



ST 380-730-870-920-1000

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 ST series mergers.



PROCESS

With Kverneland ROC ST models, the nutrition value stays high as no roller is compressing sensitive material. This secures your work is payed maximum off.

HIGHER PRODUCTIVITY

Maximum crop protection



KVERNELAND ROC ST DRY CROP MERGER SERIES

EFFICIENT PERFORMING

Kverneland ROC ST 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 leaf. Our dry crop mergers secure that you get the complete plant harvested. This is an important portion, secures highest qualities of your crop.

Kverneland ROC ST Mergers are designed for maximum flexibility in all crop conditions. Kverneland Mergers offers pick up widths from 2.95m to 9m.

The Product Range:

Kverneland ROC ST 380

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

Kverneland ROC ST 730

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

Kverneland ROC ST 870

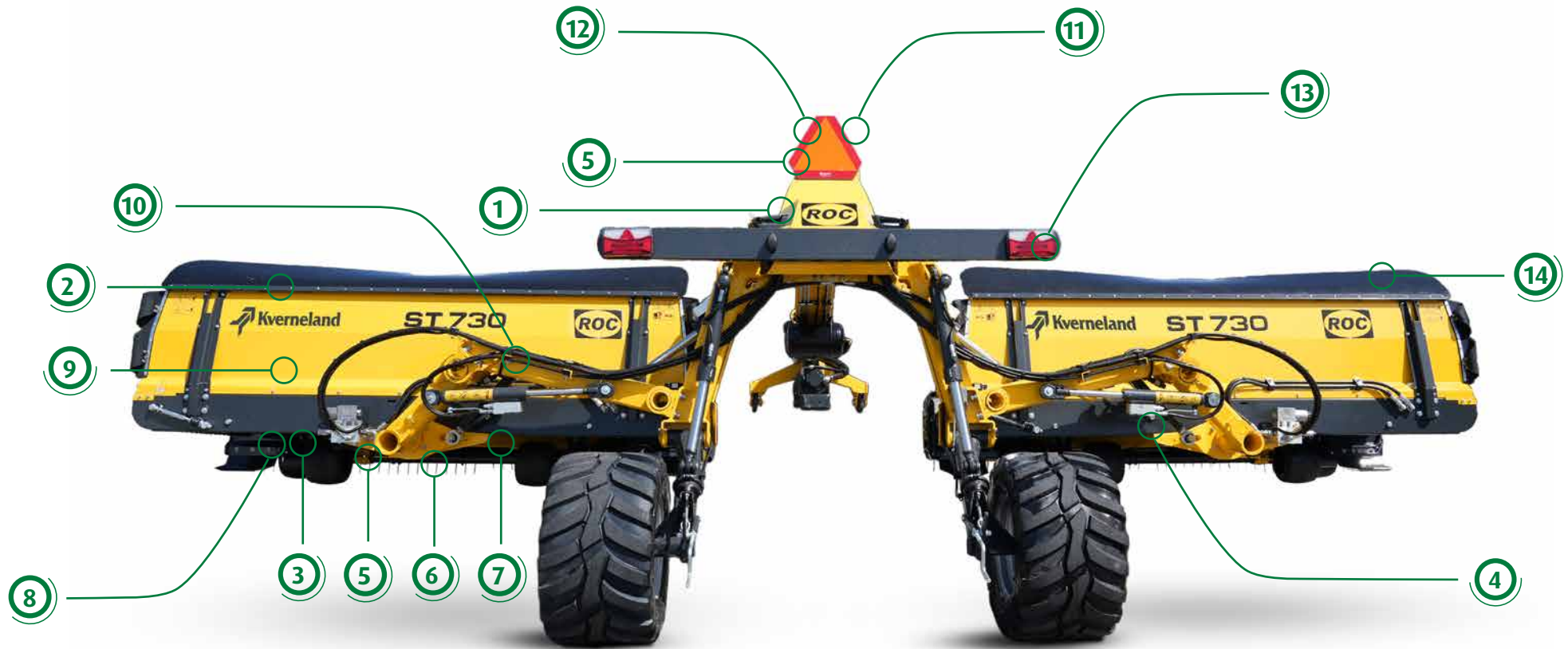
Universal merger, side and center swath.
As hay specialist the central pick up stays in position
to secure a 100% lifting of crop while creating perfect
center rows – 8.7 m working width

Kverneland ROC ST 920

Centre swath mergers
with 7.3m to 9.2m working width

Kverneland ROC ST 1000

Professional continuous mergers
with 10m working width



1 Hydraulic suspension system
on lift arm or carrier plus on the turning
point of the pick up unit

2 Road Suspension via accumulator

3 Easy maintenance, quality and
replacement components

4 Unique Pick-up construction

5 Electronic System

6 Breakaway protection (ROC trippelt only)

7 Gear Driven Belt without roller in
the center

8 Tandem Wheels with mechanical
suspensions

9 Road Suspension via accumulator

10 Single Piece Belt with unique designed
saw shape cross bars

11 Optional Air Brakes

12 Electric Height Adjustment*
(*standard ST 380)

**13 High Maneuverability of the
Headstock**

14 Reduced Ash Content and higher
working speeds increase your earnings and
reduce work hours.

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.



Mechanic Suspension 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
- The wheels are not destroying the surface and they do not require special attention in stony regions
- Wheels are more easy to pull compare to skids



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 following at the highest driving speed
- Increase the lifetime as shocks are absorbed by the suspension system

Perfect floating and ground contour following



Unique Belt Drive

- The belt is rotated by gears on the left and on the right
- 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



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 reduces product loss to a minimum



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



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



High Steering and Manoeuvrability

- The mergers are designed to work also in a small field 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 manoeuvrability tractors



Electronic System

- An intuitive control unit operates all important functions
- Emergency run if wire gets cut to finish the job
- Features*
*(except Kverneland ROC ST 380 / ST 920)



Electric Height Adjustment*

- All Kverneland ROC ST series machines are equipped with an opt. electric height adjustment system
- 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

(* Standard for Kverneland ROC ST 380)



Option Hydraulic Swath Guard

- Requires one double-acting hydraulic* outlet.
- Overload protection handles crop overloads.
- The swath board can be folded on top of the machine, when it is not used

*(on ST 380 manual)



UNIQUE PICK UP AND BELT DESIGN



No driving on crop.



Belt cover and mirrors standard on ROC ST 380.

Unique pick up and belt design

The Kverneland ROC ST 380 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 the machine is lifted.

Standard

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

Kverneland ROC ST 380





Hydraulic Suspension

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



Transport Lock

When the Kverneland ROC ST 380 lifts, the headstock's mechanical system secures the pickup levelness, ensuring safe and stable transportation.



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

DISCOVER THE TALENT KVERNELAND ROC ST 730

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 ST 730 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.

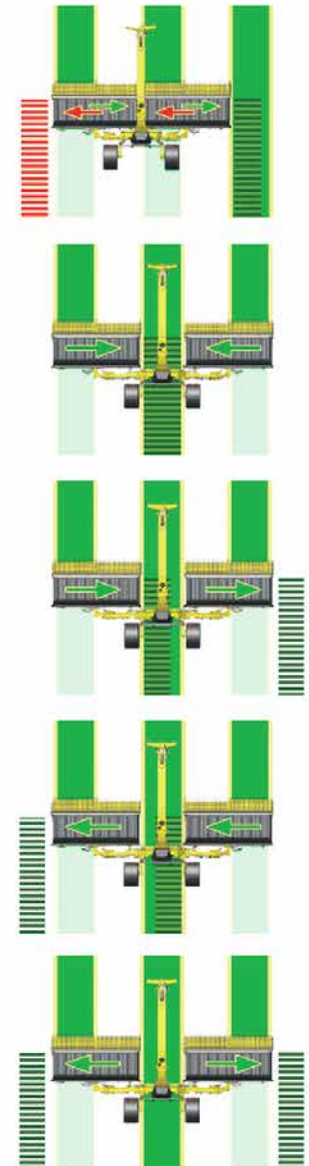
The machine can be used for side or center delivery.

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.

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.

Kverneland ROC ST 730





The Kverneland ROC ST 730 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 ST 870

THE HAY SPECIALIST

The Kverneland ROC ST 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 ST 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.

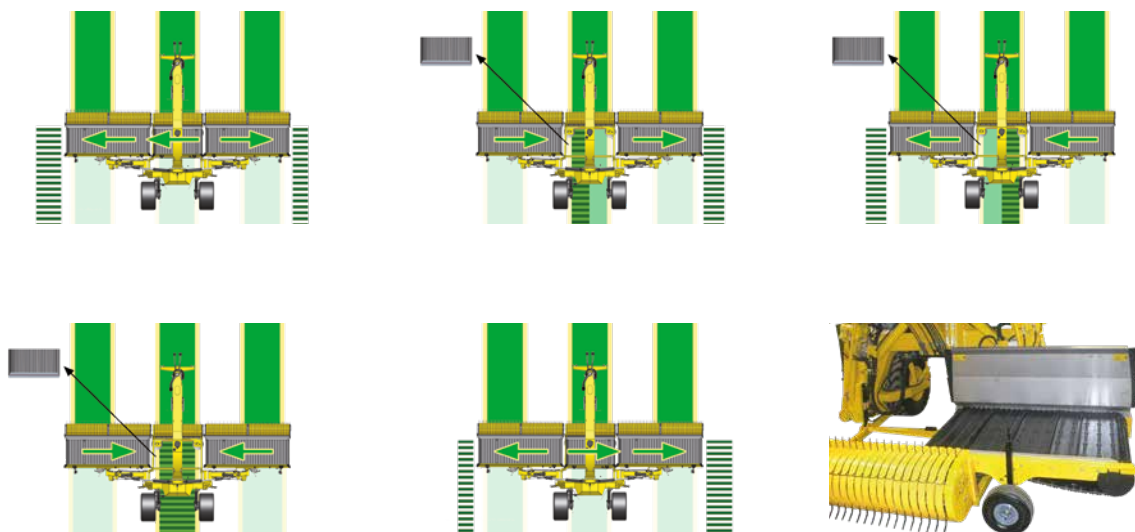
Clean lifting and transportation of all crop types.

The Kverneland ROC ST 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 compare to larger pick up widths.

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 ST 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. As for example the possibility to always carry the transport wheels for the center belt with the machine to be able to adapt if needed.





EFFICIENCY MEETS EXCELLENCE

KVERNELAND ROC ST 920

Maximum Versatility

The Kverneland ROC ST 920 is designed for ultimate flexibility and efficiency in forage harvesting. With its two pickup elements, each equipped with 3 cams, it ensures smooth and precise crop handling across varying field conditions. The machine offers a variable working width from 7.3 m to 9.2 m, thanks to a double hydraulic rocker arm system that enables real-time adjustment of pickup spacing—even during operation.

This dynamic adaptability allows operators to respond quickly to changing crop volumes and field layouts, maximizing productivity. Whether working in tight corners or wide open fields, the ROC ST 920 delivers consistent performance and clean raking results.

Fully ISOBUS Controlled - Smart Operation from the comfort of your Cabin

The ST 920 offers full ISOBUS control, allowing you to manage all key functions directly from the tractor cabin. For frequently used operations like headland lift, control remains on the tractor's hydraulic system to ensure maximum comfort and responsiveness.



ISOBUS control of all operations
from the cabin.



Benefits

- The pick towards the swath can be slower the pick up further away faster to load the belt as equal as possible in difficult crop conditions.
- The belt speed can be adapted to crop volume and allow an even row.
- Ideal in sensitive crops.



FLEXIBLE SWATH PLACEMENT FOR MAXIMUM CROP COLLECTION

3.65m Pick-up with the ST 920

With the ST 920, we use a larger pick-up measuring 3.65 meters. This pick-up includes all the features found in our smaller models, such as easy-to-replace bearings and cam track elements. It also offers a unique advantage made possible by its simple repair options.

We use three cam tracks in this pick-up design. As a result, the tine bars can remain short, allowing them to easily withstand heavy crop loads and high forward speeds. This setup ensures that even our larger pick-ups are built for intensive machine usage.



Optimized Gravity Point allow to use the small Tractors

With 2/3 of the weight on the transport wheels lifting capacity of small tractors is not the limit. High maneuverability at the headland is the conclusion.

Smooth operation, built to perform

Advantages:

- Adjustable Working Width: 7.3 m to 9.2 m via dual hydraulic rocker arms
- Versatile Discharge: Multiple belt discharge configurations (left, right, middle)
- Hydropneumatic Suspension: For smooth operation and road transport
- 6-Bar Pickup System: Improved crop lift with less damage
- 3 Cam per pick up: secure high stability in heavy crops and with high forward speeds
- Tandem Wheels: 4 tandem wheels with spring suspension
- Heavy-Duty Construction: Built for tough terrain and high output

Efficient operation

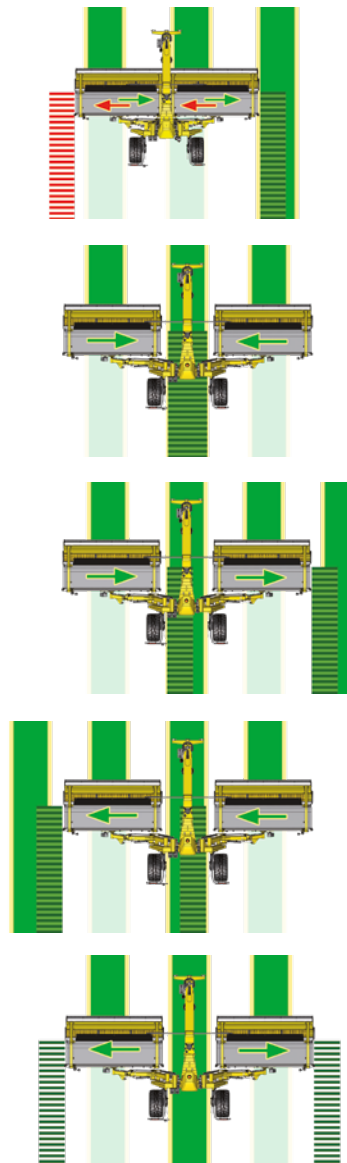
Equipped with a 6-bar pick-up, hydropneumatic suspension, and 4 tandem wheels, the Kverneland ROC ST 920 ensures clean crop gathering and a stable ride on any terrain and compact 3-meter transport width deliver safe, efficient operation from field to road.

Built for tough terrain and high output



Optional upgrades include electrically adjustable 4 tandem wheels, hydraulic swath guards for both left and right sides, and a homologated air brake system compliant with Mother Regulation and compact 3-meter transport width deliver safe, efficient operation from field to road.

Kverneland ROC ST 920





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

Large working width mergers

Kverneland ROC ST 1000 is continuous mergers designed for professional use.

Raking your Luzern in large or small rows is the talent of this units. Cleaning up field efficient, 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 as efficient as possibel in the harvest and reduce tracks in the field to a minimum.



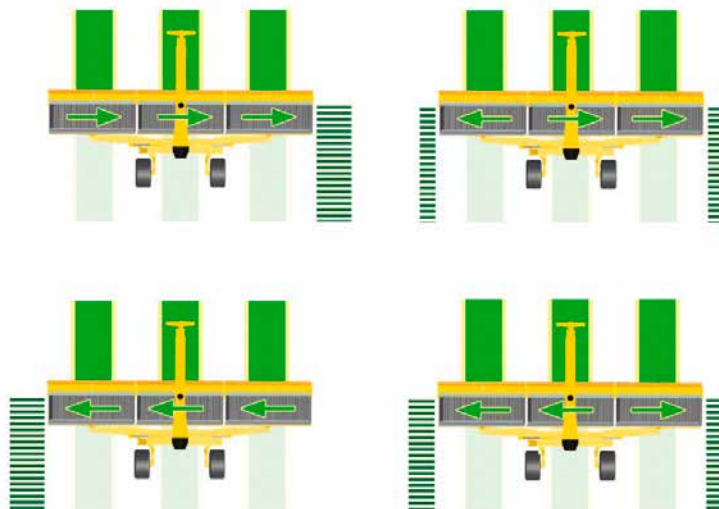
Only merger in the market that can work with just one belt down, with the other in transport.



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
- 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 ST 1000



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

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TECHNICAL DATA

	ROC Mergers					
Model	ST 380	ST 730	ST 870	ST 920	ST 1000	
Dimensions & Weight						
Working width m (ft)	3.8 (12'6")	7.2 (23'6")*	8.7 (28'6")	9.2 (30'2")	10 (32'10")	
Pick up width m (ft)	2.95 (9'8")	2x3 (9'10")**	7.6 (24'11")	2x3.65 (12')	8.9 (29'2")	
Swath width m (ft)	-	1.3 (4'3")	1.4 (4'7")	0.60-1.90 (2'-6'2")	-	
Road transport width m (ft)	3.0 (9'10")	2.5 (8'2")	2.5 (8'2")	2.96 (9'7")	3.0 (9'10")	
Transport length m (ft)	2.15 (7'1")	4.74 (15'6")	5.15 (16'10")	6.16 (20'2")	5.12 (16'10")	
Transport height m (ft)	1.57 (5'15")	3.2 (10'6")	3.1 (10'2")	3.25 (10'7")	3.1 (10'2")	
Weight kg (lb)	940 (2072)	3120 (6878)	4190 (9237)	4670 (10296)	4620 (10185)	
Attachment to Tractor						
Power requirement hp (kw)	60 (45)	70 (52)	80 (60)	90 (67)	90 (67)	
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	-	●	-	-	-	
520/50 R17	-	-	●	-	●	
500/50 R22.5	-	-	-	●	-	
Operation						
6 bar pick-up	●	●	●	●	●	
Suspended tandem wheel	●	●	●	●	●	
Automatic greasing kit	-	-	-	○	-	
Automatic belt switch off + working & flashing lights	-	-	-	○	-	
Hydro-pneumatic suspension system	●	●	●	●	●	
Cover kit for belt	○	-	-	-	-	
Electric adjustment of tandem wheels	●	○	○	○	○	
Hydraulic swath board, right side	manual ●	○	○	○	○	

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



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