

ROC Mergers

RS 380

RS 730

RS 1000



Front-Mounted and Trailed Mergers



When passion makes the difference

KEEP YOUR SYSTEM RUNNING

When passion makes the difference

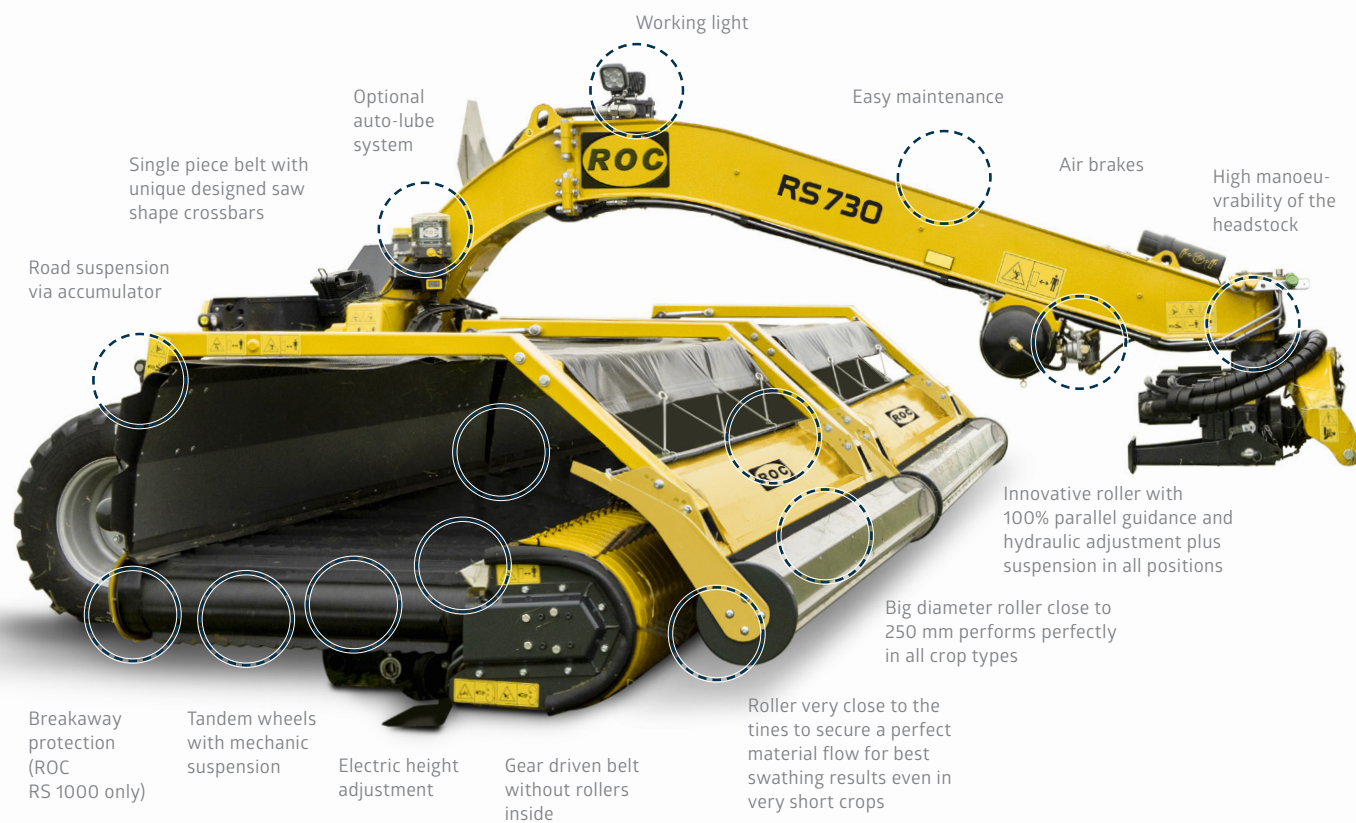


The ROC Merger is a revolutionary system that allows to pick up swaths of any width or configuration without being row sensitive. The product is lifted gently while remaining incredibly free of dirt or foreign material. After being lifted, the product is placed on a self-cleaning belt that does not require hourly or daily maintenance. The windrow is left light and fluffy as to promote fast uniform drying. With Harvesting machines increasing in horsepower, the RS series enables you to build windrows of any size depending on the tonnage of the crop by gently re-lifting a windrow that has already been merged and adding it to others for infinite widths, thereby increasing the productivity of your Harvesting Equipment without sacrificing the crop quality. The RS Series Guarantees a High Quality crop thanks to its remarkable suspension system, which controls ground pressure and oscillation of all the Pickup Heads as well as the transport wheels. Furthermore, The RS Series has a rear axle lifting system which can lift to a remarkable height of 1 m / 3 ft to clear large windrows while turning on the headlands. These features, together with Special Care for every detail, unsurpassed reliability, performance, and quality, make the RS Series the only real choice for Professionals who don't want to compromise on their harvesting operation and crop quality.

The ROC RS Series Mergers

More than just a Merger

ROC RS Series mergers have an excellent raking system. The RS Series is now available for all machines equipped with one or more 3m pick-ups. The pick-up system represents the main difference compared to traditional rakes. Lifting the crop instead of pushing it over the ground reduces crop pollution. Heavy crops can be efficiently merged with higher capacity due to belt transport.



The roller feature is designed for wet, short crops, making it suitable for all products and conditions, even in challenging situations.

Thanks to the completely customised pick-up unit, the machine is ideal for these conditions.

The RS Merger can also work in dry crops as well as wet crops. To generate extra clearance while not pressing the fragile leaves, the suspended roller can be easily lifted from the cabin. In addition to the roller, the standard 6-bar pick-up has a higher capacity in tough conditions. The single belt, with an innovative chain

saw shape on the crossbars, ensures an even crop flow and independence, whether it is a short last cut or dry straw. The ROC RS series of mergers is designed for maximum flexibility in all crop conditions, offering working widths ranging from 3.8m to 10m.

ROC Mergers

No compromise on harvesting operations

Thanks to their heavy-duty design and technical features, mergers are the best solution for professionals who don't want to compromise on their harvesting operation 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



Unique suspension for short crop roller device

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



Short Crop Specialist

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

“Specially designed belt and pick-up”



Unique Belt Drive

- The belt is driven by double gears
- No roller inside that can slide or accumulate dirt
- The belt has fibreglass reinforced crossbars with saw blade shape for high friction transport of heavy and light crops



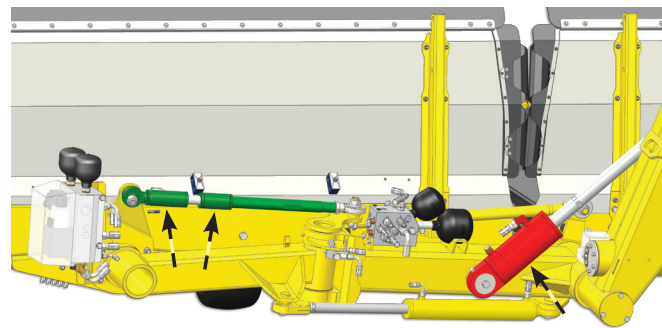
Mechanic Suspension system

- Four large solid 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 or holes
- The wheels do not damage the surface and do not require special attention in stony regions



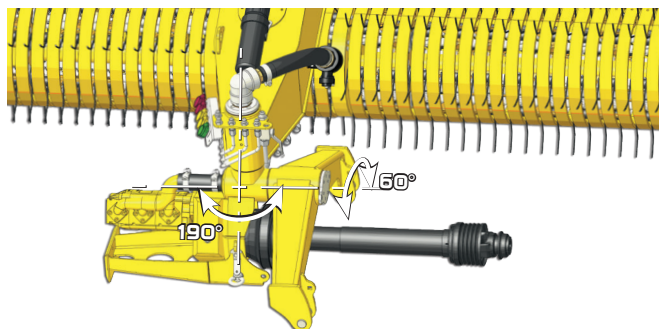
Road Suspension for transport axle via nitrogen accumulator

- Road suspension system on the rear wheels
- Rear axle lifting system with raising of the whole frame
- Reduction of peak loads during transport leading to longer lifetime of the machine and increased driving comfort



Hydropneumatic Suspension System

- Independent hydropneumatic suspension with up to 3 cylinders on each pick-up, working with oil and nitrogen
- Securing perfect floating and ground contour even at the highest driving speed
- Increased lifetime of the machine as shocks are absorbed by the suspension system



High steering and manoeuvrability

- The mergers are designed to work also in small fields thanks to the possibility to turn tight on headlands
- Adaptability to work in all field conditions, like hills, thanks to the horizontal axle, which allows a transversal 60° inclination



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 control box



Electric Height Adjustment

- All ROC RS series machines are equipped with an electric height adjustment system
- With this, the macro setting of the tandem wheels can be done while the machine is in working position
- The basic setting of the height is controlled via the tractor's linkage



Working lights

- The machine is equipped with working lights
- Operation during the night causes no problems
- Extension of your working day
- The working area is well illuminated, regardless the positioning of the tractor



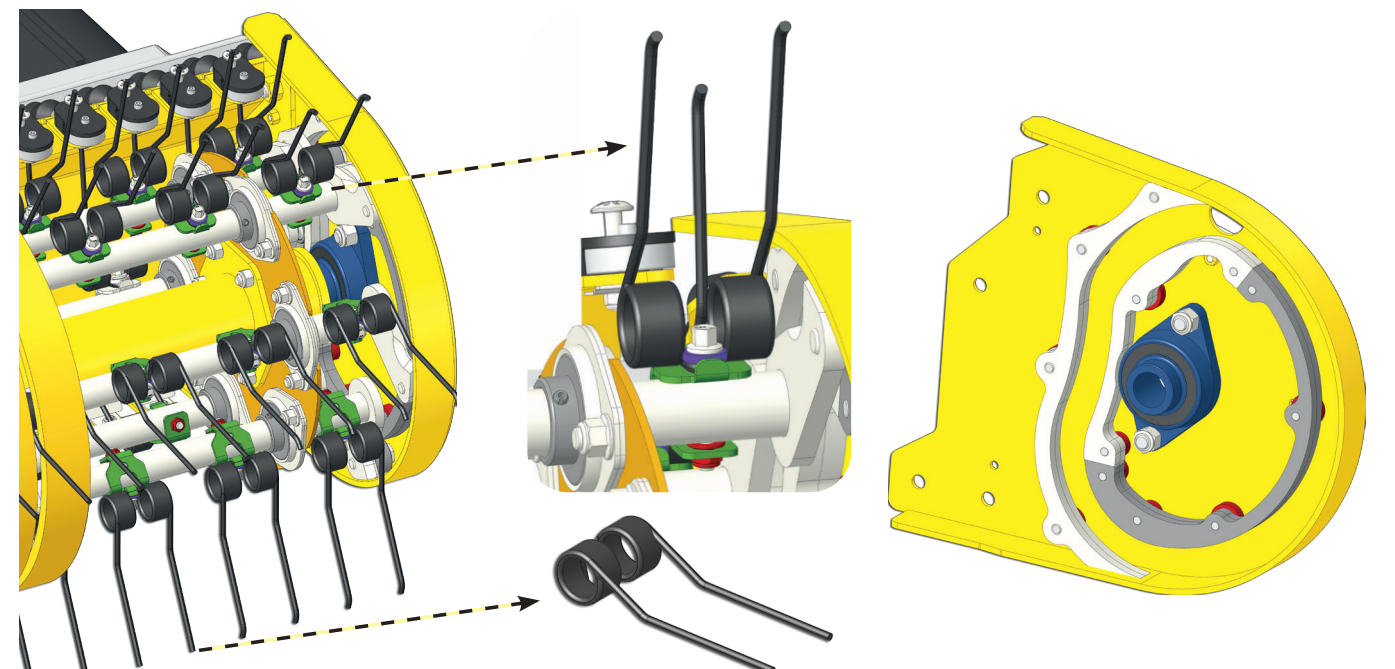
Optional auto-lube system

- Reduces daily maintenance to a minimum
- Ensures that all points are continuously served with grease, especially during long working days
- If not ordered, the points that are 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 with only one wrench
- Wear parts are small in size and replaceable with limited efforts

“Perfect floating and ground contour following”



ROC RS 1000 MERGERS

When passion makes the difference

RS 380

Front and reverse 3 point mounted merger with 3.8m working width



RS 730

Rear mounted, 2 belt merger. Variable working width, from 5.95m to 7.3m – side or central swath delivery



RS 1000

High capacity, rear mounted 3 belt merger with 10m working width - side delivery





Machine shown
with roller lifted.

Unique pick-up and belt design ROC RS 380

Unique Pick-up and Belt Design

The ROC RS 380 mergers are specifically designed to be mounted in front or in the rear of a tractor (if provided with reverse drive) and allow merging without driving over the crop. Its lightweight design enables it to work effectively in hilly regions and areas with challenging terrain. With a transport width below 3m and standard mirrors on the machine, driving on the road is much more comfortable.

The unique pick-up and belt design allows clean picking of crop and an even crop flow. While primarily used for merging, it can also be used to turn existing swaths.

As the crop is conveyed onto the belt, no roping occurs, so, if necessary, the swath can be picked up and transported several times.



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

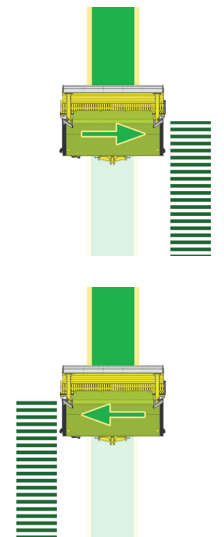
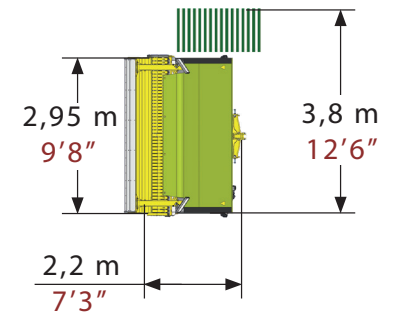
Hydraulic System

Using the hydraulic oil flow of the tractor, the belt direction can be inverted without the need for 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.

The optional hydraulic suspension ensures sensitive ground tracking, especially in challenging field conditions. The machine's emergency skids provide constant protection for the pick-up, avoiding damages.

**“Excellent performance
in challenging conditions”**

RS 380



1080 kg
2380 lb

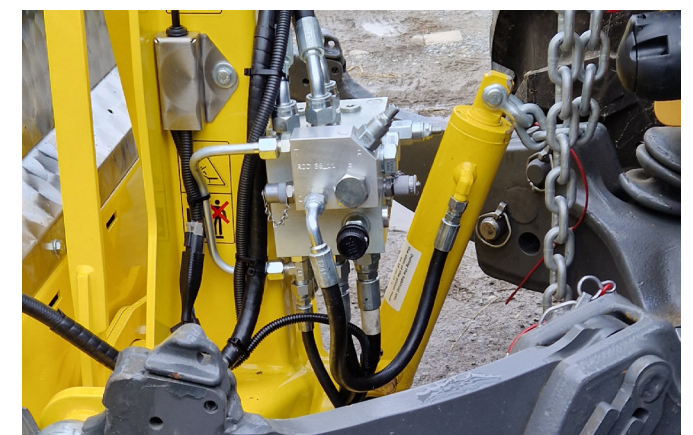
80 hp
60 kw

min.power
n.3
34 l/min 9 gpm



Transport lock

When the ROC RS 380 lifts, the headstock's mechanical system secures the pick-up levelness, ensuring safe and stable transportation.



Options

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



Discover the Talent **ROC RS 730**

High capacity in all conditions

Thanks to its high flexibility, this merger can adapt ideally to all crop conditions and operation needs. You can make a central swath with high volume crops or turn existing swaths, or even bring the machine into side delivery position to merge together as much crop as you like. This helps optimize the work of the forage harvester (loader wagon) or baler. Well formed and not twisted swaths ease the picking of any crop with any harvesting machine at maximum capacity.

The ROC RS 730 is a two pick-up machine and is equipped with a hydraulic side shift of the pick-up units, allowing the operator to use the machine for side or central delivery. The working width can go from 6m with side delivery to a maximum of 7.30m with central delivery.



The ROC RS 730 can be folded into a width of only 2.5m for road transport.



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

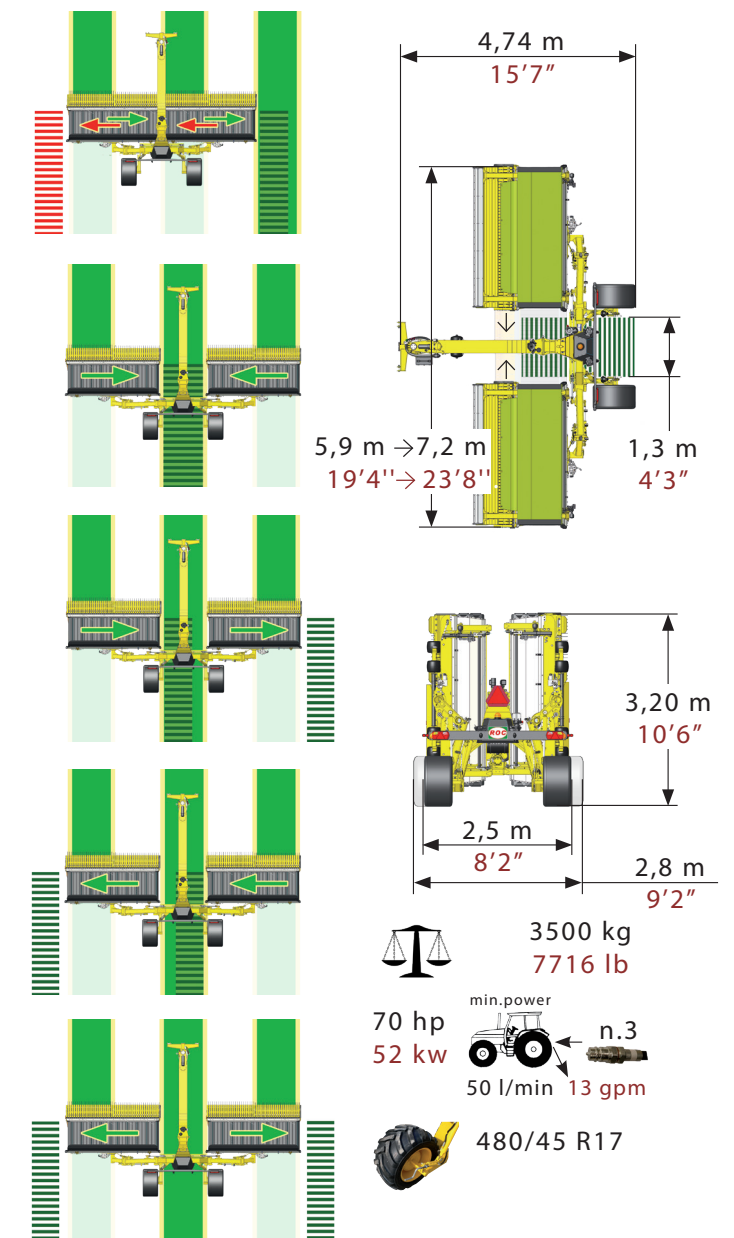
RS 730

Advantages:

- Each pick-up has large mechanical suspended tandem wheels.
- Operating with hydraulic suspension for pick-up units.
- Hydropneumatic suspension of rear wheels during transport.
- The machine offers high versatility thanks to its ability to create both centre and side swaths.
- Safety in the hydraulic is ensured as centre swath delivery is not allowed when the machine is in side swath position.
- Possibility to load crop on the stopped belt to clean corners.
- With a width of only 2.5m, the machine can be transported also on narrow roads.

The machine is highly flexible and can prepare swaths according to your preferences. The exceptional hydraulic suspension system of the machine allows also high driving speed in uneven fields.

Thanks to the large hydraulic oil volume of the machine, the ROC RS 730 can work under all conditions without any cooler, which could get blocked by dust.





All good things come in threes! **ROC RS 1000**

The best merger in the market with 3 pick-ups and 10m working width. Perfect contour following thanks to limited width of individual pick-ups. Get the best quality out of your crop.

As the other machines, also the ROC RS 1000 is equipped with large suspended tandem wheels under each pick up unit. The units are hydropneumatically suspended via the lift arm cylinder and on top via the stabilizing cylinder to control the position of the pick up while turning on headlands and during transport. Another unique feature is the overload protection of the outer units, allowing the pick-up to flex back in the case of hitting an obstacle with the outer part of the machine. We like keeping 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 you all the flexibility to prepare larger or smaller swaths fitting to your following machine. As the other machines, this unit is designed to merge all crops. Thanks to the high quality of ROC mergers, you will enjoy the same performance year after year without limitations.

Advantages:

- The machine has three pick-ups that ensure perfect ground adaptation and clean merging.
- 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, damages are reduced to a minimum.
- During operation, the pick-up is suspended by a unique three-cylinder suspension system for each unit, together with mechanical spring suspension fixed on four tandem wheels in each pick-up.
- The oil tank inside the frame ensures reliable operations all day long, without needing a cooling system.
- Possibility to load crop on the stopped belt to clean out field corners.

“**Working with just one belt down**
and with the others in transport position”

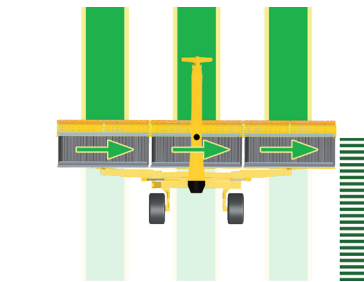


Working partly or fully folded allows to rake smaller swaths or to just turn an existing swath.

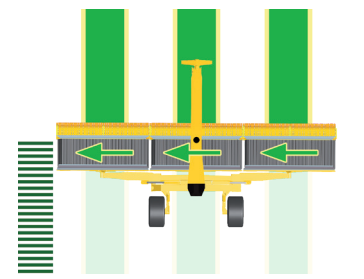


Unique hydropneumatic road suspension system for fast and stable road transport.

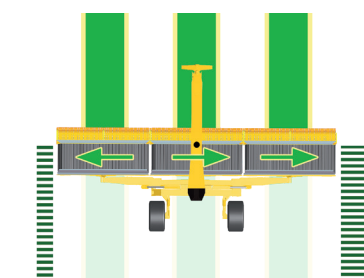
1. All to the right



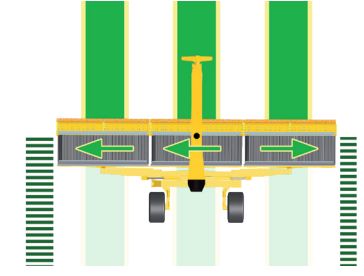
2. All to the left



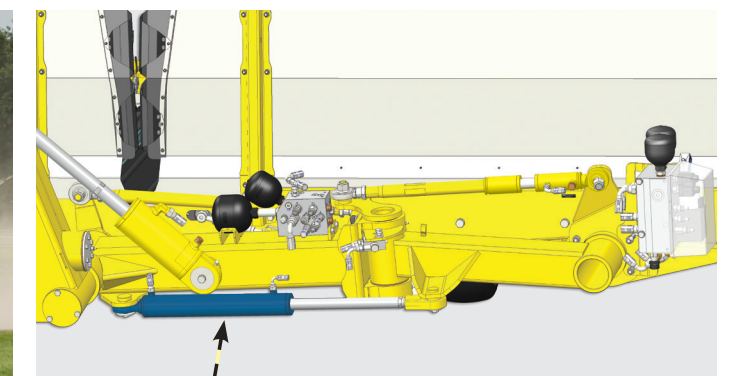
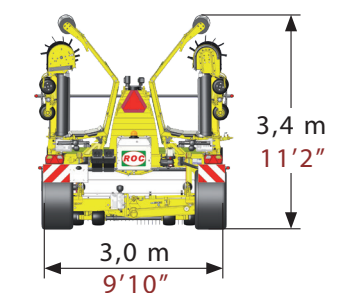
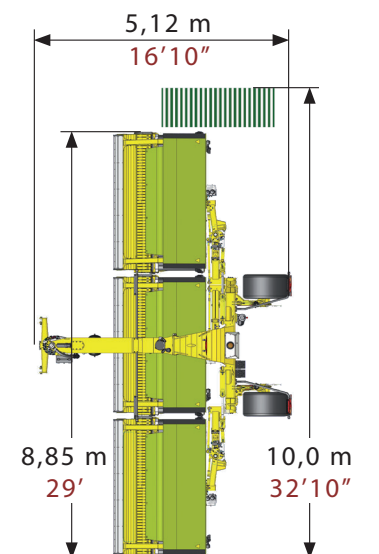
3. Two units right, one unit left



4. Two units left, one unit right



RS 1000



Unique brake back protection on mergers.



ROC

Via delle Industrie 2
47824 - Camerano - Poggio Torriana
(Rimini) - ITALY
Tel + 39 0541 68 03 15
Fax + 39 0541 62 73 26
www.roc.ag roc@roc.ag

ROC America

Off.: 3500 Three First National Plaza
Chicago IL 60602
Dep.: 275 Columbia St. Caro MI 48723
Tel 888 4 ROC 950 - 888 4762 950
Fax 989 673 6789
www.roc.ag roc@roc.ag