



Roc 1038-1073-RT 870-1000-1150

DRY CROP MERGER

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.





Improve crop quality, reduce harvesting costs and increase milk/ beef yield with Kverneland Roc 1000 series mergers.



PROCESS

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

HIGHER PRODUCTIVITY

Maximum crop protection



KVERNELAND Roc 1000 DRY CROP MERGER SERIES

EFFICIENT PERFORMING

Kverneland Roc dry crop mergers represent a revolutionary raking system. The main difference compared to traditional mergers. The special designed dry crop merger operate with an unique tine design allowing to pick up crops without using a roller or other guide on top of the pick up. This is very important if you like to harvest your sensitive crops to not squeeze the leafs. Our dry crop merges secure that you get the complete plant harvested. This is an important portion, secures highest qualities of your crop.

Kverneland Roc Mergers are designed for maximum flexibility in all crop conditions. Kverneland Mergers offers pick up widths from 2.95m to 10.35m.

The Product Range:

Kverneland Roc 1038

Front and rear 3 point mounted mergers
2.95m pick up width

Kverneland Roc 1073

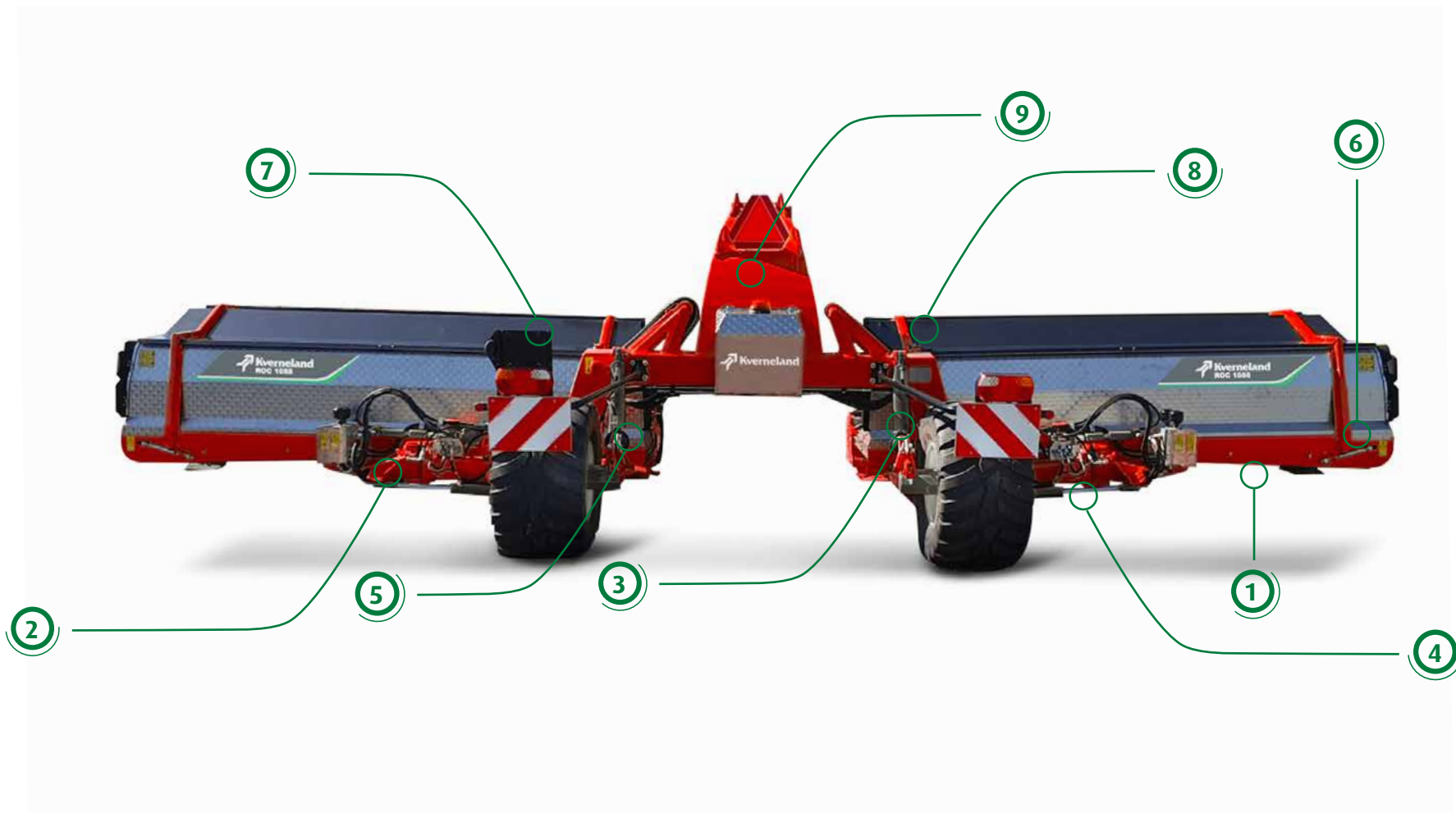
Universal mergers
Variable working width, 5.95m to 7.3m
- working width as center swath rake,
pick up width as side delivery

Kverneland ROC RT 870

Centre swath mergers
with 8.7 m working width

Kverneland ROC RT 1000-1150

Professional continuous mergers
with working widths from 10m to 11.5m



- ① **Tandem wheels** with mechanic suspensions
- ② **Hydraulic suspension system** on lift arm or carrier plus on the turning point of the pick up unit

- ③ **Road Suspension** via accumulator
- ④ **Electric height adjustment*** (*Optional for Kvernelanc Roc 1073)
- ⑤ **Modular design Belt System**

- ⑥ **Easy maintenance**, quality and replacement components
- ⑦ **Unique Pick-up construction**
- ⑧ **High steering** and manoeuvrability
- ⑨ **Electronic System**

KVERNELAND MERGERS

NO COMPROMISE BY HARVESTING OPERATIONS

Thanks to their technical features, Kverneland mergers are the best solutions for professionals who can not afford to compromise their harvesting operations productivity and crop quality.



1. Mechanic Suspension system

Four solid rubber wheels with spring suspension fix on tandem placed under each pick up secure a perfect contour following. Two additional skids protect the pick up in case of very deep tracks. In addition the wheels are not destroying the surface and don't require special attention in stony regions.



2. Hydropneumatic Suspension System

Independent hydropneumatics suspension with up to 3 cylinders on each pick up, works with oil and nitrogen. We don't care if it is wet rough or stoney. Our machines perform.

- Securing perfect floating and ground contour following.
- Increase the lifetime as shocks are absorbed by the suspension system



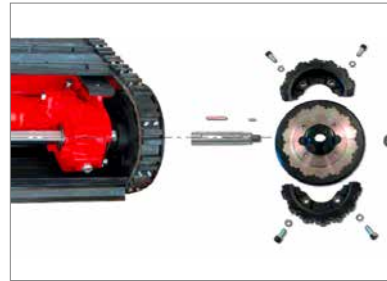
3. Road Suspension for transport axle via nitrogen accumulator

- 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



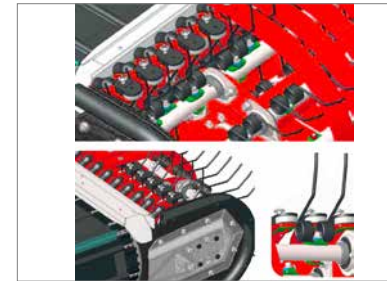
4. Modular bolted Belt System

- The belt of the machine is made in a modular system
- Easy maintenance with the possibility to disassemble every parts with one wrench
- The belt is design to last several thousand hours



5. Easy maintenance, quality and replacement components

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



6. Unique Pick-up construction

- Solid pick-up system with 5/6 rows of springs
- Special unique tine design avoid the product fall in front of the machine
- No stones and dirt in the crop
- Minimize the losing of leaves in product like alfalfa



7. High steering and manoeuvrability

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



8. Electronic system

- A simple control unit operates all important functions
- Standard features like the auto stop of the belt to secure a clean ending of the swath can be activated from the terminal. In case of a break down the merger can still continue working!



UNIQUE PICK UP AND BELT DESIGN



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



Suspension kit.

Unique pick up and belt design

The Roc 1038 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 a length of only 1.83 m it is no bigger than a mower. With a weight of only 820 kg smaller tractors can be utilised.

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 crop is transported on the belt, no roping occurs. So the swath can if necessary be picked up and transported several times.

Excellent performance and good ground tracking.

Using the hydraulic oil flow of the tractor, the belt can rotate to the left or right. A third free line into the tank ensures that only one double 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 as the machine is lifted.

Standard

Standard suspension to reduce ground pressure. The kit is integrated in the standard oil flow and requires no additional hydraulics. As well the cover kit for the belt is standard including mirrors for safe road transport.

Roc 1038





DISCOVER THE TALENT

Roc 1073

High capacity in all conditions

Thanks to the high flexibility of this merger it is possible to adapt ideal to all crop conditions. Run the machine as center 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. No roping as crop is not transported on the ground. Reduce the costs of your forager.

The Roc 1073 is built in two elements and is equipped with a hydraulic dual scale allowing the operator to use the machine for side or center delivery. Side delivery with the narrowest working width of 6.0 meters, opening out to a maximum of 7.30 meters as center a swath or to turn two swaths.

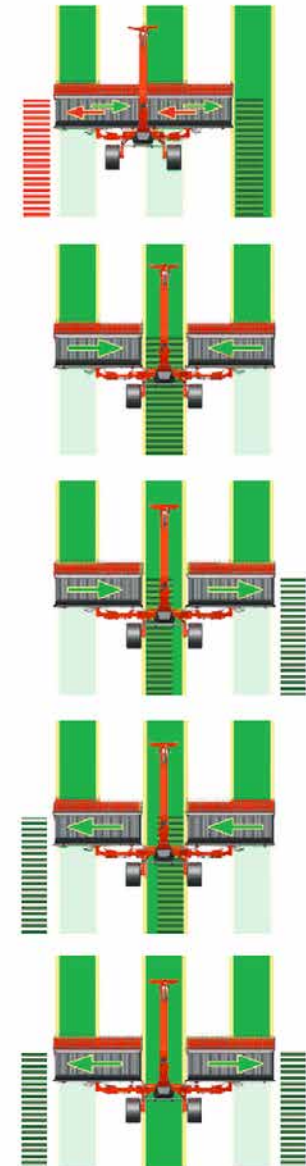
The machine can be used for side or center delivery.

When the pickups are joined, the belt merger can transport the crop off one side as a conveyor to the right or left, or both sides. If pick-ups are expanded, the rake can create a central swath, or on both sides with belts turning left or right, or both to the outside. As crop is transported on the belt, there is no roping. So the swath can be picked up and transported several times to create big volume swaths for high horsepower choppers. Standard the machine is delivered with the automatic belt switch off and corner wheels to prevent blockages.

Advantages:

- Clean raking of crop thanks to unique tine design and controlled pick-up.
- High capacity due to best in class suspension system.
- Protection of grass field due to wide suspended tandem wheels under the belt.
- Even and fluffy swaths due to unique belt design.
- High versatility in crop placing and swath volume.
- Possibility to load crop on the stopped belt to clean corners.

Roc 1073





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



Possibility to load crop on the stopped belt to clean corners.

KVERNELAND ROC RT 870

THE HAY SPECIALIST

The Kverneland ROC RT 870 is an exceptional machine that is performing excellent in hay, as the whole crop can be lifted, as well in center swath set up.

The Kverneland ROC RT 870 is a unique machine in the merger market where the center Belt can be easily taken out. The Pick up stays on position. This allows specially in hay crops to lift 100% of the Material from the ground, securing the best possible quality. Due to this high versatility it is also an ideal machine to feed all type of harvesting systems.

The machine has a perfect suspension system for ground tracking and high capacity in all field conditions. The pick-up and belt design ensures clean lifting and transportation of all crop types, preventing soil contamination.

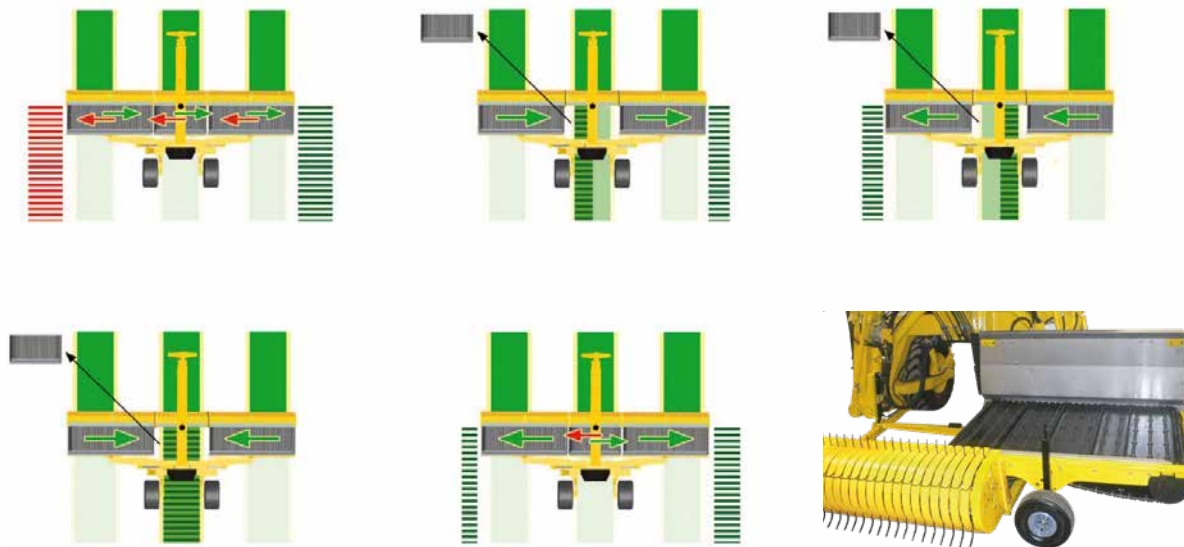
Clean lifting and transportation of all crop types.

The Kverneland ROC RT 870 is easy to use and has a unique break-back system that protects the pick-up and frame from damage caused by foreign objects. The machine requires low maintenance and offers easy repair access, providing low operating costs and maximising productivity. Thanks to the design with 3 pick ups the machine is following the ground contours in an ideal way.

Advantages:

- Only merger in the market lifting all crop working as a center swath rake
- The unique tine design and cam-controlled pick-up mechanism
- The exceptional suspension system allows for high capacity
- Suspended tandem wheels prevent grass field damage
- The unique belt design creates even and fluffy swaths
- Possibility of loading crop on the stopped belt to clean corners

Kverneland ROC RT 870



Transport position

With a transport width of only 2.5 m the machine can travel easily on narrow roads and does not require any special permissions.



Advanced features

Lot of features are standard with the machine. With a pair of small wheels on the belt the machine is ready to work also in the longest most tough crops without blocking. The wheels can be easily detached and stored on the machine if not needed. With the standard automatic belt switch off the machine stops the belt while lifting the unit for headland turn and restart after lowering.



GET THE BEST OUT OF YOUR CROP AND INCREASE THE HEALTH OF YOUR ANIMALS

Large working width mergers

Kverneland ROC RT 1000 and 1150 are continuous mergers designed for professional use.

Raking your Luzern in large or small rows is the talent of this units. Cleaning up field effizient, but still be able to adapt if conditions and crop Volumes change is a cor talent of this largest units. As the smaller units also the largest ones carry the inovative suspension system to operate day in and out.

Due to the high flexibility in folding the machine, as well as chosing different directions of turning the individual belts, it is possible to fit the swath sice to the next machine. In low volume cuts also this units allow to load the swath several times and merger several working widths into one row to be aas effieizient as possibel in the harvest and reduce tracks in the field to a minimum.



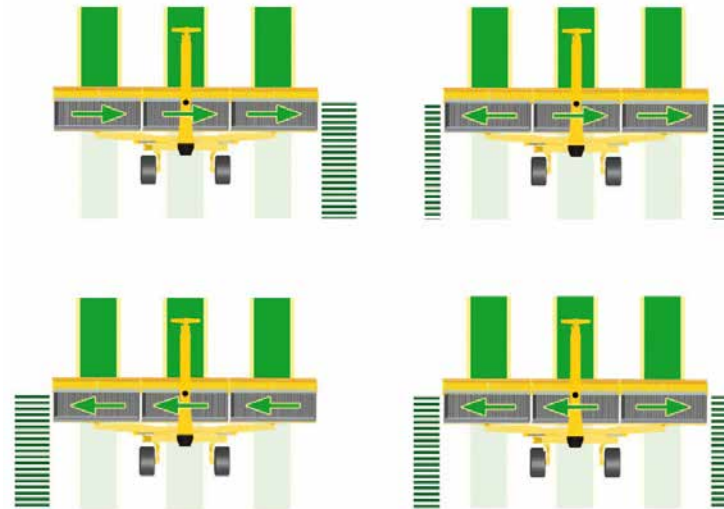
Only merger in the market that can work with just one belt down, with the other in transport.



Advantages:

- Possibility to work partly or fully folded to adapt to crop volume or to just turn existing swaths
- The unique tine design and cam-controlled pick-up allow for clean raking of crops
- Create fluffy swaths that continue trying for perfect quality crop - no late work as it can be raked during the hole day
- Brake back protection for outer units
- A hydraulic adjustable and suspended roller is ideal for use in short crops
- The tractor requires only 100 hp, for low power consumption and better harvest time
- Increase capacity of the next machine with high volume swaths

Kverneland ROC RT 1000-1150



Three pick-ups

Thanks to the innovative design using three pick ups, not following the low cost way of just extending the pick up units, the machines have an excellent contour following. The innovative suspension system of Roc mergers is as well used on this larger units to secure a high speed operation and long life time. Large oil volumes in the front part of the machine frame secure as well that the machine is able to operate in all situations without an additional cooling system.

Transport position

The machines have a transport width of 3m, which allows it to fit on all roads. It is the only machine on the market that can operate with one belt down while the other is in the transport position.



ORIGINAL PARTS & SERVICE

LET'S FOCUS ON YOUR BUSINESS

ORIGINAL
PARTS

- 
- ① LONG LASTING, HIGH QUALITY SPARE PARTS
 - ② OVER 100 YEARS OF PARTS KNOWLEDGE
 - ③ SUPPORT FROM A WIDE NETWORK OF DEALERS
 - ④ 24/7 SPARE PARTS SERVICE
 - ⑤ HIGHLY SKILLED DEALER TECHNICIANS

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.



TECHNICAL DATA

	Roc Mergers					
Model	1038	1073	RT 870	RT 1000	RT 1150	
Dimensions & Weight						
Working width m (ft)	3.8 (12'6")	7.3 (24')*	8.7 (28'6")	10 (32'10")	11.5 (37'9")	
Pick up width m (ft)	2.95 (9'8")	2x3 (9'10")**	7.6 (24'11")	8.9 (29'2")	10.25 (33'8")	
Swath width m (ft)	-	1.3 (4'3")	1.4 (4'7")			
Road transport width m (ft)	3.0 (9'10")	2.5 (8'2")	2.5 (8'2")	3.0 (9'10")	3.0 (9'10")	
Transport length m (ft)	1.83 (6')	4.74 (15'7")	5.15 (16'10")	5.12 (16'10")	5.37 (17'7")	
Transport height m (ft)	-	3.2 (10'6")	3.0 (9'10")	3.0 (9'10")	3.2 (10'6")	
Weight kg (lb)	890 (1962)	3196 (7046)	4440 (9788)	4980 (10980)	6340 (13977)	
Attachment to Tractor						
Power requirement hp (kw)	60 (45)	70 (52)	80 (60)	90 (67)	100 (75)	
12 V electric power supply	1x	2x	2x	2x	2x	
Driven by tractor	hydraulic	PTO	PTO	PTO	PTO	
Oil flow required l/min (gpm)	35 (9)	50 (13)	60 (19)	60 (19)	60 (19)	
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	●	-	-	-	●	
520/50 R17	-	-	●	●	-	
650/40 R22.5	-	-	-	-	●	
Operation						
6 bar pick-up	●	●	●	●	●	
Suspended Tandem wheel undercarrier	●	●	●	●	●	
Automatic greasing kit	-	○	○	○	○	
Automatic belt switch off	-	●	●	●	●	
Single small wheel kit on belt	-	●	●	-	-	
Hydro-pneumatic suspension system	●	●	●	●	●	
Cover kit for belt	●	-	-	●	-	

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



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we need an image
here to fit pages :)

WHEN FARMING MEANS BUSINESS

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