



Roc 1038 S-Roc 1073 S-ROC RS 1000

MERGERS

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.



WHY SHOULD YOU BUY A KVERNELAND MERGER?

With Kverneland ROC S-series mergers, you can improve the quality of your forage, increase the efficiency of your harvest chain, reduce fuel and veterinary costs, and increase milk and beef yield.



PROCESS

Processing the crop efficiently will boost your grass management, ensuring the correct dry matter content and best possible nutritional value.

HIGHER PRODUCTIVITY

Rake cleaner, faster, and always make the right swath for the following harvesting machine.



THE KVERNELAND S SERIES MERGERS

MORE THAN JUST A MERGER

Kverneland Roc S Series mergers are an excellent raking system. The S series is now available for all machines equipped with a 3m pick-up in the Kverneland range of mergers. The pick-up system represents the main difference compared to traditional rakes. Lifting the crop instead of pushing it over the ground reduces pollution. Heavy crops can be efficiently raked with higher capacity due to belt transport. The roller feature is designed for wet, short crops, making it suitable for all crops and conditions, even in challenging situations.

Thanks to the completely customised pickup unit, the machine is perfectly suited for these conditions. This unit can work in dry crops as well as wet crops. To generate extra clearance while not pressing the sensitive leaves, the suspended roller can be comfortably lifted out of the cabin. In addition to the roller, the standard 6-bar pickup has a higher capacity in tough conditions. The single belt with an innovative chain saw design on the cross bars ensures an even crop flow and independence, whether it is a short last cut or dry straw. The Kverneland Roc S series of mergers is designed for maximum flexibility in all crop conditions, offering working widths ranging from 3.8m to 10m.

The Product Range:

Kverneland Roc 1038 S

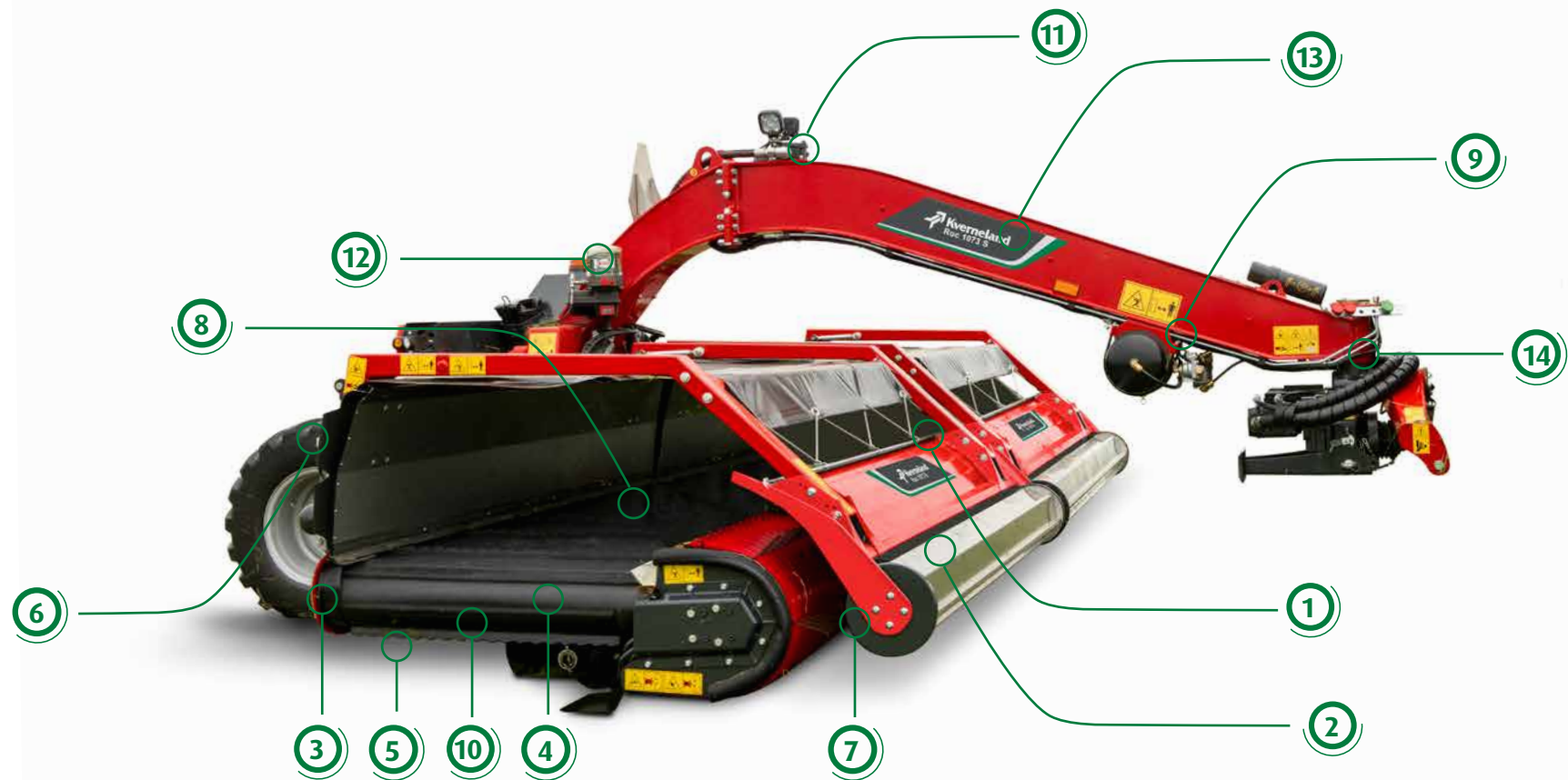
Front and rear 3 point mounted mergers
3.8m working width

Kverneland Roc 1073 S

Rear mounted, 2 belt mergers
Variable working width, 5.95m to 7.3m
– working width in side or centre swath delivery

Kverneland ROC RS 1000

High capacity rear mounted 3 belt mergers
10m working width in side delivery



- ① **Innovative SCS system** with 100% parallel guidance and hydraulic adjustment plus suspension in all positions
- ② **Big diameter roller** with close to 250 mm performs perfectly in all crop types
- ③ **Breakaway** protection (RS 1000 only)
- ④ **Gear driven belt** without roller in the center

- ⑤ **Tandem wheels** with mechanical suspensions
- ⑥ **Road Suspension** via accumulator
- ⑦ **Roller very close to the tines** to secure even in very short crops a perfect material flow for best swathing results
- ⑧ **Single piece belt** with unique designed saw shape cross bars

- ⑨ **Air brakes**
- ⑩ **Electric Height Adjustment**
- ⑪ **Working light**
- ⑫ **Optional auto-lube system**
- ⑬ **Easy maintenance**
- ⑭ **High maneuverability of the headstock**

KVERNELAND MERGERS

NO COMPROMISE IN HARVESTING OPERATIONS

Thanks to their heavy duty design and technical features, Kverneland mergers are the best solutions for professionals who don't want to afford compromising their harvesting operations productivity, crop quality and machine durability



Unique Pick-up construction

- Solid pick-up system with 6 rows of tines
- Controlled Camtrack system for high capacity, raking accuracy and material transfer onto the belt
- No stones and dirt in the crop
- Increased rotation speed reduces product loss to a minimum



Short Crop Specialist

- Large roller to operate in all crops
- The roller is in all positions hydraulically suspended
- Specially designed belt and pick-up
- If the crops are dry, the roller can be lifted from the cabin to protect the leaves



Unique suspension for short crop roller device

- Height adjustable from tractor cab
- Hydraulic suspension in each position
- Memory function for preset position
- Protection against unintended folding while roller is lifted



Unique Belt Drive

- The belt is rotated by gears on the left and right hand side
- No roller can slide or accumulate dirt
- The belt has fibreglass reinforced cross bars with saw blade patterns for high friction transport of heavy and light crops



Ground Following System

- Four large rubber wheels with spring suspension under each pick up secure a perfect contour following.
- Additional skids protect the pick up in case of very deep tracks.
- Tandem wheels are not destroying the turf and they don't require special attention in stony regions.



Road Suspension for transport axle via nitrogen accumulator

- Road suspension system on the rear wheels
- Rear axle lifting system with lifting of all frame
- Reduction of peak loads during transport resulting in longer lifetime and increased driving comfort



Hydropneumatic Suspension System

- Independent hydropneumatic suspension with up to 3 cylinders on each pick up, works with oil and nitrogen.
- Securing perfect floating and ground contour following at the highest driving speed
- Increase the lifetime as shocks are absorbed by the suspension system



High steering and manoeuvrability

- Mergers are designed to work in a small field as well thanks to the possibility to turn tight in headlands
- Adaptability to work in all condition field like hills
- Possibility to make use out of high maneuverability tractors



Electronic system

- An intuitive control unit operates all important functions
- Optional features like the auto stop of the belt when lifting the machine to secure a clean ending of the swath can be activated from the terminal



Electric Height Adjustment

- All S series machines are equipped with an electric height adjustment
- With this the basic setting of the tandem wheels can be done while the machine is in working position
- The fine tuning of the height is controlled via the underlink position of the tractor



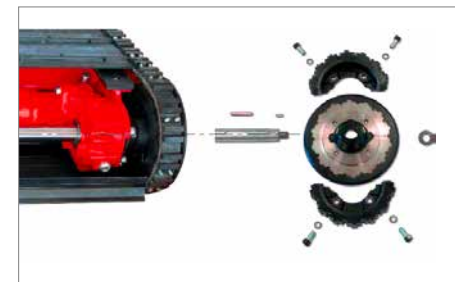
Working lights

- Themachine is equipped with work lights
- Operation during the night causes no problems
- Extend your working day
- Harvest sensitive crops a bit later
- maximum output secured



Optional auto lube system

- Reduce the daily maintenance to a minimum
- Ensures secure all points are continuously served with grease especially during long working days
- If not ordered, the points difficult to reach are still accumulated with grease banks to simplify the maintenance



Easy maintenance, quality and replacement components

- Our mergers are designed and built to be maintenance-friendly
- All components can be easily disassembled
- Wear parts are in small size and replaceable with limited efforts

UNIQUE PICK UP AND BELT DESIGN



Machine shown
with liftet roller.

Unique pick up and belt design

The Kverneland Roc 1038 S mergers are specifically designed to be mounted close to a tractor. Its lightweight design enables it to work effectively in hilly regions and areas with challenging terrain. The machine can be mounted on the front or rear of the tractor and allows raking without driving on the crop. With a transport width below 3 m and the standard mirrors on the machine make driving on the road more comfortable.

The unique pick up and belt design allows clean picking of the crop and an even crop flow. While primarily used for raking, it can also be used to turn existing swaths. As the crop is transported on the belt, no roping occurs. So the swath can if necessary be picked up and transported several times.

Using the hydraulic oil flow of the tractor, the belt can rotate to the left or right without the requirement of an electric control unit. A free line into the tank ensures that only one double acting and one single acting outlet is enough to run the machine. With the standard mechanically suspended tandem wheels the machine has excellent performance and good ground tracking. The headstock can turn, but is locked automatically as soon the machine is lifted.

Excellent performance in challenging environments

The optional hydraulic suspension ensures sensitive ground tracking, especially in challenging field conditions. The machine's skids provide constant protection for the pickup, ensuring that work can continue uninterrupted.

Working width 3.8m (12'6")
and transport width 2.95m
9'8".



Kverneland Roc 1038 S



Transport lock

When the Kverneland Roc 1038 S lifts, the headstock's mechanical system secures the pickup levelness, ensuring secure and stable transportation.



Transport lock.

Options

Optional suspension kit to reduce ground pressure. The kit is integrated in the standard oil flow and requires no additional hydraulics.



Suspension kit.

DISCOVER THE TALENT

KVERNELAND Roc 1073 S

High capacity in all conditions

Thanks to the high flexibility of this merger it is possible to adapt ideally to all crop conditions. Run the machine as centre swath unit in high volume crops or to turn existing swaths. Bring the machine into side delivery position to rake as much crop together as you like to reduce the cost for your forager. Well formed, not twisted swaths eases picking up any crop with any collecting machine at max capacity.

The Kverneland Roc 1073 S is a two pickup machine and is equipped with a hydraulic side shift of the pick up units allowing the operator to use the machine for side or centre delivery. Side delivery with the narrowest working width of 7 m, opening out to a maximum of 7.30 meters as centre swath.

The machine can be used for side or center delivery.

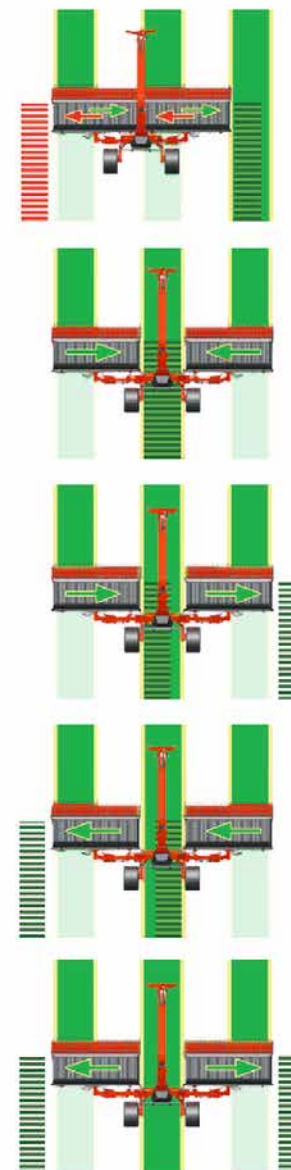
The machine is highly flexible and can prepare swaths according to your preferences. Safety systems are in place to allow the centre swath function when operating in the side swath position. The exceptional suspension system of the machine allow also high driving speeds in uneven fields.

Thanks to the large oil volume of the machine hydraulic, the Roc 1073 S can work under all conditions without any cooler that could get blocked by dust.

Advantages:

- Each pickup has large mechanical suspended tandem wheels.
- Operating with hydraulic suspension for pick-up units.
- Hydraulic suspension of transport wheels in transport position.
- The machine offers high versatility due to its ability to create both centre and side swaths.
- Safety in the hydraulic that a centre swath placement is not allowed when the machine is in a side swath position.
- Possibility to load crop on the stopped belt to clean corners.
- Transporting the machine on narrow roads with a width of only 2.5m.

Kverneland Roc 1073 S





The Kverneland Roc 1073 S can be folded into a width of only 2.5 meters for road transport.



Together with the roller, the machine performs well in all crop conditions, whether short or high in sugar content.

ALL GOOD THINGS COME IN THREES! KVERNELAND ROC RS 1000

The only merger in the market with 3 pickups and 10m working width.
Perfect contour following thanks to limited width of the individual pickups.
Get the best quality out of your product.



Brake back protection unique on Kverneland mergers.



Working partly or fully folded allows to rake smaller swaths and to just turn an existing swath as well.

As the other machines also the Kverneland ROC RS 1000 is equipped with large suspended tandem wheels under each pick up unit. The units are hydraulically suspended via the lift arm cylinder and on top via the stabilizing cylinder to control the position of the pick up in transport. Another unique feature is the overload protection of the outer units allowing the pick up to flex back in case of hitting an obstacle with the outer part of the machine. We like to keep you running. So just unfold the machine back into working position and you are back at work.

Being able to switch direction of each of the belts gives all the flexibility to prepare larger or smaller swaths fitting to your following machine. As the other machines this unit is designed to rake all crops. Thanks to the high quality of the Kverneland mergers you will enjoy the same performance year after year without limitations.

The only merger in the market that can work with just one belt down, with the others in transport.



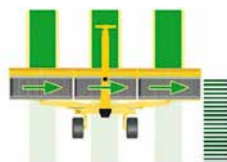
A suspended transport carrier provides an optimal solution for road transportation.



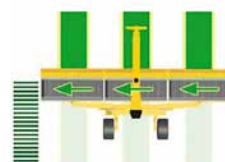
Advantages:

- The machine has three pick-ups that ensure perfect ground adaptation and clean raking.
- Possibility to work partly or fully folded.
- When folding up, the belt and pick-up will automatically switch off.
- Unique brake back protection of pick-up unit.
- In case of hitting a fence or tree with the machine outside, reduce damages to a minimum.
- During operation, the pickup is suspended by a unique three-cylinder suspension system for each unit, while the pickup is supported in addition by spring-suspended large tandem wheels.
- The oil tank inside the frame ensures reliable operation all day long, without needing a cooling system
- Possibility to load crop on the stopped belt to clean out field corners

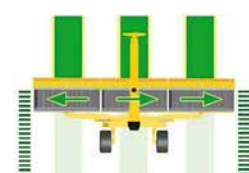
Kverneland ROC RS 1000 • Swath placement



1. All to the right



2. All to the left



3. Two units right one unit left



4. Two units left one unit right

ORIGINAL PARTS & SERVICE

LET'S FOCUS ON YOUR BUSINESS

ORIGINAL
PARTS

MYKVERNELAND SMARTER FARMING ON THE GO

A personalised online platform tailored to your machine needs

With MYKVERNELAND you will benefit from easy access to Kverneland's online service tools.

Receive first hand access to information on future developments and updates, operator and spare part manuals, FAQs and local VIP offers. All information is gathered in one place.



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TECHNICAL DATA

	Kverneland Mergers					
Model	Roc 1038 S	Roc 1073 S	ROC RS 1000			
Dimensions & Weight						
Working width m (ft)	3.8 (12'6")	7.3 (24')*	10.0 (32'10")*			
Pick up width m (ft)	2.95 (9'8")	2.95 (9'8")**	3x2.95 (9'10")***			
Swath width m (ft)	-	1.3 (4'3")	1.5 (5')			
Road transport width m (ft)	3.0 (9'10")	2.5 (8'2")	3.0 (9'10")			
Transport length m (ft)	-	4.65 (15'3")	5.12 (16'10")			
Transport height m (ft)	-	3.3 (10'10")	3.5 (11'5")			
Weight kg (lb)	980 (2161)	3440 (7584)	5200 (11464)			
Attachment to Tractor						
Power requirement hp (kw)	60 (45)	70 (52)	90 (67)			
12 V electric power supply	●	●	●			
Driven by tractor	hydraulic	PTO	PTO			
Oil flow required l/min (gpm)	35 (9)	50 (13)	60 (16)			
1 single acting outlet with free float pos. lifting and lowering	-	●	●			
1 double acting outlet plus one free return line	●	-	-			
1 double acting for folding	-	●	-			
2 double acting for folding right and left hand side	-	-	●			
Wheels						
480/45 R17	-	●	-			
500/50 R17	-	-	●			
Operation						
6 bar pick-up	●	●	●			
Automatic greasing kit	○	○	○			
Automatic belt switch off	-	○	○			
Hydro-pneumatic suspension system	○	●	●			

- Standard equipment
- Option
- Not available
- * Center swath
- ** 2 cam
- *** 3 cam



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