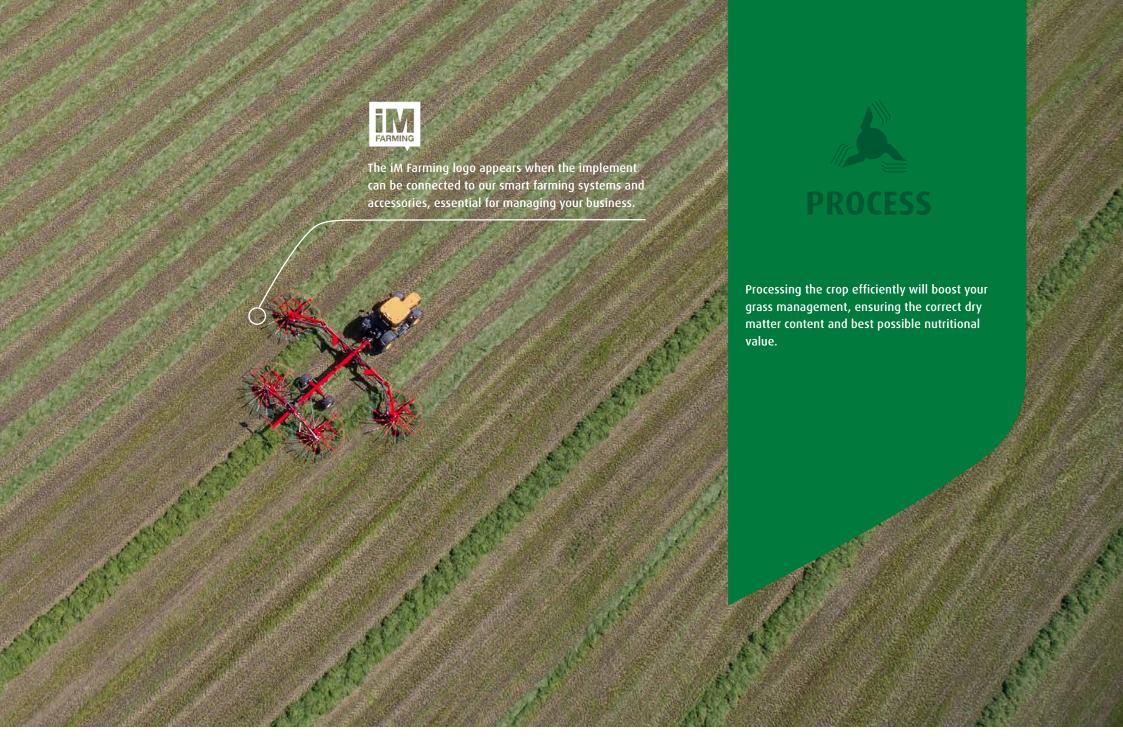


# WHEN FARMING MEANS BUSINESS

Realising the full potential of farming is about growing and developing your business, not only your crop or livestock, but also your profit. Improve productivity and profitability by focusing on the positives and minimising disadvantageous aspects, through strong, dedicated management.

Success springs from determination and clear targets, from laying down the appropriate strategy and allocating correct investments for the future. Quality results require the right ideas and equipment. When there is work to be done, you need the optimal setup and smart solutions that support you towards an easier, more profitable way of working. You need solutions that make tough and demanding conditions less complicated.





## **MADE TO PERFORM**

## - DAY IN, DAY OUT

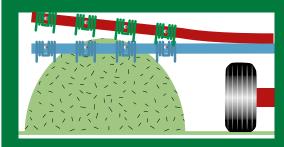


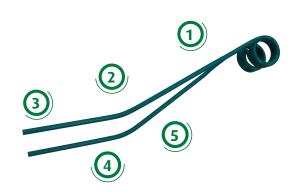
Correctly adjusting and customising the rake to the exact conditions you are facing today is what adds the extra quality to your forage, ensuring that dirt stays out of the swath, yet leaving no crop behind. Setting the rotor height, adjusting the swath width and fine tuning the cam track (ProLine) is done easily and intuitively on all Kverneland rakes, taking the hassle out of the daily work optimisation.

**ROTARY RAKES** 

## Curved Tine Arm Supports Regular and Even Swaths

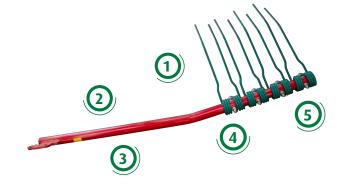
All Kverneland rakes are fitted with curved tine arms, to ensure a regular and even swath formation. Additionally the curved shape prevents material from being pushed in the direction of the rotor.





#### **Duo Tines**

The special Kverneland Duo Tines, with their characteristic two-row raking, accurately move the crop into the swath, and with a wire diameter of up to 10mm they additionally provide the necessary capacity to move even large volumes of crop.



### **Curved Tine Arms**

The curved tine arms, a true Kverneland hallmark, engineered to ensure that the tine arms will leave the swath at exactly the right time, promotes better and more accurate swath formation. Essential for running the following machines at maximum capacity.







High capacity with less agressive set up as second row always stays in position also under heavy conditions

**Reduced dirt** due to less agressive set up compare to competitive systems, dirt acumulation is reduced









High crop volume Even under conditions with high crop volume, close to zero material is pulled out of the swath again

## **KVERNELAND GEARBOX** ProLine gearbox. **Oil-immersed** crown wheel and pinion **Unique** 4-point ball bearing on crown **Injection** moulded aluminium tine arm wheel ensures efficient power transfer to support housings provide strength and reduce wear to a minimum. reduced weight. the tine arms. **Heavy duty** ball bearings with large **Steplessly** adjustable cam track for easy **Pinion gear** with two bearings separate distance for excellent support of tine arm

adaptation to different amounts and types of crop.

**Guide rollers** with hardened surface minimise wear on cam track and cam follower.

from the main driveline, keeping pinion and crown wheel securely in place.

All rotor star axles including housing can be removed individually by just removing 3 bolts.

shafts.

400mm cast iron cam track with optimised shape, for smooth tine arm control and reduced running speed.

# THE RELIABLE AND SOLID SOLUTIONS

### CompactLine

The Kverneland CompactLine rakes feature oil-immersed cam track, guide rollers and tine bearings, eliminating maintenance on these components. Strong tine arms and bearings in an oilbath, ensure longevity and easy maintenance. The oil level of the gearbox is easily controlled from the outside.

High-tensile tine arm holders and two bearings on either side of the driveshaft provide the compact unit with strength and dependability. Kverneland-developed cam tracks are specifically manufactored for optimal raking at any working width and on any model. Just on the rotor up to 12 greasing spots less than most systems.

### **ProLine**

The Kverneland ProLine rakes feature a unique drive system, which comprises an oil-immersed pinion and crown wheel. The fully enclosed design ensures full and permanent lubrication, and makes the entire system absolutely maintenance-free.

Our extensive experience guarantees well-proven technology of the highest standard.

The hardened cam track is adjustable and with an extremely large 400mm diameter, giving precise guidance to the tine arms and quiet machine running.

The optimised shape of the cam track allows the tine arms to exit the crop faster, leaving a more uniform swath formation. Aluminium bearing housings, with two widely spaced ball bearings, provide solid and maintenance-free tine arm mounting. Additionally all tine arms including the housing can be removed by simply removing 3 bolts. Fast and easy!



CompactLine gearbox.



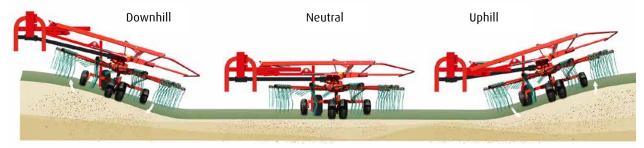
ProLine 10mm (CompactLine 9mm) diameter tines.



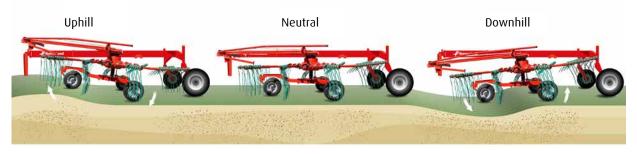
Each ProLine tine arm can be dismounted and repaired individually.

# **TERRALINK QUATTRO**- STAY ON TRACK!

What really matters is the quality of the silage and hay, which you produce. Precision in every part of the raking process is paramount to ensure that none of the valuable material is left behind, while at the same time securing a clean and attractive crop without dirt.



The rotors are fully flexible in all directions, which means the tines have exceptional ground following ability....



... ensuring a clean raking result without dirt in the crop.

### **Three-Dimensional Adaptation**

The TerraLink Quattro system has become a true legend related to accurate ground following, vital to avoid dirt in the swath - especially in uneven field conditions. It is a rather simple, yet unique system providing excellent 3-dimensional adaption to ground contours. And it is absolutely maintenance- and wear-free.

### The Strength is in the Arm

The openly constructed frame arm follows the principle of a torsion bar and absorbs vibrations away from the rotor and allows torsional flexibility, adding extra tracking flexibility and stability to the rotor. Each rotor operates in 3 dimensions to accurately respond and adjust to uneven field conditions.

### **High Stability**

The trailed wheel axle configuration, where the weight is centered on the front bogie wheels, enhances quiet running and prevents lifting and tine bouncing. Each wheel is positioned as close as possible to the raking tines to ensure highest possible rotor stability, allowing higher travel speed.



### The Real TerraLink Quattro Advantage

The TerraLink system consists of two parts. First the lifting arm and second the undercarrier. The arm is slotted on the lower side. This, together with special steel quality, makes it possible for the frame to flex without breaking.









The bogie wheels are positioned as close as possible to the raking tines to ensure high rotor stability.

The trailed axle configuration enhances quiet running and prevents lifting and tine bouncing, allowing for higher travel speed.

The openly constructed frame arm absorbs vibrations away from the rotor and allows torsional flexibility.

The accurate tracking made possible by the TerraLink Quattro feature, ensures that the least crop is lost during raking.

# **OVERVIEW RAKES**PROLINE







ProLine	Design Design	
97150 C	Multi-Rotor Center	
95130 C Pro	Multi-Rotor Center	
95130 C	Multi-Rotor Center	
9590 C Hydro	Multi-Rotor Center	
9584 C	Multi-Rotor Center	
9580 C	Multi-Rotor Center	
9577 S	Multi-Rotor Side	
9546	Single-Rotor Mounted	
9542	Single-Rotor Mounted	

Working width	Swath width	Rotor diameter	Rotors	Arms / Rotor	 Tine diameter	Chassis / Axle
9.80-15m	1.4-2.5m	3.85m	4 pcs.	13/15 pcs.	10mm	Cardanic
10-12.5m	1.2-2.2m	3.35/3.05m	4 pcs.	4x12 pcs.	10mm	TerraLink Quattro
10-12.5m	1.2-2.2m	3.35/3.05m	4 pcs.	4x12 pcs.	10mm	TerraLink Quattro
8-9m	1.4-2.4m	3.85m	2 pcs.	2x14 pcs.	10mm	TerraLink Quattro
7.60-8.40m	1.4-2.1m	3.65m	2 pcs.	2x12 pcs.	10mm	TerraLink Quattro
7-8m	1.2-2.2m	3.35m	2 pcs.	2x12 pcs.	10mm	TerraLink Quattro
7.7m	Variable	3.65m	2 pcs.	12/13 pcs.	10mm	TerraLink Quattro
4.6m		3.65m	1 pcs.	13 pcs.	10mm	Tandem
4.2m		3.35m	1 pcs.	12 pcs.	10mm	Tandem

# **OVERVIEW RAKES**COMPACTLINE







	" <b>   </b> "	
CompactLine	Design	
94125 C	Multi-Rotor Center	
9476 C	Multi-Rotor Center	
9472 C Hydro	Multi-Rotor Center	
9472 C	Multi-Rotor Center	
9464 C	Multi-Rotor Center	
9464 M	Multi-Rotor Center Mounted	
9670 S Vario	Multi-Rotor Side	
9670 S Evo	Multi-Rotor Side	
9671 S Vario	Multi-Rotor Side Trailed	
9471 S Evo	Multi-Rotor Side Trailed	

Working width	Swath width	Rotor diameter	Rotors	Arms / Rotor	 Tine diameter	Chassis / Axle
10-12.5m	1.2-2m	3.05/3.35m	4 pcs.	4x12	9mm	TerraLink Quattro
7/7.80m	1.2-2m	3.35m	2 pcs.	11	9mm	TerraLink Quattro
6.2/7.2m	1.2-2.2m	3.00m	2 pcs.	11	9mm	TerraLink Quattro
6.2/7.2m	1.2-2.2m	3.00m	2 pcs.	11	9mm	TerraLink Quattro
6.4m	1.2m	3.00m	2 pcs.	10	9mm	Single
6.4m	1.2m	3.00m	2 pcs.	10	9mm	Single
6.65/7.85m	Min 1.0m, max depending on driver	3.35/3.23m	2 pcs.	11/12	9mm	TerraLink PLUS
6.65m	Min 1.0m, max depending on driver	3.35/3.23m	2 pcs.	11/12	9mm	TerraLink PLUS
6.6/7.1m	Min 1.0m, max depending on driver	2.95m	2 pcs.	11/12	9mm	TerraLink Quattro
6.6/7.1m	Min 1.0m, max depending on driver	2.95m	2 pcs.	11/12	9mm	TerraLink Quattro

# **OVERVIEW RAKES**COMPACTLINE





CompactLine	Design	
9447 Т	Trailed	
9424 T	Trailed	
9443	Mounted	
9439	Mounted	
9035	Mounted	
9032	Mounted	

### KVERNELAND OVERVIEW RAKES COMPACTLINE

Working width	Swath width	Rotor diameter	Rotors	Arms / Rotor	 Tine diameter	Chassis / Axle
4.2m	Min 1.0m, max depending on driver	3.65m	1 pcs.	12	9mm	Tandem
4.2m	Min 1.0m, max depending on driver	3.35m	1 pcs.	11	9mm	Tandem
4.2m	Min 1.0m, max depending on driver	3.35m	1 pcs.	12	9mm	Single
3.9m	Min 1.0m, max depending on driver	3.05m	1 pcs.	11	9mm	Single
3.5m	Min 1.0m, max depending on driver	2.8m	1 pcs.	10	9mm	Single
3.2m	Min 1.0m, max depending on driver	2.6m	1 pcs.	9	9mm	Single





# **KVERNELAND FOUR ROTOR RAKES SERIES**EFFICIENT PERFORMING

The Kverneland four rotor rakes are targeted at making lighter work of tough and demanding operations. With impressive capacity of up to 15.0m working width, straightforward design and the possibility to adjust both work and swath width, they are designed to boost the complete process of collection and pick-up, altering to the changing crop intensity during the season.

Kverneland rotary rakes are designed to do well-shaped and clean swaths, achieved by precision in every part of the raking supported by the TerraLink Quattro ground contour following ability.

### The Product Range:

#### Kverneland 94125 C

10.00-12.50m working width CompactLine gearbox

#### Kverneland 95130 C

10.00-12.50m working width ProLine gearbox

### **Kverneland 95130 C Pro**

10.00-12.50m working width ProLine gearbox

#### Kverneland 97150 C

9.80-15.00m working width ProLine gearbox

## **KVERNELAND 97150 C**NEXT LEVEL RAKING

Beef and dairy farming is all about the production of high quality milk and meat. That's why you constantly strive for optimising productivity and profitability. Ruminants need high quality roughage, for their health and productivity. The more nutritional value per hectare you harvest, the more your forage management contributes to the farming business.

Every farm has different possibilities for growing forage crop. Circumstances vary by region and even by lot. Farmers and contractors also have to deal with the seasonal effects, such as field conditions, changing crop intensity during the season and - in particular - the weather. Planning means constantly adapting to unexpected conditions.

Raking is all about the efficient production of high quality forage

### **Capacity and Flexibility**

Two factors are key for optimising the quality of the silage and hay: capacity and flexibility. You need capacity to get the complete work done in time, before the weather changes. You need flexibility to adjust the rake to whatever challenges you meet.

With an adjustable working width of 9.8-15.0m the Kverneland 97150 C 4-rotor rake is well prepared to tackle whatever conditions might appear. The extensive working range allows exact adjustment to each individual field. Whether it's heavy first cut crop or later on in the season, the following machines are fed a perfect size swath for optimised work flow.





# IT'S ALL ABOUT PERFORMANCE

### 15m Working Width

The special elbow design allows quick working width adjustment. In case of contact with an obstacle, the overload protection on the outer arm ensures that it folds back at a certain pressure, securing the main frame structure from damages.

Also when raking along borders, the fast moving front arms can be used to steer along fences etc. without slowing down. Especially while raking corners, it is possible to clean them in one go as the front rotor can be pushed into the corner.

The biggest benefit of this system, is that the next swath will still be straight, as the rotor towards the non-raked area stays in position. When passing obstacles in the field, the front rotors can quickly be moved inwards, ensuring the swaths stay straight.

#### Tackle the Terrain

The front rotors are fitted with hydraulic ground pressure control for constant adjustment of ground pressure. Regardless of chosen working width, ground pressure remains even, allowing the rotor to instantly react to uneven field conditions for accurate tracking. The advantages are obvious, as it leads to less damage and faster regrowth from the stubble and minimum dirt into the crop. Especially in wet conditions the low remaining weight on the rotor is a big advantage in order to get clean crop.

### A Superbly Manoeuvrable Unit

The 2-pt headstock allows a turning angle up to 80° and the optional unique steered wheel axles ensure these Kverneland rakes have unequalled manoeuvrability. Despite a total length of 9.20m, even narrow gateways or approach lanes to fields are easily negotiated. For easy headland management it is possible to optimise the delay of lifting and lowering the front and rear rotors. Three different possibilities can be chosen. All 4 rotors can be lifted individually, allowing you to rake any size or shape of field in a professional and efficient way.



Each rotor can be independently and hydraulically set for height.



All four rotors can be lifted individually.



High lift of rotors ensures generous clearance during headland turns. Lifting height can be adjusted.



# **CUSTOMISE THE SIZE**OF YOUR SWATH



Hydraulic adjustment of swath width.



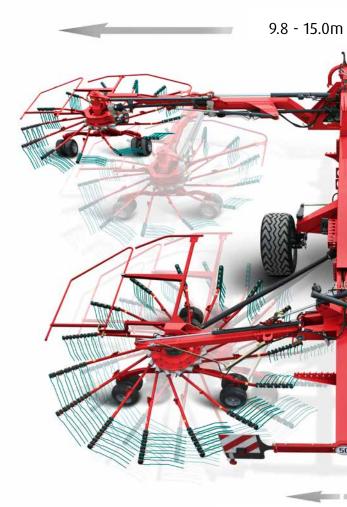
Transport height below 4.0m, even without removing tine arms.

### **Adjustable Working Width**

Raking width can be continuously varied on the move between 9.80m and 15.00m. Raking width can be matched to the density of crop to obtain an evenly shaped and equally wide swath over the full length. Working width can be adjusted, either during work or while stationary with rotors on the ground. If the width needs to be adjusted temporarily, the previously set working width can be recalled automatically.

### **Brakes and Tyres**

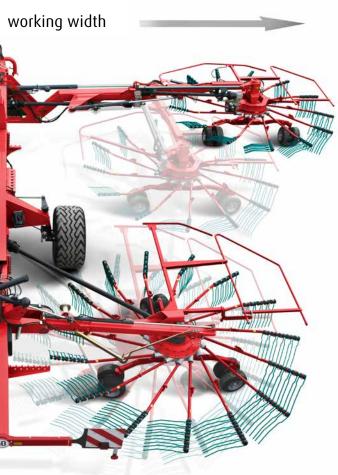
The wide tyres not only ensure gentle treatment of the ground, but also makes for excellent stability both in the field and on the road. Hydraulic or pneumatic brakes permit road speeds up to 40 km/h. three pairs of wheels, which can rotate 360° for perfect guidance and no danger of damage to the sward even when making the tightest turns.



1.4 - 2.5m







### swath width

## Everything Under Control with ISOBUS Technology

The Kverneland 97150 C is fully ISOBUS compatible. This means that it will plug directly into an ISOBUS compatible tractor without the need for a separate terminal. The Kverneland 97150 C is available with the IsoMatch Tellus PRO or the new IsoMatch Tellus GO control terminals.

The IsoMatch Tellus GO is especially developed for controlling machines in a simple way. Just connect your machine, step into the tractor cab, switch on the power button and GO.

### The terminal brings the implement automatically into view

To maximise user comfort on the Tellus GO terminal, all buttons are positioned on the right hand side of the terminal as physical buttons. No need to look at touchscreen when operating the machine.



#### **Take Full Control**

The following functions can be operated with the terminals:

- Swath and working width indication.
- · Programmable lifting height of rotors.
- Automatic selection of transport or working position by pressing an icon.
- Separate lifting of all four rotors.
- Setting of rotor height.
- · Adjustment of working width, left and right hand side.
- Active and selectable hydraulic suspension on front rotors.
- Steering of transport axle.
- · Headland management activation.
- Adjustment of delay time/meters or manual operation of headland management.
- Special customised user interface, developed with contractors, for very simple control of functions.
- · Optional with joystick.



## **KEEP THINGS SIMPLE**- EASE YOUR WORK

### **ProLine or CompactLine Specification**

The Kverneland 12.5m 4-rotor rake is offered with a choice of either ProLine or CompactLine gearbox. Both machines are similar in construction. They are built up on the same frame concept. The Kverneland 94125 C CompactLine version is an easy-to-use machine with substantial working width for the professional segment, looking for a dependable machine to ensure stability in the complete harvesting process.

For heavy duty use, the Kverneland 95130 C ProLine machine has been developed.

### **Boost Your Capacity**

The Kverneland 94125 C and 95130 C are targeted at making lighter work of tough and demanding operations. Being able to accurately feed the following machine and keep up efficiency of the complete harvesting system is an essential part of the raking job.

With their impressive capacity of 12.50m working width, straightforward design and the possibility to adjust both work and swath width from the cab, these machines are designed to boost the complete process of collection and pick-up, adjusting to the changing crop intensity during the season.



## More Uptime with max 4m Transport Height

No reasons for wasting time, not even when moving between fields. Just raise the rotors and off you go, safely below 4.00m transport height – no need to leave the tractor for removing tines arms. Large transport wheels and brakes are standard. For storage, all tines arms are detachable on Kverneland 94125 C to allow a storage height as low as 3.40m. A strong and stable storage foot ensures fast and trouble-free coupling and uncoupling. For Kverneland 95130 C tine arms are generally fixed, but the top 4 are optional detachable, to reach same low storage height.



### Easy Handling – More Productivity

These rakes are designed with uncomplicated work days in mind. New drivers feel inbetween minutes comfortable with the machine as operation is not more complex than on a twin rotor rake. Forget about sophisticated sensors and control functions, they are designed around the operator with simplicity in mind, focusing on the elements that add real value. Take the control unit for instance. It comes with a rather handy design including pre-selected functions for an array of easy operations. Only one double acting and one single acting spool valve are required to run the Kverneland 94125 C and 95130 C.



Easy and intuitive control function, all handled from the tractor cab.

### **Excellent Swath Formation**

To prevent an uneven appearance of the swath and to keep capacity up, the rear rotors are smaller in diameter and turn faster. This secures the additional capacity needed on the rear rotors for the double volume, and as the speed is different it also prevents roping.

The maintenance-free TerraLink Quattro rotor suspension system operates in three dimensions for excellent tracking, working in close combination with the four wheeled rotor to ensure high accuracy and stability on slopes. And it is absolutely maintenance- and wear-free.



Individual pairwise lift of front and rear rotors. Adjustable time delay for headland position is standard.

# **EASY HANDLING**- MORE PRODUCTIVITY

### Hydraulic Adjustment of Working and Swath Width

The hydraulic adjustment of working and swath width allows you to customise swath intensity and width to the capacity of the following machine.

All conveniently handled and controlled from the tractor seat. Working width can be set between 10-12.50m and swath width can be adjusted between 1.20-2.20m, adding the necessary flexibility.

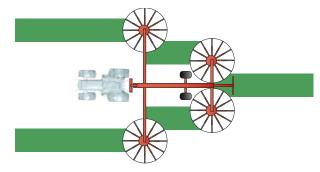
### **Easy Headland Management**

These machines come with enhanced headland management. In addition to high ground clearance of rotors during headland turns, it is possible to tailor time delay between lifting/lowing the front and rear rotors to driving speed and field conditions. This is done mechanically in an easy and uncomplicated way.

Kverneland 94125 C and 95130 C can make sharp turns of up to 80°, both on headlands and during transport when entering narrow gateways. The rotors can, as a standard feature, lift in pair which is convenient for raking also triangular shaped fields in an optimal way. Optionally the front rotors can be lifted individually.



Optional tandem axle for additional stability especially on hillsides.



Compact but efficient machine – in combination with BX mower there is possibility to collect up to 20m into one swath.



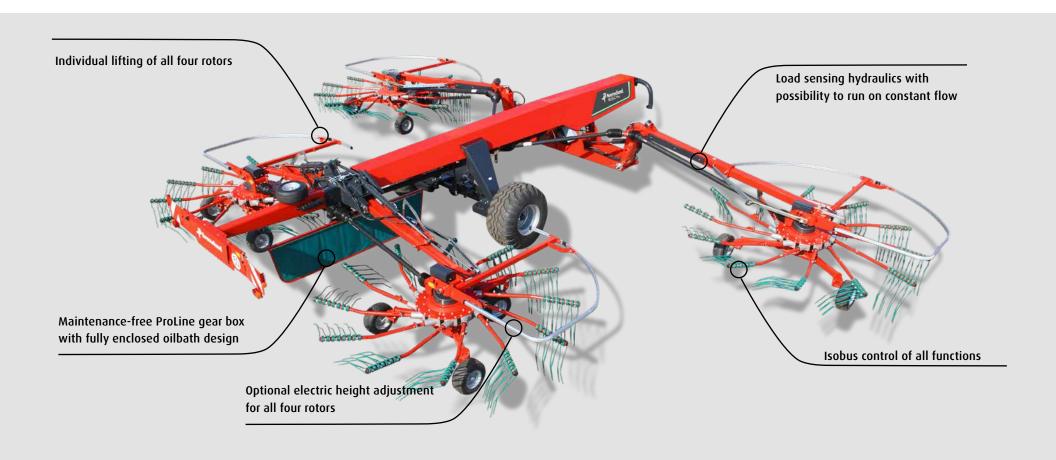
Hydraulic adjustment of working and swath width.





## PROFESSIONAL HANDLING WITH THE 95130 C PRO

### - MAXIMIZED PRODUCTIVITY









### Standard configuration on 95130 C:

- **Easy operation** of all functions via simple control unit. No sensors needed for control.
- **Kverneland 95130 C** comes equipped with ProLine gearbox, while Kverneland 94125 C is fitted with CompactLine gearbox.
- Hydraulic adjustment of working and swath width, 10.0-12.5 and 1.2-2.2m respectively.

- Simple design just one single and one double acting valve needed.
- TerraLink Quattro Absolutely maintenance- and wear-free 3-dimensional adaptation for outstanding raking quality.
- Individual pairwise lift of front and rear rotors. Standard fitted with adjustable time delay for headland position.

- **7**) Con
  - **Compact but efficient** can be operated with tractors starting from 80hp.
- 8
- **3.35m front rotors** and 3.0m rear rotors, each with 12 tine arms and 4 tines per arm. Faster rotating rear rotors ensure uniform swaths.





## KVERNELAND TWO ROTOR RAKES SERIES HEAVY DUTY SET-UP

The Kverneland two rotor rakes are heavy duty set-ups with working widths up to 11.0m. They are designed for the toughest conditions and feature a high performance oil-bath gearbox and a strong carrier frame. The hydraulically adjustable working and swath width and ability to make sharp turns of up to 80° are important features of these rakes.

### The Product Range:

### Kverneland 9464 C / M

6.40m working width CompactLine gearbox

### Kverneland 9671 S Vario / 9471 S Evo

6.90/7.90m working width CompactLine gearbox

### Kverneland 9471 S Vario / Evo

6.60/7.10m working width CompactLine gearbox

### Kverneland 9472 C / Hydro

6.20/7.20m working width CompactLine gearbox

### Kverneland 9476 C

7.00/7.80m working width CompactLine gearbox

### **Kverneland 9577 S**

7.70m working width ProLine gearbox

### Kverneland 9580 C

7.00-8.00m working width ProLine gearbox

### Kverneland 9584 C

7.60-8.40m working width ProLine gearbox

### Kverneland 9590 C Hydro

8.00-9.00m working width ProLine gearbox

### Kverneland 95110 C

9.20-11.00m working width ProLine gearbox



### THE HEAVY DUTY

### CENTRE SWATH RAKES

#### **Durable Performance**

With adjustable working widths of 7.00-9.00m respectively these heavy duty specification rakes provide the swath formation capability to keep harvesting operations running at their optimal output. At the heart of all models is a heavy duty ProLine rotor head system. These models are equipped with ground protecting 380/55-17 tires.

### **Excellent Manoeuvrability**

The rear carrier frame with controlled steering facility gives this rake excellent track following characteristics, allowing tight turns on headlands and loss free swathing, even in awkwardly shaped fields. Even if the rotors are lifted on a steep slope, the steering system reliably counteracts any deviation. During headland turns the rotors are lifted min. 45cm from the ground to prevent swath damage.

- $\boldsymbol{\cdot}$  Actively steered wheels for excellent tracking.
- Ability to make sharp turns up to 80°.
- High lift of min. 45cm of rotors ensures generous clearance during headland turns.
- Raking with only one rotor (standard on 9590 C, optional on 9580 C and 9584 C).

### On-the-Go Rotor Height Adjustment

A ComfortKit is optionally available for the 9584 C. This includes a hand-held joystick control that brings all control functions into one. The height of each rotor is controlled electronically, and the actual height of each rotor is shown on the screen of the control box. In this way you can finely tune the rotor height, improving your work result is easily done on the go.

A screen indicator shows the actual height in percent. It is also possible to set a personal zero point, to prevent raking too deeply. In addition the kit includes individual rotor lifting. It is possible to adjust the rotors together or individual in all positions.

### Flexible Working Width

Kverneland 9580 C: 7.00-8.00m working width. Kverneland 9584 C: 7.60-8.40m working width. Kverneland 9590 C Hydro: 8.00-9.00m working width.



ComfortKit including electronic control of individual rotor height.



Kverneland 9584 C with 8.40m working width, 9590 C with 9.00m working width, fully enclosed gearbox and hydraulically adjustable working width.



Transport Height below 4.00m

Kverneland 9580 C includes a transport height below 4.00m without leaving the tractor cab.

Actively steered axles support tight turns on headlands and during transport.



### **MORE UPTIME**

### WITH CLEVER TRANSPORT

## Kverneland 9580 C - Design Optimised for Transport

The Kverneland 9580 C excels both with its extensive working width and compact transport dimensions. The design of the wheel axles allows adding generous 380/55 wheels as standard and still offering a outer track width as narrow as 2.75m, making it the perfect match for narrow roads and tight gateways.

Transport height is below 4.00m, even with all tine arms attached. No need to leave the tractor, just fold and go. Add in the 80° turning headstock and active wheel steering, and you have a highly manoeuvrable machine both on the road and in the field.

The 9580 C is developed in the UK to survive heaviest weat crop conditions. with 12 arms and a heavy Duty design this machine can't be stopped on grass.

For customers where height dosen't matter the 9584C is the solution in between. 12 arms and an optional lift arm Suspension secure that this rake forms swath after swath.

## Kverneland 9590 C Hydro – High Capacity in Field, Compact on the Road

The Kverneland 9590 C Hydro will go as wide as 9.00m during work with its twin rotors, and offers the flexibility to adjust the working width between 8.00-9.00m. It remains below 4.00m during transport, even with all 14 tine arms fully mounted.

Thanks to the hydro axles, which are a unique Kverneland feature, the complete rake can be lowered hydraulically for transport, ensuring that it will go below 4.00m transport height. Another benefit is that the centre of gravity is lowered, and in combination with the wide track width and large 380/55-17 tyres it creates excellent weight distribution and stability during transport. 9590 C Hydro comes as standard with a lift arm suspension and single side rotor lift.

No need to leave the tractor, just fold and go



With 9.00m working width and transport height below 4.00m, even without detaching tine arms...



... the Kverneland 9590 C Hydro offers remarkable productivity with no downtime.

### **COST-EFFECTIVE**

### HIGH-PERFORMANCE RAKES



Optional boogie wheels for the Quattro undercarriage for further improved ground contour following.



9476 C - Hydraulic 7.0-7.8m working width.



Kverneland 9476 C - easy storage of tine arms for transport.

### **Centre Swath Rakes**

These rakes will produce a nice even centre swath with raking widths of between 6.20m and 7.80m. They are mounted on a strong and stable frame, to ensure long lifetime. Features such as actively steered wheels, the TerraLink Quattro system and hydraulic raised rotors are standard - except for the low cost entry level model 9464 C/9464 M.

The double rotor rakes offer hydraulically adjustable working widths between 6.2 and 7.8m. The swath width can be set between 1.20-2.20m. A clever solution that makes it possible to adapt the swath size to the pick-up width of loader wagons, balers and foragers.



## **UNIQUE**MANOEUVRABILITY



The centre swath rakes are converted hydraulically for transport from the tractor cab.



Raking with only one rotor. Optional with no problem.

#### **Active Wheel Steering**

Kverneland centre swath rakes all have a carrier frame for strong and stable working performance. The wheels of the rear carrier have active wheel steering, allowing the rakes to go around tight corners during work and narrow gateways during transport. This allows the rakes to follow swaths around bends, and to make turns of up to 80°.

#### 9472 C Hydro

The Kverneland 9472 C Hydro is fitted with hydraulically operated axles on the mainframe, in order to lift and lower the machine during transport. This feature significantly reduces transport height by 40cm.



Turning on headlands – turning in one go due to the excellent manoeuvrability and the hydraulic QuickLift.



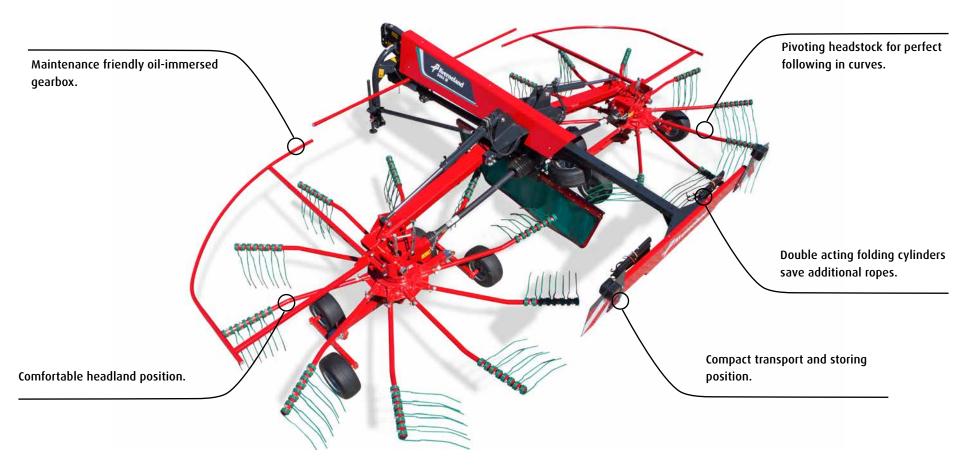
Even if the Basic model is below 4 m, this feature helps to go into narrow sheds and as well to pass bridges which are less than 4m high without detaching arms. The Hydro version is standard equipped with single side lifting of the rotors.

Add in features such as adjustable working width of 6.20-7.20m, TerraLink Quattro ground contour following and heavy duty carrier frame design, and the result is low maintenance, higher productivity and maximum operation comfort. As well the CompactLine gearbox, with all critical parts running in oil, helps to reduce maintenance time to a minimum.

All main functions, such as lifting and lowering of mainframe and rotors are operated from the tractor cab, using an electro hydraulic control terminal. It is also possible to pre-select lift activation of the individual rotor units via the handheld terminal. Such an integrated solution is offered only by Kverneland.



## HIGH MANOEUVRABILITY FOR NARROW ROADS AND AWKWARD FIELDS



#### **Kverneland 9464 M - Compact Dimensions**

Even more agile you are with the new compact 9464 M that shows with its compact mounted design in combination with the three point linkage high manoeuvrability for narrow roads and tight gateways. The mounting makes the Kverneland 9464 M therefore an ideal fit for mastering smaller and awkwardly shaped fields.



Compact transport position.



Better ground adaptation compared to larger single rotor rakes.

## The Kverneland 9464 M is set-up with simple technology:

- No ropes for transport locks.
- Only two positions, folded or unfolded (double acting cylinders).
- · No mistakes while operating.
- No need to operate with hydraulic valve during work.
- Easy headland lift with 3 point linkage.
- Outstanding clearance in headland position.
- Pivoting headstock to guide the machine freely along the field contour.
- · Fixed wheels can be used.
- Together with stabilizers, a perfect performance also on hillside is guaranteed.
- Optional tandem wheels can even create a softer performing.



Narrow and short transport position without leaving the cabin.



High flexability on the road, and in the field, as no carrier is disturbing.



Tandem axle (optional).



Height adjustment.

### **SIDE DELIVERY RAKES**

### - PROACTIVE PERFORMANCE

#### 9670 S Side Delivery Rake

This compact and nimble rake features a new sturdy frame and the new TerraLink PLUS ground following system. In addition the Vario model offers the possibility of raking two separate swaths.

With a working width of 6.65m and up to 7.85m with the Vario, the machine rakes up double swaths of up to 13.00m. High comfort was the core of the development. Starting with comfortable connecting of the machine and continues with for example an automatic folding of the swath board and an optional hydraulic transport locking.

#### New Terral ink PLUS with rotor attachment.





Automatic fold-able swath board with parking stand.

#### **More Comfort in Operation**

The 9670 is fine tuned for high performance on the machine but also on the following machine. The unique rotor set up with a smaller rotor in the rear in combination with one more tine arm secures a perfect swath under all conditions. This increase the harvesting speed of the following machine. In the field the machine has a high flexibility due to an improved steering geometry. For a smooth running also in difficult conditions the machine can be equipped with steering tandem axles on the front rotor and fixed tandem axles on the rear. The distribution of the swath to the left secures that the driver has a perfect view to the fence and the border to not hit something. The swath is automatically formed.

#### **Higher Quality of Forage**

With the updated feature "Terralink PLUS", the rotor attachment benefits from a further advanced ground adaptation of 8°. The Touch-Down effect in combination with Terralink Plus rotor mounting makes for smooth running and minimal soil inclusion in your forage, maximising forage quality, milk yields and animal health. In addition, 380mm guide wheels protect the sward from damage.



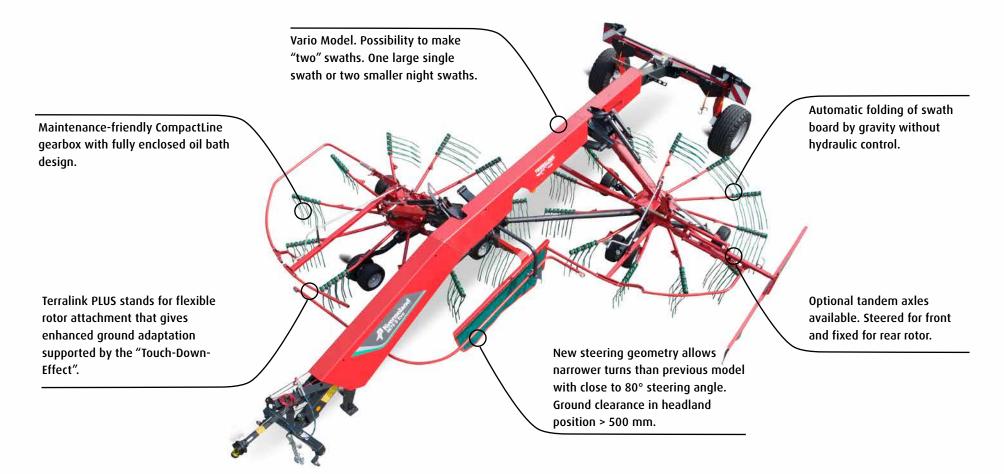
Two swath raking (Vario).



Tandem wheels (optional).



Hydraulic transport locking (optional).





Transport height below 4m.

#### The Touch-Down-Effect

The Touch-Down-Effect, comparable to an aircrafts approach angle of its landing gear, ensures a smooth and clean raking, but with lifting to a ground clearance of around 500mm avoids that swaths on headlands are damaged.



Touch-Down-Effect.



The side delivery concept allows you to collect crop from 15.00m into a single swath.

## **DOUBLE UP**ON EFFICIENCY!

Optional an hydraulic foldable swathboard is available for 9577 S.



Active wheel steering for improved manoeuvrability in combination with large wheels for reduced compaction.

#### 9577 S: The Obvious Side Effect!

The 9577 S double rotor rake delivers a working width of 7.70m. The side delivery concept adds excellent flexibility in swath formation and allows you to collect crop from a working width of up to 15.00m into one swath. The high build mainframe concept offers excellent ground clearance in headland position. Actively steered wheels allow sharp turning, both on headlands and during transport.

9577 S is fitted with the renowned ProLine gearbox, with its maintenance free oilbath solution. The shape of the Kverneland hallmark, the massive 400mm curve disc, allows the tine arms to leave the crop faster, leaving a more uniform swath shape. In addition the rotors have been upgraded to 12 tine arms on the front rotor, each with 4 tines, and 13 tine arms, each with 5 tines on the rear rotor. This ensures more accurate raking performance without roping, and allowing higher forward speed.

Kverneland side delivery rakes have steerable undercarriers on the front rotor to secure a smooth following in curves. As well a swath board on the first rotor stops the crop, so it can be pushed through the rear rotor (optional on 9470 S Evo). In addition Kverneland 9577 S is fitted with the TerraLink Quattro wheel system for superb ground contour followings. This system controls the rotor in 3 dimensions.

All side delivery rakes place the swath on the left hand side. This offers a superb view on the right hand rotor, to steer the machine along fence lines and obstacles in a comfortable position.

Accurate raking performance



## THE FLEXIBLE RAKING SOLUTIONS

The Kverneland 9671 S Vario and the Kverneland 9471 S Evo are designed for maximum flexibility, for raking in a variety of conditions. The twin rotors work independently from each other, make it possible to produce either one large swath or two smaller night swaths. These rotors can place two large swaths into one, allowing a total of up to 12.50m crop to be raked.

#### Large in The Field, Small in Transport

No need to remove the tine arms: Moving the Kverneland 9671 S Vario and the 9471 S Evo to transport position only requires a simple operation on the hydraulic leaver. The swath deflector can be fold hydraulically clear. Transport width is only 3.00m (to reach 2.45m, the tine arms can be removed).



Placing two smaller night swaths.



Turning on headlands: Kverneland is equipped with the QuickLift system as standard. This ensures a lifting height of 50cm to easily over cross existing swathes.



Pulled axle suspension for smooth running characteristics and reduced power requirement.

#### **Kverneland TerraLink**

- · Absolutely maintenance- and wear-free.
- Superb tracking in road transport.
- Trailed axle configuration enhances quiet-running and reduces tractor input power, particularly in wet conditions.
- Boogies are set to wide track widths and specified with 18.5" tyres, to sense field contours right on the tines for perfect ground-following and stability on the slopes
- · Automatic dampening provides quiet machine running.
- The machine comes as Evo standard with tandem axle in the front. As Vario the machine is equipped as well with a land wheel standard (optional for Evo)
- Optionally the machine can be equipped with up to 13 wheels with tandem axles on the rear rotor and two sets of inner tandem axles on the front of the undercarrier.
- 11 arms in the front and 12 arms on the rear secure a even swath and good crop flow that prevents roping.





## **FOLLOWING**

### THE TERRAIN

#### **Kverneland SideShift**

The Vario version also offers the patented SideShift system as an option, which comprises electro-hydraulic control of all functions. A special feature on the Kverneland 9671 S Vario is the possibility to operate both rotors – front and rear – in an offset position from the tractor cab.

With this patented system, raking along field boundaries or around trees is no problem – as the tractor can run at a safe distance from the obstacles. It is also possible to run on raked fields while having the rake offset to the left side.

#### Raking along field boundaries or around trees is no problem



SideShift to the right - conveniently passing trees.



SideShift to the left - raking without driving on unraked crop.





## KVERNELAND SINGLE ROTOR RAKES SERIES COMPACT AND RELIABLE DESIGN

Kverneland single rotor rakes are high performance rakes with a drive system designed to last for a long time. The 3-pt headstock allows the rake to follow the tractor around tight curves. With the choice of compact or Pro-line models an individual configuration with several features can be set respectively to suit any need, from lowland farmers, to the users working on steep hillsides.

#### The Product Range:

#### **Kverneland 9032**

3.20m working width CompactLine gearbox

#### **Kverneland 9035**

3.50m working width CompactLine gearbox

#### **Kverneland 9439**

3.90m working width CompactLine gearbox

#### **Kverneland 9542**

4.20m working width CompactLine gearbox

#### Kverneland 9442 T

4.20m working width CompactLine gearbox

#### **Kverneland 9443**

4.30m working width CompactLine gearbox

#### **Kverneland 9447 T**

4.70m working width CompactLine gearbox

#### **Kverneland 9546**

4.60m working width CompactLine gearbox

## **HIGH QUALITY**

### AND RELIABILITY



For transport or storage, the rotor guard frames are folded up close to the mainframe, locking automatically into position. An assistor spring linked to the swath board reduces the effort required.



Standard oscillation dampers ensure excellent running characteristics.



Optional third wheel, allowing continuous use of the standard top link.



Adjustable cam track.



ProLine oilbath gearbox design ensures maintenance-free operation.

### **High Performance**

Kvernelands generation ProLine single rotor rakes feature a gearbox design with excellent feature. Features such as oscillation dampers, tandem axles and HydroLift height adjustment are standard hallmarks of ProLine single rotor rakes.

#### **ProLine Gearbox**

Single rotor rakes are based on the ProLine gearbox technology. These machines have working widths of

4.20m and 4.60m respectively and are fitted with the Kverneland ProLine gearbox, with its maintenance-free rotor head.

The ProLine gearbox now offers better swath formation. The shape of the Kverneland hallmark, the massive 400mm cam track, has been improved to allow the tine arms to leave the crop faster, leaving a more uniform swath shape. The tine arm shafts and housings can be exchanged even faster.

Both rakes are fitted as standard with both four wheel tandem axles and oscillation dampers, offering excellent ground contour following, minimising the amount of dirt collected in the swath.

#### **HydroLift Concept**

A unique Kverneland feature of the 9542 and 9546 is the HydroLift concept. It is a hydraulic height adjustment system that allows the driver to quickly adjust working height to different ground conditions from the tractor cab.











- **1.** Clearly visible oil level via inspection glass.
- **2.** A pivoting 3-pt headstock ensures perfect ground following performance, and perfect tracking when cornering. Oscillation dampers are optionally available.
- **3.** Optional third wheel, allowing continuous use of the standard top link.

# MINIMUM POWER REQUIREMENTS

Kverneland offers six compact single rotor rakes, designed for use on low horsepower tractors, but which still deliver considerable working width. Kverneland single compact rotor rakes offer working widths from 3.20-4.70m. With the option of pivoting and a trailed version, there is a model to suit all needs. On all models all tine arms can be removed and parked along the frame. A big advantage with regards to transport and storage dimensions.

#### **Maintenance-Friendly Rotor Head**

All Kverneland CompactLine rotary rakes are equipped with a maintenance-friendly rotor head. The rotor head is grease lubricated within a hermetically sealed housing,

offering a very reliable performance. This ensures a long lifetime, minimising the effects of dirt. The rotor shaft, tine arms and pinion shaft are all mounted on two bearings, to provide maximum strength and a long lifetime.

#### **Trailed Rotary Rakes**

The perfect machines for farmers looking for rakes for low horse power tractors. 9442 T and 9447 T can be run by tractors starting from 20HP, when attached to a linkage mounted drawbar or hitch. The rakes offer the QuickLift system to lift out of the swaths quickly. They offer a ground clearance of 50cm when lifted, something which is important when driving across swaths. 18.5" Tandem axles come as a standard.



Kverneland 9439 in transport position.



Kverneland 9447 T with 4.70m working width and a weight of only 665kg.



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## **TECHNICAL DATA**

		Single Rotor Rakes									
Model	9032	9035	9439	9542	9442 T	9443	9447 T	9546			
Dimensions & Weight											
Working width m	3.20	3.50	3.90	4.20	4.20	4.30	4.70	4.60			
Working width (ft)	10′6″	11′6″	12′10″	13′9″	13′9″	14′1″	15′5″	15′1″			
Transport width m	1.60	1.75	1.75	1.75	2.00	2.10	2.40	2.15			
Transport width (ft)	5′3″	5′8″	5′8″	5′8″	6'6"	6′9″	7′9″	7′1″			
Transport length m(ft)	3.10(10'2")	3.35(10′12″)	3.60(11'10")	3.15(10'4")	3.90(12'10")	3.85(12'7")	4.80(15'9")	3.35(11')			
Parking height m	1.60	1.70	1.85	2.60	2.30	2.00	2.65	2.75			
Parking height (ft)	5′3″	5′6″	6′1″	8'6"	7′6″	6'6"	8′7″	9'0"			
Weight appr. Kg(lbs)	315(694)	420(926)	460(1014)	640(1410)	570(1256)	480(1058)	665(1466)	670(1477)			
Swath width m											
Swath width(ft)											
Capacity theor. (ha/h)	3.5	3.9	4.3	4.6	4.6	4.7	5.2	5.1			
Attachment to Tractor											
3-pt, tracking (cat.)	1/2	1/2	1/2	2	-	1/2	-	2			
Lower links (2-pt.)	-	-	-	-	-	-	-	-			
Linkage drawbar	-	-	-	-	•	-	•	-			
Gauge wheel 16°	0	0	0	0	0	0	0	0			
Rotors/Arms/Tines											
Rotor diameter m(ft)	2.60(8'6")	2.80(9'2")	3.05(10')	3.35(11')	3.35(11')	3.35(11')	3.65(12')	3.65(12')			
Swath presentation	Left	Left	Left	Left	Left	Left	Left	Left			
Number of rotors	1	1	1	1	1	1	1	1			
Number of tine arms per rotor	9	10	11	12	11	12	12	13			
Number of Duo tines per arm	3	4	4	4	4	4	4	4			
Tine diameter (mm)	9	9	9	10	9	9	9	10			
Continuous cam track adjust.	-	-	-	•	-	-	-	•			
Detachable tine arms	•	•	•	•	•	•	•	•			
Height adjustment	Rack trail	Mech.	Mech.	Hydr.	Mech.	Mech.	Mech.	Hydr.			

				Single Ro	tor Rakes			
Model	9032	9035	9439	9542	9442 T	9443	9447 T	9546
Wheels and axles								
Tyres (rotor)	15x6.00-6	16x6.50-6	16x6.50-6	16x6.50-6	18x8.50-8	16x6.50-6	18.5x8.5-8	16x6.50-6
Fixed tandem axle	0	0	0	•	•	0	•	•
Pivoting tandem axle	-	-	-	0	-	-	-	0
Stand. tyres (carrying frame)	-	-	-	-	-	-	-	-
Opt. tyres (carrying frame)	-	-	-	-	-	-	-	-
Further optional equipment								
Carrier arm compensating	0	0	0	•	-	0	-	•
Locking catch for slopes	0	0	0	•	-	0	-	•
Safety accessories								
Warning panels	0	0	0	0	0	0	0	0
Lighting equipment	0	0	0	0	0	0	0	0

- Standard equipment
   Option
   Not available
   Double swath
   With detached tine arms
   Hydraulically lowered mainframe

## **TECHNICAL DATA**

		Double Rotor Rakes									
Model	9464 C	9464 M	9670 S	9670 S	9671 S	9471 S	9472 C	9472 C	9476 C		
			Vario	Evo	Vario	Evo		Hydro			
Dimensions & Weight											
Working width m	6.40	6.40	6.65/7.85	6.65	6.60/7.10*	6.60/7.10*	6.20/7.20	6.20/7.20	7.00/7.80		
Working width (ft)	20′10″	20'10"	21'8"/25'8"	21′8″	21'8"/23'4"	21'8"/23'4"	20'4"/23'7"	20'4"/23'7"	23′-25′7″		
Transport width m	2.80	2.85	2.80	2.80	2.20**/3.00	2.20**/3.00	2.80	2.80	2.80		
Transport width (ft)	9′2″	9′3″	9'2"	9′2″	7′3″**/9′10″	7′3″**/9′10″	9'2"	9'2"	9′2″		
Transport length m(ft)	5.90(19'4")	3.85(12'6")	8.65(28'4")	8.65(28'4")	7.40**(24'3")	7.40**(24'3")	5.90(19'4")	5.90(19'4")	5.90(19'4")		
Parking height m	3.85	3.81	3.5**/3.99	3.5**/3.99	-	-	3.85	3.45***/3.95	3.45**/4.10		
Parking height (ft)	12′7″	12′5″	11′5″/13′1″	11′5″/13′1″	-	-	12′7″	11′3″/13″	11′3″/13′5″		
Weight appr. Kg(lbs)	1510(3329)	1200(2646)	2240(4938)	2300(5071)	1400(3086)	1350(2976)	1640(3615)	1680(3704)	1640(3615)		
Swath width m	1.20	1.20					1.20-1.90	1.20-2.20	1.30-1.90		
Swath width(ft)	3′11″	3′11″					3′11″-6′3″	3'11"-7'3"	4'3"-6'3"		
Capacity theor. (ha/h)	6.9	6.9	7.6/8.7	7.6	7.3	7.3	7.5	7.5	8.4		
Attachment to Tractor											
3-pt, tracking (cat.)	-	2	-	-	-	-	-	-	-		
Lower links (2-pt.)	•	-	•	•	-	-	•	•	•		
Linkage drawbar	-	-	-	-	•	•	-	-	-		
Gauge wheel 16°	-	-	-	-	•	0	-	-	-		
Rotors/Arms/Tines											
Rotor diameter m	3.00	3.05	3.35/3.23	3.35/3.23	2.95	2.95	3.00	3.00	3.35		
Rotor diameter (ft)	9′9″	10′	11′	11′	9'6"	9'6"	9′10″	9′10″	11′		
Swath presentation	Centre	Centre	Left	Left	Left	Left	Centre	Centre	Centre		
Number of rotors	2	2	2	2	2	2	2	2	2		
Number of tine arms per rotor	10	10	11/12	11/12	11/12	11/12	11	11	11		
Number of Duo tines per arm	4	4	4	4	4	4	4	4	4		
Tine diameter (mm)	9	9	9	9	9	9	9	9	9		
Continuous cam track adjust.	-	-	-	-	-	-	-	-	-		
Detachable tine arms	-	-	•	•	•	•	-	-	•		
Height adjustment	Mech.	Mech.	Mech.	Mech.	Mech.	Mech.	Mech.	Mech.	Mech.		

					Double Rotor Rake	es .			
Model	9464 C	9464 M	9670 S	9670 S	9671 S	9471 S	9472 C	9472 C	9476 C
			Vario	Evo	Vario	Evo		Нудго	
Wheels and axles									
Tyres (rotor)	16x6.50-6	16x6.50-6	16x6.50-6	16x6.50-6	18.5x8.50-8	18.5x8.50-8	16x6.50-6	16x6.50-6	16x6.50-6
Fixed tandem axle	0	0	-	-	0	0	0	0	0
Pivoting tandem axle	-	-	-	-	-	-	-	-	-
Stand. tyres (carrying frame)	10.0/75-15.3	-	380/55-17	380/55-17	-	-	10.0/75-15.3	10.0/75-15.3	10.0/75-15.3
Opt. tyres (carrying frame)	-	-	-	-	-	-	-	-	-
Further optional equipment									
Carrier arm compensating	-	-	-	-	-	-	-	-	-
Locking catch for slopes	-	•	-	-	-	-	-	-	-
Safety accessories									
Warning panels	•	•	•	•	•	•	•	•	•
Lighting equipment	•	•	•	•	•	•	•	•	•

- Standard equipment
   Option
   Not available
   Double swath
   With detached tine arms
   Hydraulically lowered mainframe

## **TECHNICAL DATA**

		Double Ro	tor Rakes		Four Rotor Rakes				
Model	9577 S	9580 C	9584 C	9590 C	94125 C	95130 C	95130 C	97150 C	
				Hydro			Pro		
Dimensions & Weight									
Working width m	7.70	7.00-8.00	7.60-8.40	8.00-9.00	10.00-12.50	10.00-12.50	10.00-12.50	9.80-15.00	
Working width (ft)	25′3″	23'-26'3"	24′11″-27′7″	26′3″-29′6″	32'10"-41'	32′10″-41′	32'10"-41'	32′2″-49′3″	
Transport width m	2.85	2.80	2.98	2.98	2.99	2.99	2.99	2.99	
Transport width (ft)	9′3″	9′2″	9′8″	9'8"	9'8"	9′8″	9′8″	9'8"	
Transport length m(ft)	8.90(29'2")	5.95(19'52")	6.25(20'6")	6.25(20'6")	8.75(28'8")	8.75(28'8")	8.75(28'8")	9.85(32'4")	
Parking height m	3.70**/4.10	3.41/3.90	3.45**/4.10	3.50**/3.98	3.45/3.99	3.45/3.99	3.45/3.99	3.45**/4.00	
Parking height (ft)	10'6"/13'5"	11′2″/12′10″	11′3″/13′5″	11′6″/13′1″	11′3″/13′1″	11′3″/13′1″	11′3″/13′1″	11′3″/13′1″	
Weight appr. Kg(lbs)	2160(4762)	2065(4553)	2285(5038)	2350(5181)	4300(9480)	4700(10362)	4700(10362)	6000(13228)	
Swath width m		1.20-2.20	1.40-2.10	1.40-2.40	1.20-2.20	1.20-2.20	1.20-2.20	1.40-2.50	
Swath width(ft)		3′11″-7′3″	4′7″-6′11″	4′7″-7′10″	3′11″-7′3″	3′11″-7′3″	3′11″-7′3″	4′7″-8′2″	
Capacity theor. (ha/h)	8.5	8.8	9.2	9.9	13.8	13.8	13.8	16.5	
Attachment to Tractor									
3-pt, tracking (cat.)	-	-	-	-	-	-	-	-	
Lower links (2-pt.)	•	•	•	•	•	•	•	•	
Linkage drawbar	-	-	-	-	-	-	-	-	
Gauge wheel 16°	-	-	-	-	-	-	-	-	
Rotors/Arms/Tines									
Rotor diameter m(ft)	3.65(12')	3.35(11')	3.65(12')	3.85(12'7")	3.05-3.35(10'-11')	3.05-3.35(10'-11')	3.05-3.35(10'-11')	3.85(12'7")	
Swath presentation	Left	Centre	Centre	Centre	Centre	Centre	Centre	Centre	
Number of rotors	2	2	2	2	4	4	4	4	
Number of tine arms per rotor	12/13	2x12	2x12	2x14	4x12	4x12	4x12	13/15	
Number of Duo tines per arm	4/5	4	4	4	4	4	4	4/5	
Tine diameter (mm)	10	10	10	10	9	10	10	10	
Continuous cam track adjust.	•	•	•	•	-	•	•	•	
Detachable tine arms	•	<b>●</b> (4)	•	<b>●</b> (4)	•	<b>●</b> (4)	• (4)	<b>●</b> (4)	
Height adjustment	Mech.	Mech. /opt. hydr.	Mech.	Mech. /Pro - el.	Mech.	Mech.	Mech./opt. hydr.	Hydr.	

		Double Rotor Rakes Four Rotor Rakes						
		Double R	otor kakes			,		
Model	9577 S	9580 C	9584 C	9590 C	94125 C	95130 C	95130 C	97150 C
				Нудго			Pro	
Wheels and axles								
Tyres (rotor)	16x6.50-6	16x6.50-6	16x6.50-6	16x6.50-6	16x6.50-6	16x6.50-6	16x6.50-6	16x6.50-6
Fixed tandem axle	-	0	0	0	-	-	-	Тегга
Pivoting tandem axle	-	-	-	-	0	0	0	Contact
Stand. tyres (carrying frame)	380/55-17	380/55-17	380/55-17	380/55-17	500/50-17	500/50-17	500/50-17	560/60x22.5
Opt. tyres (carrying frame)	-	-	-	-	-	-	-	+
Further optional equipment								
Carrier arm compensating	-	-	0	•	-	-	-	•
Locking catch for slopes	-	-	-	-	-	-	-	+
Safety accessories								
Warning panels	•	•	•	•	•	•	•	•
Lighting equipment	•	•	•	•	•	•	•	•

- Standard equipment
- O Option
- Not available
- \* Double swath
- \*\* With detached tine arms
- \*\*\* Hydraulically lowered mainframe

General brochure content: Machine configuration on images may differ with country specific demands.

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