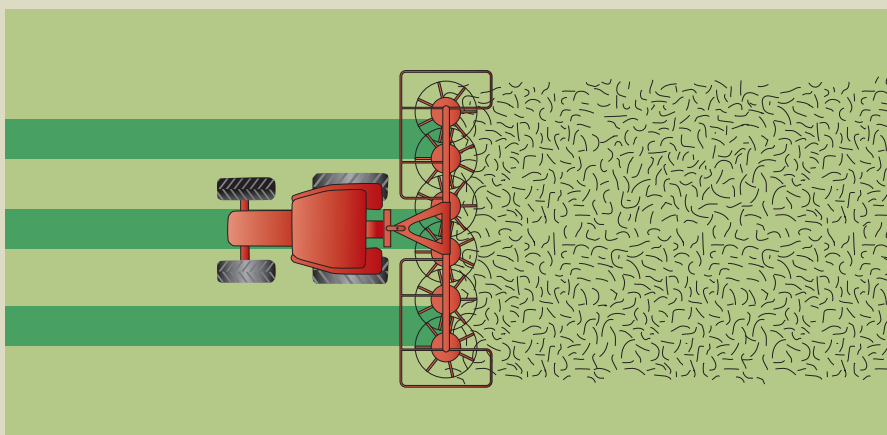
- Widely spaced mounting points  
- no risk of 'hunting'
- Excellent running characteristics
- Low-positioned linkage on the headstock for more effective damping action during transport

- No risk of the tedder running under the tractor on downhill work, excellent tedding at all times through constant tine spacing to the ground
- Maximum stability in transport position  
- no further lock of headstock required.





Conventional systems



Kverneland oscillation dampers





# It's All About Performance!



## **Sheer Efficiency**

These tedders offer a new dimension in efficiency and stability. Up to 10 rotors with 7 tine arms each, can neatly spread four 3.00m swaths. The solid design is your guarantee of a long lifetime, even when working in the toughest conditions. Its' large gears, sturdy shock proof bearings and oil-immersed drive system require zero lubrication.

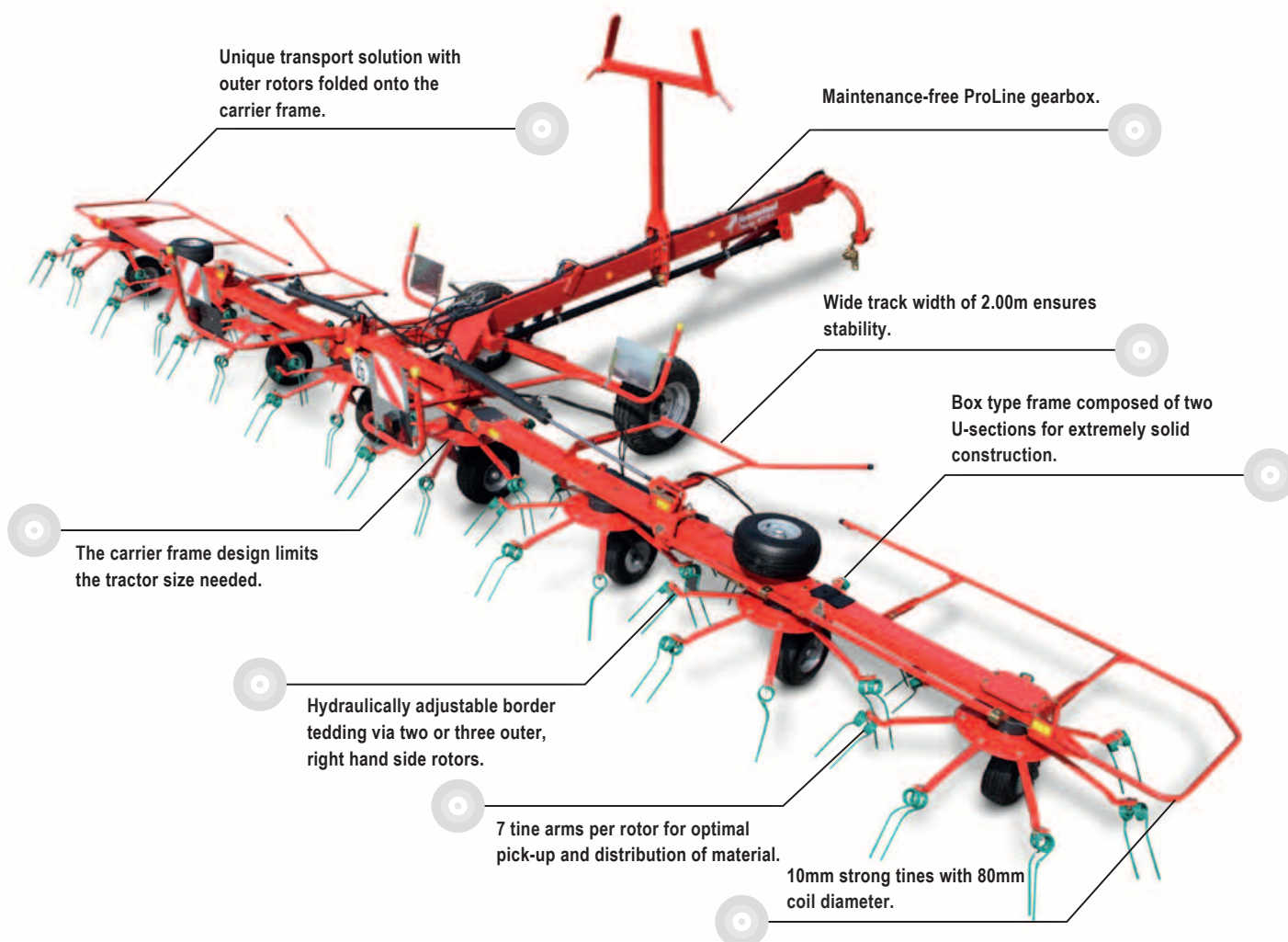
## **Easy Handling**

This easy to use machine is operated fully hydraulically and can be controlled from the tractor cab. High ground clearance and a wide wheelbase provide absolute road stability at high transport speeds. The folding mechanism and conversion to border tedding is hydraulic, and controlled from the tractor seat.

## **Minimum Maintenance**

All vital parts are enclosed in a permanent oilbath for extreme durability and stability. The bearings offer a further innovation, with which the individual framework construction units are connected. The ball bearings of Kverneland Taarup 85140 C are life span lubricated. This absolutely maintenance-free kind of storage guarantees maximum stability and life span.





For border tedding the 3 outer rotors are pivoted, to secure evenly inward spreading.



80° turning angle ensures excellent manoeuvrability.



Front and rear rotors can be lifted with adjustable time delay between front and rear, pairwise or individual.



# Unique Transport Solution



Kverneland Taarup 80110 C with 8 rotors and 11.00m working width.



Fast and efficient conversion from transport to working position.





During transport both tedders have a height of only 3.35m and a width below 3.00m.

### Unique Transport Solution

Kverneland Taarup 80110 C and 85140 C offer a unique transport solution that improves total work of the tedder. In transport position the outer rotors are folded forward onto a carrier frame. In this way transport height for 80110 C and 85140 C is only 3.35m, and a transport width of less than 3.00m is achieved.

The carrier frame allows the tedders to move forward quickly and easily when going from one field to another. This not only saves time but improves the total efficiency of the tending process.



The hydraulic suspension supports protecting the ground under all conditions. Three working modes of the suspension can be chosen.



# Extreme, Reliable Performance



## Designed for Long Working Days

The range of Kverneland Taarup mounted tedders are high quality machines with working widths ranging from 5.50-9.00m. All tedders are supplied with a pivoting 3-point headstock, ensuring very stable and strong performance. The strong construction and oilbath gearbox make these machines reliable and efficient, and suitable for long working days.

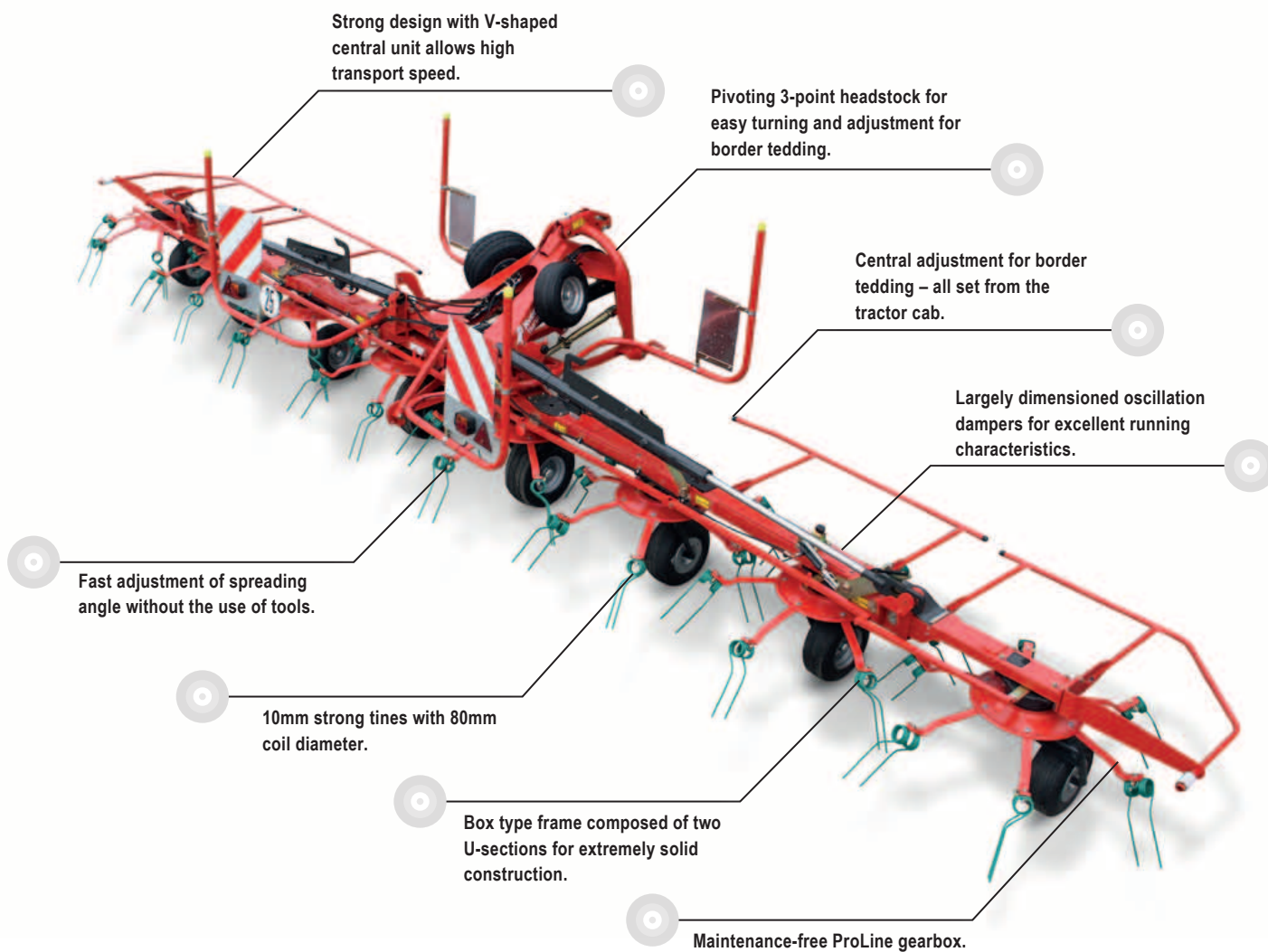
## A High Number of Features as Standard

Kverneland Taarup 8055, 8068, 8076 C and 8090 (C) are supplied with many standard features. Oscillation dampers ensure excellent running characteristics together with even and smooth flotation. These models feature a very simple to use, centrally operated border tedding system, which ensures no grass is thrown into the field boundary.

## The Central Unit

The pivoting 3-point headstock and strong V-shaped central unit, makes the mounted tedders highly durable machines. The central unit has a particularly sophisticated design: an extra cross beam and the exceptionally generous linkage zone of the outer rotors, which permit transport speeds of up to 50km/h with no risk of damage.





The strong design of the central unit provides high stability during tedding operation and allows high transport speed.



Get the most out of your crop. With border tending you keep the crop inside the field. The tedder is swung hydraulically into border position, conveniently tedding the crop away from the border line....



Kverneland Taarup 8055 and 8068 are easily converted from transport to working position and fold hydraulically.



# Maximum Efficiency



Thanks to its' well-conceived folding mechanism, storage height of Kverneland Taarup 8090 is as low as 3.45m. The two outer rotors fold in towards the centre of gravity for optimum balance.



Kverneland Taarup 8055 is a reliable 4 rotor tedder that offers all the unique features of larger machines. With 7 tines per rotor, it offers more tines than most comparable tedders providing excellent performance at higher working speed.



Strong design, compact dimensions.





## Transport Running Gear

Are you the owner of a low horsepower/low liftpower tractor that you wish to use for your tedding operations? No problem. Kverneland has the solution for you!

The standard specification includes a hydraulic border tedding system for your convenience. In road transport, tedder weight rests on the running gear, rather than on the tractor's rear axle. The optimised oil-immersed driveline provides low input requirement, so you can easily use a small tractor and still work at wide working widths - the ideal solution that saves fuel and running costs.

The running gear folds hydraulically and towards the centre of gravity for good balance. All folding is fully automatic to eliminate the risk of operator error. One double-acting spool is required to operate the tedder.

A wide track on the transport carrier ensures excellent running characteristics - even at high speed.



In working position the weight of the carrier frame rests on the centre part of the machine.



# Productivity at the Core



## Heavy Duty Confidence

Kverneland's new generation of mounted tedders is designed to perform perfect in all crop conditions, with a minimum of non-productive maintenance required and with diminished transport dimensions. Called the Kverneland Taarup 8576, this six rotor tedder offers a working width of 7.60m. Featuring a heavy duty fully closed headstock and a strong V-shaped central unit, this machine will fit perfectly into the operation of professional farmers, looking for a strong, effective, and versatile tedder.

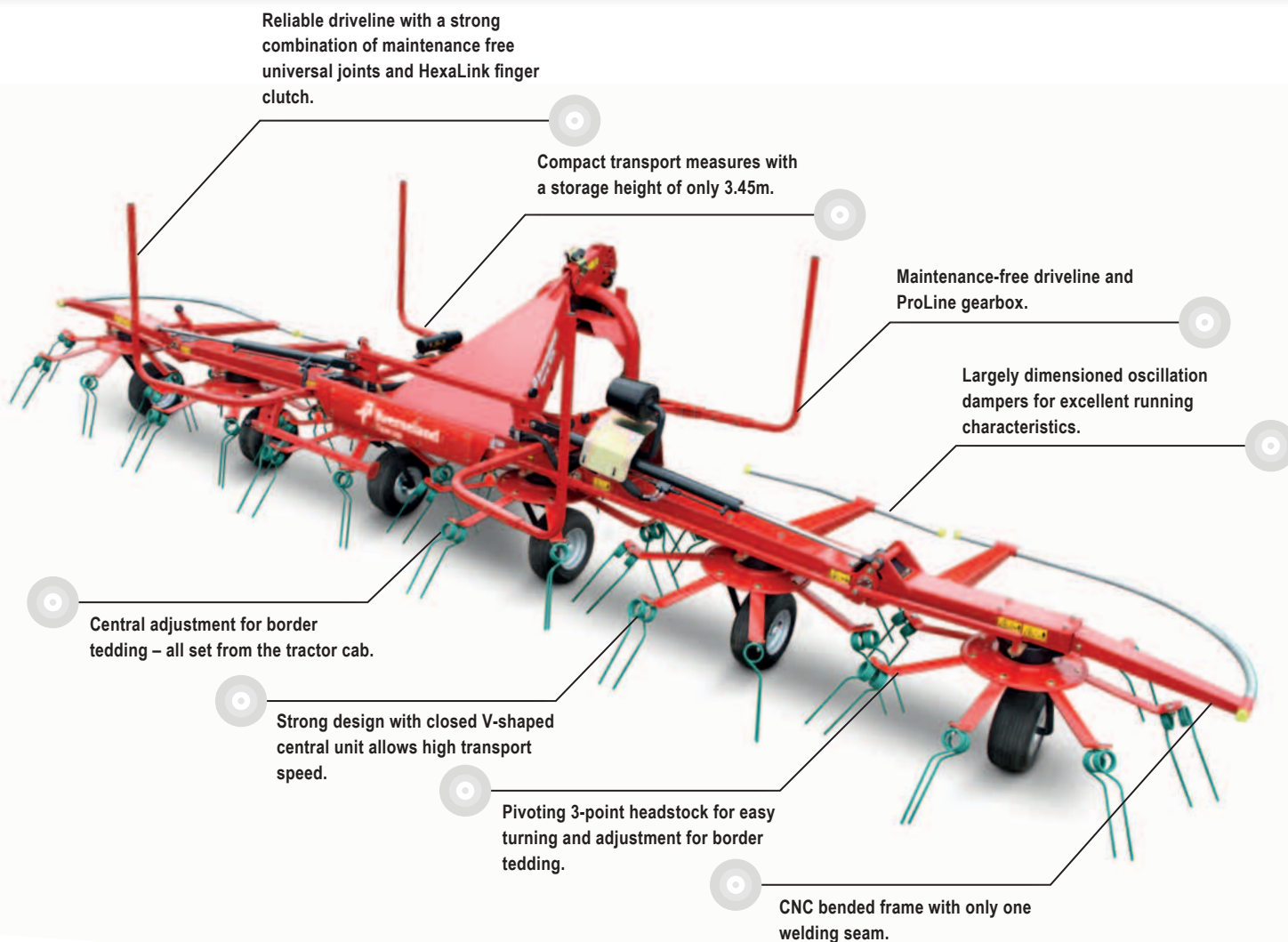
## Maintenance Made Easy

Powered by maintenance-free driveline and gearboxes, focus can be directed towards the essentials to maximize productivity. No time is wasted on time consuming greasing. Additionally the hinges are connected with strong maintenance-free roller bearings for extended longevity and stability of the connection points.

## High Quality Tedding in all Conditions

The tine arm design, with flat steel tine arms, ensures that high loads can be transferred without any bending of the arms, leading to perfect tedding of even the heaviest crop. Additionally the strong oscillation dampers provide stable and accurate running characteristics, leading to an even spreading pattern across the complete 7.60m working width. All standard settings, like rotor and tine angle adjustment and setting for border tedding is easily done.





Kverneland 8576 can be equipped with a third wheel to ensure correct set-up of the tedder independent from tractor and driver.



Strong and sturdy mainframe design with V-shaped central unit.



New aluminium rail guards, which are low in weight, but still extremely impact resistant.



# Reduced Transport Height – Increased Efficiency



## Compact Transport Dimensions

Kverneland Taarup 8576 offers very compact transport dimensions with its' new clever folding solution. A parking height of just 3.45m is possible, due to the implementation of the new HexaLink finger clutch system in the joints of the two outer rotors. The remaining rotors are driven by maintenance-free double universal joints, for strong and efficient transfer of power.



Kverneland HexaLink finger clutch permits a 180° folding of the rotors for transport.



Kverneland 8576 can be equipped with the optional hydraulic headland kit.





Compact in transport and during storage thanks to the new clever folding mechanism.

### Easy to use

To increase productivity Kverneland 8576 is equipped with a mechanical border tedding device. Optionally a hydraulic solution is available. A marker shows the position of the axle.



Keep the crop inside the field with border tedding.



# High Performance – Low Power Requirements



## Performance at High Speed

Kverneland Taarup 8583 T and 85111 T offer wide working widths of 8.30m and 11.00m respectively, but they are still ideal for lower horsepower tractors thanks to the trailed concept. They are fitted with the maintenance-free oil-immersed ProLine.

Both tedders have low lift and input requirements. Their design minimises compaction and operating costs. Certainly a great advantage in times of escalating fuel prices.

## Maintenance Reduced to a Minimum

The new 8583 T and 85111 T are extremely pleasant to work with. Maintenance requirements have been reduced to a minimum with the new ball bearings, with which the individual frame-work construction units are connected.

The ball bearings of the hinges are now life span lubricated. In combination with the ProLine gearbox, which is situated in an enclosed oilbath ensuring constant lubrication, maintenance of the entire tedder is reduced to a minimum.

## Easy Transport

Kverneland Taarup 8583 T and 85111 T are both easily converted from working into transport position. Wheels are fixed during transport, ensuring very smooth and stable running.

These trailed tedders offer all the comfort of a 3-point linkage machine and are easily converted from transport to work position, without leaving the tractor seat. The rotor wheels have been upgraded to 18" to ensure even more stability during work and operation. Both models are approved for 40km/h.





Kverneland Taarup 85111 T offers both pin-hitch or linkage drawbar attachment.



During transport the tedder simply follows easily and smoothly behind the tractor.

### Pin-Hitch or Drawbar Attachment

8583 T and 85111 T offer the unique option of either pin-hitch or drawbar attachment. You simply refit a pin for continental pin-hitch attachment or linkage drawbar attachment. Continental pin-hitch attachment will not put the PTO-shaft at risk, and makes for very easy attachment without difficulties.



The working height of Kverneland Taarup 8583 T is set mechanically. This ensures that the machine is easily adjusted to the ground conditions in question.



In standard position the wheels are pivoting, but they can be easily fixed for hilly conditions.



# The Hay Making Tedders



## Powerful Dimensions

Kverneland Taarup 8460 and 8480 come with a strong package of features, such as 2 oscillation dampers, strong V-shaped central unit and central adjustment for border tedding. They offer considerable working widths with their combination of 6/8 rotors and 6.05m/8.05m working width.

The very small rotors are especially designed for optimized performance while producing dry hay. The compact rotors, in combination with a big overlap, ensure complete pick-up of the grass and equal distribution over the entire working width. Both tedders are fitted with a central adjustment device for setting the machine at the correct angle for border tedding. This is set mechanically from the tractor cab and is done in very few seconds. Optionally hydraulic operation is available too.



The strong design of the V-shaped central unit provides high stability during tedding operation and allows high transport speed.





Kverneland Taarup 8460 with a working width of 6.05m.



Standard oscillation dampers ensure an even spreading pattern.



Kverneland Taarup 8460 folds hydraulically from working to transport position and vice versa.



Easy and simple adjustment of tine angle.



# Achieve More with Kverneland Taarup 8480



## Built to Last – Minimum Maintenance

The Kverneland Taarup 8480's superior durability and ease of maintenance ensure maximum machine uptime. It is designed with a strong package of Kverneland Taarup features such as 2 oscillation dampers and strong V-shaped central frame unit for stable and accurate running characteristics. The rotor gearbox is designed to just keep going and only requires greasing once per season, of just one point.



Kverneland Taarup HexaLink finger clutch permits the rotors to fold 180° for transport.



Easy adjustment of spreading angle.





Compact folding for transport.



With the optional reduction gearbox it is possible to place night swaths.



Placing night swaths.

### Compact Folding for Transport

Despite its 8.05m working width the Kverneland 8480 will fold into a very compact unit for transport, and will go below 3.00m transport width. The two outer rotors are fitted with the new Kverneland Taarup HexaLink finger clutch, a simple, yet efficient drive system that permits these rotors to turn into a 180° position for transport. The remaining rotors are driven by double universal joints, providing sturdy and efficient transfer of power.



# Compact

## – Easy to Maintain



### Low Maintenance

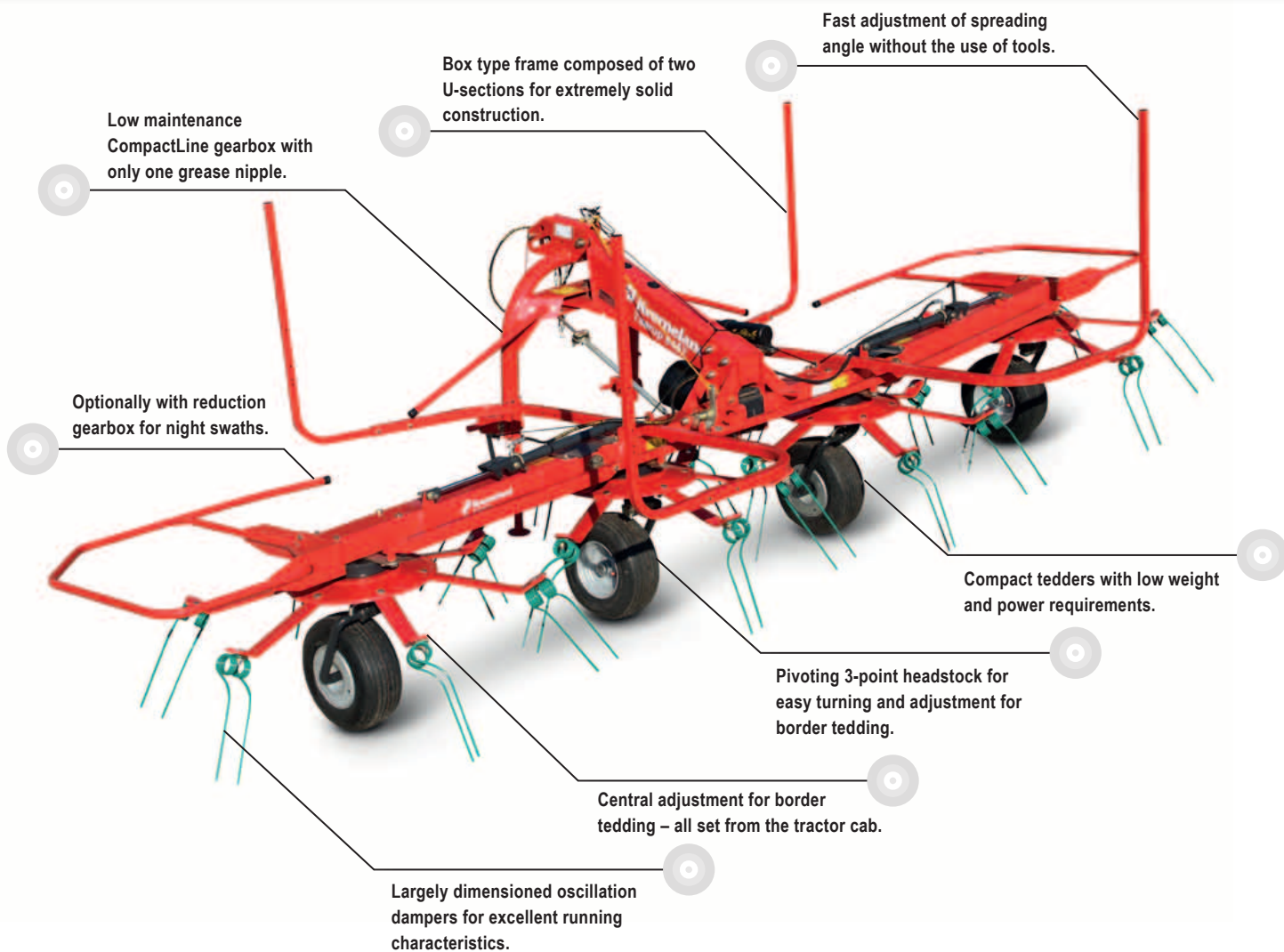
With working widths of 4.60m and 5.20m, Kverneland Taarup offers the CompactLine range with low maintenance rotor gearboxes. The rotors of the 8446, 8452 and 8452 T are driven by a low maintenance gearbox with only one grease nipple. The double bearings from pinion to crown wheel guarantee maximum longevity of the driveline. The low weight of these models is ideal for application with small tractors, or in hilly regions.

### Incredible Dimensions

Even the smallest models excel – the rotor plate diameter measures 500mm! All tedders feature gearboxes flanged to the frame, and which have no supporting function, and are therefore not subjected to any strain. This system sets the benchmark with respect to stability, smooth running, quality of work and efficiency. Compare for yourself.

All models are fitted with a central adjustment device for setting the machine at the correct angle for border tedding. This is set mechanically from the tractor cab and is done in very few seconds. Optionally hydraulic operation is available too.





All tedders fold hydraulically from working to transport position and vice versa.



Keep the crop inside the field with border tending.



Kverneland Taarup 8446 and 8452 are centrally adjusted for border tending.



# Technical Specifications

Models	8446	8452	8452 T	8055	8460	8068	8076 C	8480	8576	8583 T	8090
<b>Dimensions and Weights</b>											
Working width* (m/feet)	4.60(15'1")	5.20(17'1")	5.20(17'1")	5.50(18'1")	6.05(19'10")	6.80(22'4")	7.60(24'11")	8.05(26'5")	7.60(24'11")	8.30(27'3")	9.00(29'6")
Width, working position (m/feet)	5.00(16'5")	5.40(17'9")	5.40(17'9")	5.80(19')	6.40(20'12")	7.15(23'5")	7.80(25'7")	8.35(27'5")	7.90(25'11")	8.65(28'4")	9.45(31'0")
Transport width (m/feet)	2.80(9'2")	2.90(9'6")	2.90(9'6")	2.98(9'9")	2.80(9'2")	2.98(9'9")	2.98(9'9")	2.80(9'2")	2.98(9'9")	2.98(9'9")	2.98(9'9")
Transport length (m/feet)	2.10(6'11")	2.10(6'11")	2.90(9'6")	2.30(7'7")	2.00(6'6")	2.20(7'3")	4.30(14'1")	1.90(6'23")	2.40(7'10")	5.90(19'4")	2.20(7'3")
Transport height (m/feet)	2.40(7'10")	2.60(8'6")	2.60(8'6")	2.98(9'9")	3.05(10'0")	3.60(11'10")	3.85(12'8")	3.15(10'33")	3.85(12'8")	1.25(4'1")	3.75(12'4")
Weight approx. (kg/lbs)	495(1091)	520(1146)	460(1014)	620(1367)	680(1499)	835(1841)	1350(2976)	950(2094)	980(2161)	900(1984)	1100(2425)
Capacity theor. (ha/h)	3.7	4.2	4.2	4.4	4.8	5.4	6.1	6.4	6.1	6.6	7.2
<b>Linkage</b>											
Pivoting 3-point headstock	Cat. I+II	Cat. I+II	-	Cat. I+II	Cat. I+II	Cat. II	-	Cat. II	Cat. II	-	Cat. II
Tow bar / Hitch	-	-	•	-	-	-	-	-	-	•	-
Two point lower linkage	-	-	-	-	-	-	Cat. II	-	-	-	-
Oscillation dampers	•	•	-	-	-	-	-	•	-	-	-
- integr. locking device	-	-	-	•	•	•	•	•	•	-	•
<b>Rotors/Tines/Safety Frames</b>											
Number of rotors	4	4	4	4	6	6	6	8	6	6	8
Number of tine arms per rotor	5	6	6	7	5	6	7	5	7	7	6
Tine loss prevention equipm.	0	0	0	0	0	0	0	0	0	0	0
Spreading angle adjust. (3 pos.)	•	•	-	•	•	•	•	•	•	•	•
Mech. central wheel adjust.											
for border tedding	•	•	-	•	•	•	•	•	•	-	•
Same, hydraulic	0	0	-	0	0	0	0	0	0	0	0
Low maintenance gearbox	•	•	•	-	•	-	-	•	-	-	-
Oilbath gearbox	-	-	-	•	-	•	•	-	•	•	•
<b>Wheel/Axles/Light</b>											
Tyres	16x6.5-6	16x6.5-6	16x6.5-6	16x6.5-6	16x6.5-6	16x6.5-6	16x6.5-6	6x6.5-8	16x6.5-6	18x8.5-8	16x6.5-6
Tyres, central unit	-	-	-	-	-	-	18.5x8.5-8	-	-	-	18.5x8.5-8
Front gauge wheel	0	0	-	0	0	0	•	0	0	-	0
Anti-wrapping cones	•	•	•	•	•	•	•	0	•	•	•
Carrier frame	-	-	-	-	-	-	-	-	-	-	-
Tandem axles	-	-	0	0	-	0	-	0	0	-	-
Warning panels	0	0	0	0	0	0	•	0	0	•	•
-, with integr. lighting	•	•	0	•	•	0	•	0	•	•	•
*(DIN 11220)											
• = Standard    0 = Optional    - = Not available											

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8090 C	80110 C	85111 T	85140 C
9.00(29'6")	11.00(36'1")	11.00(36'1")	13.30(43'8")
9.45(31'0")	11.30(37'1")	11.30(37'1")	13.80(45'3")
2.98(9'9")	2.98(9'9")	2.90(9'6")	2.98(9'9")
4.20(13'9")	5.95(19'6")	7.20(23'7")	6.20(20'4")
3.75(12'4")	3.30(10'10")	1.25(4'1")	3.40(11'2")
1440(3175)	1795(3957)	1215(2679)	2300(5071)
7.2	8.8	8.8	10.7
-	-	-	-
-	-	•	-
Cat. II	Cat. II	-	Cat. II
-	-	-	-
-	-	-	-
8	8	8	10
6	7	7	7
0	0	0	0
•	•	-	•
-	-	-	-
•	•	-	•
-	-	-	-
•	•	•	•
16x6.5-6	16x6.5-6	18x8.5-8	16x6.5-6
18.5x8.5-8	18.5x8.5-8	-	18.5x8.5-8
•	-	-	-
•	•	•	•
10.0x75-15	10.0x75-15	-	10.0x75-15
-	-	-	-
•	•	-	•
•	•	•	•

## The Right Tedder for Every Cutting Width



	1.60 / 1.80 m	2.00 / 2.10 m	2.40 m	2.80 m	3.00 m	3.20 / 3.30 m	4.00 m
Model 8446							
Model 8452 T Model 8452							
Model 8055							
Model 8460							
Model 8068							
Model 8576 Model 8076 C							
Model 8480							
Model 8583 T							
Model 8090 Model 8090 C							
Model 80110 C Model 85111 T							
Model 85140 C							





## Kverneland Group

**Kverneland Group is a leading international company developing, producing and distributing agricultural machinery and services.**

Strong focus on innovation allows us to provide a unique and broad product range with high quality. Kverneland Group offers an extensive package aimed at the professional farming community, covering the areas of soil preparation, seeding, forage and bale equipment, spreading, spraying and electronic solutions for agricultural tractors and machinery.



## Original Spare Parts

**Kverneland Group spare parts are designed to give reliable, safe and optimal machinery performance - whilst ensuring a low cost life-cycle. High quality standards are achieved by using innovative production methods and patented processes in all our production sites.**

Kverneland Group has a very professional network of partners to support you with service, technical knowledge and genuine parts. To assist our partners, we provide high quality spare parts and an efficient spare parts distribution worldwide.



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