

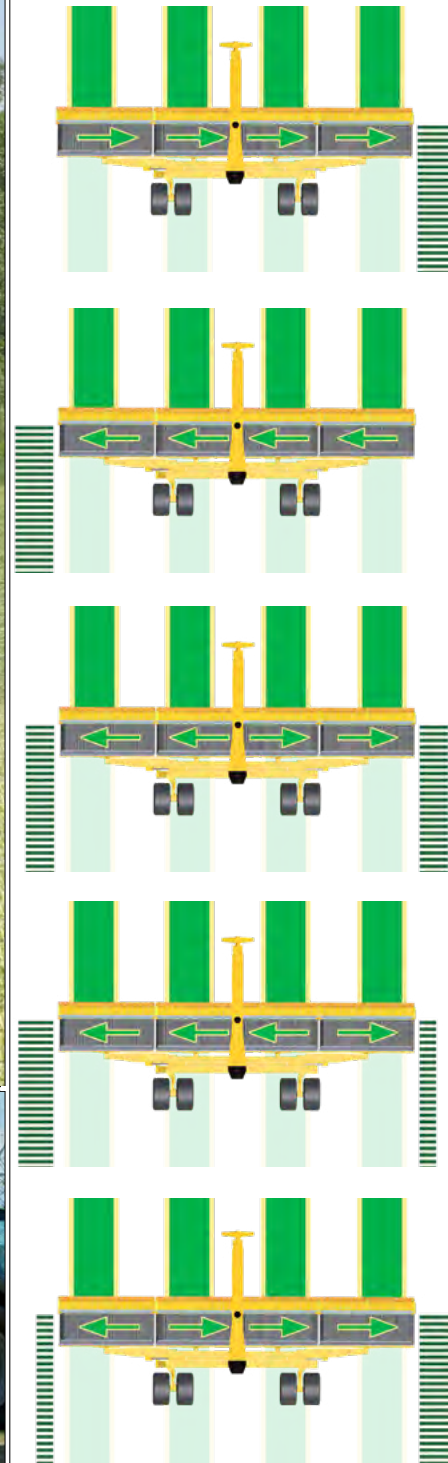
*SERIES RT*

# ROC





# RT 1220



2



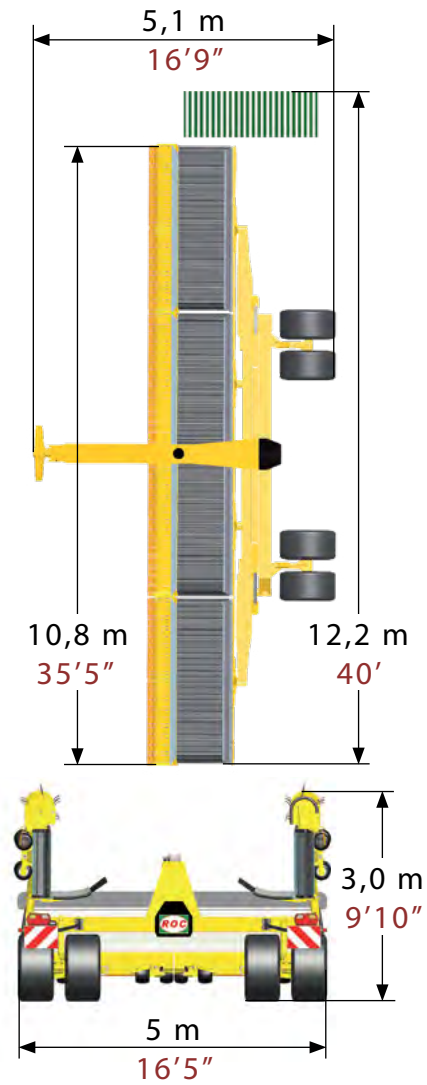
3





4




# RT 1220



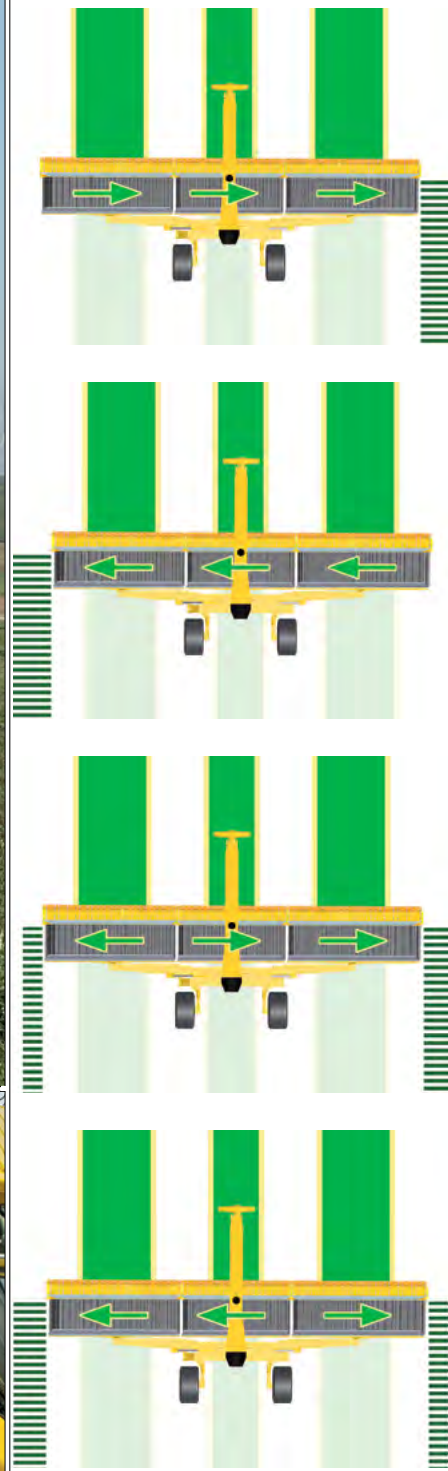
 520/50 R17

 5990 kg  
13205 lb

110 hp min.power  
82 kw  n.5  
60 l/min 16 gpm

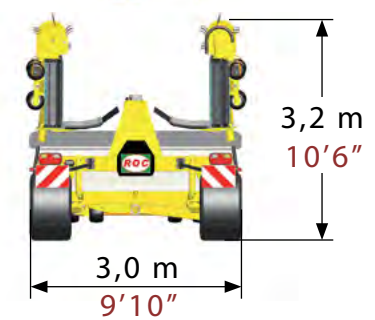
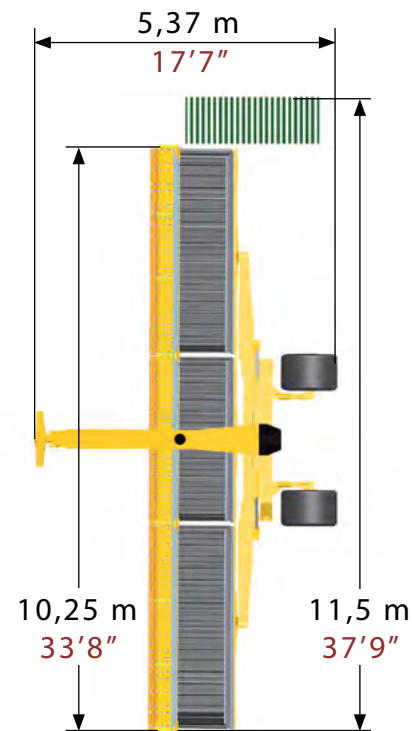


# RT 1150





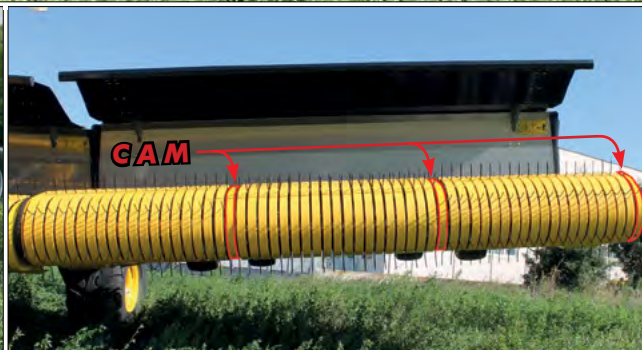
# RT 1150



13




14






15



16

 650/40 R22,5  
500/45 R22,5

 6340 kg  
13977 lb

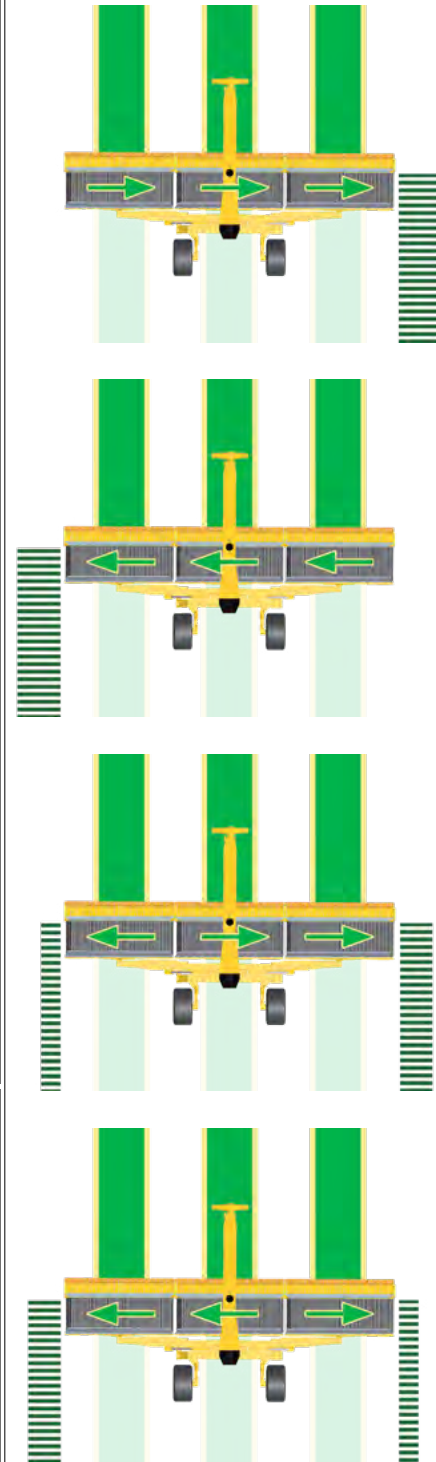
100 hp min.power  
75 kw  n.5  
60 l/min 16 gpm 



# RT 1000



17



18



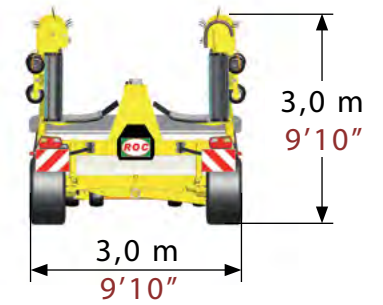
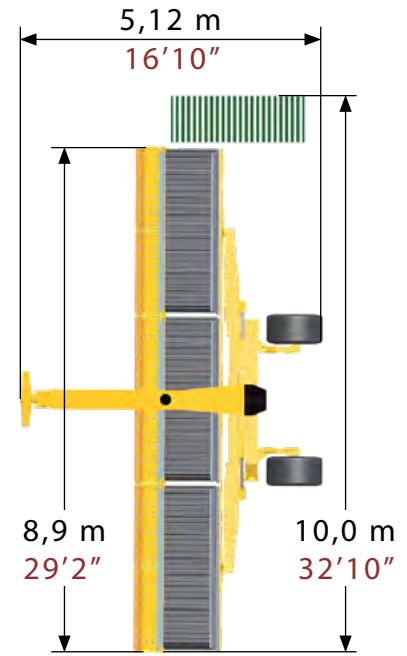
19



20



# RT 1000



21



22



23



24



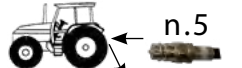
520/50 R17



4980 kg  
10980 lb

90 hp  
67 kw

min.power



60 l/min 16 gpm

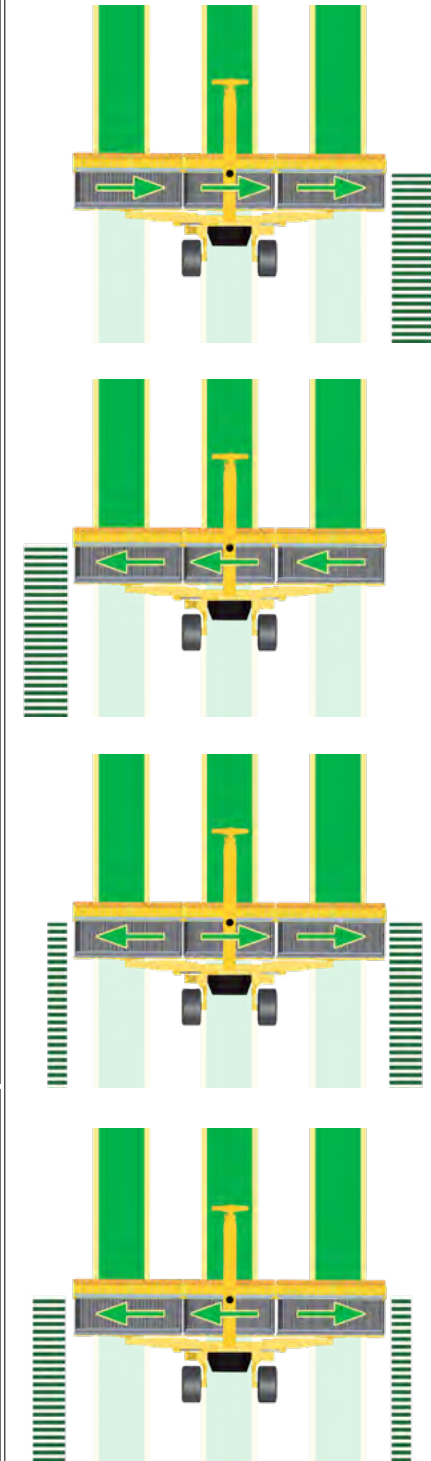
n.5



# RT 950



25



26



27

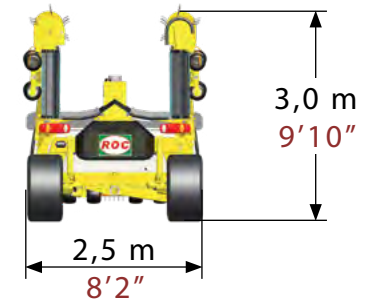
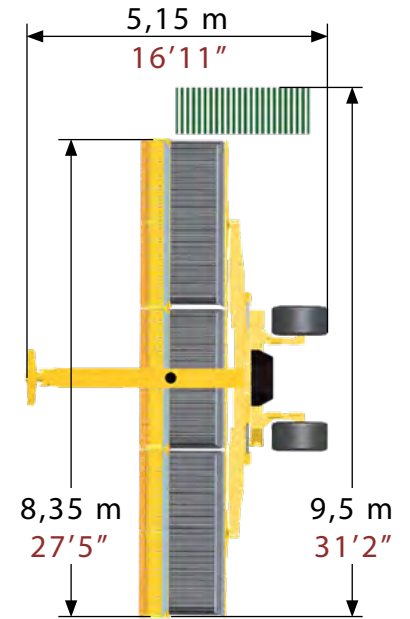


28





# RT 950



29



30



31



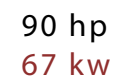
32



520/50 R17



4780 kg  
10538 lb



90 hp  
67 kw

min.power



n.5

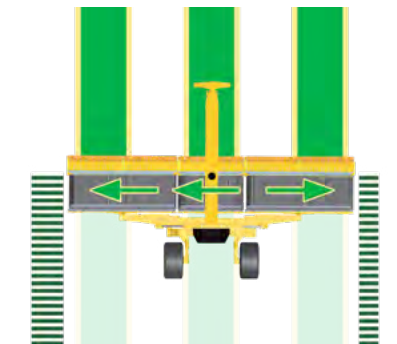
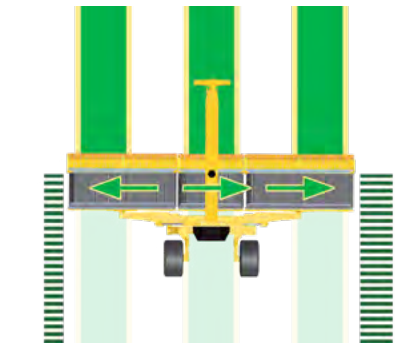
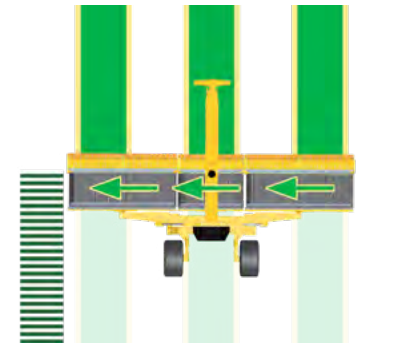
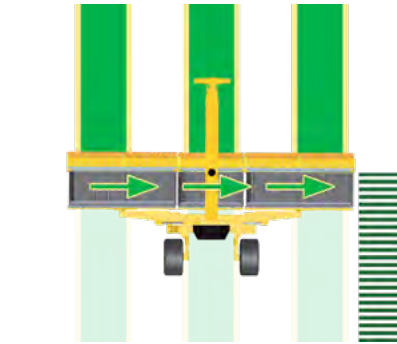
60 l/min 16 gpm



# RT 870



33



34



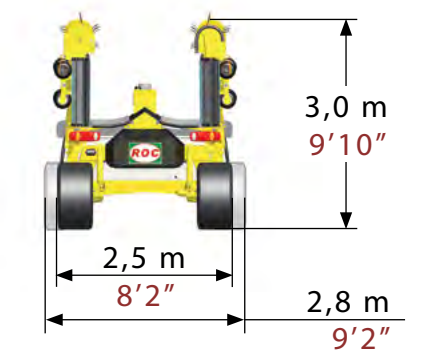
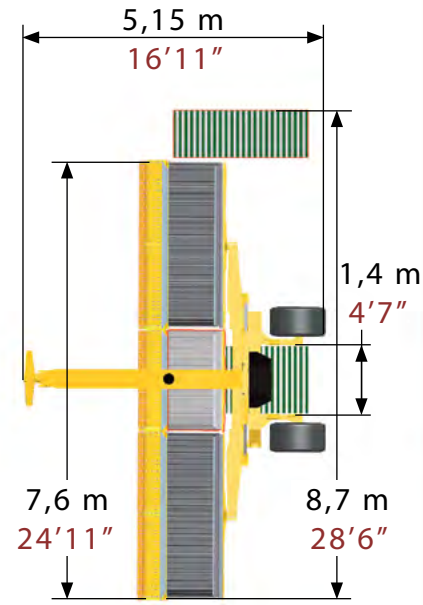
35



36



# RT 870



37




38




39




40

 520/50 R17

 4440 kg  
9788 lb

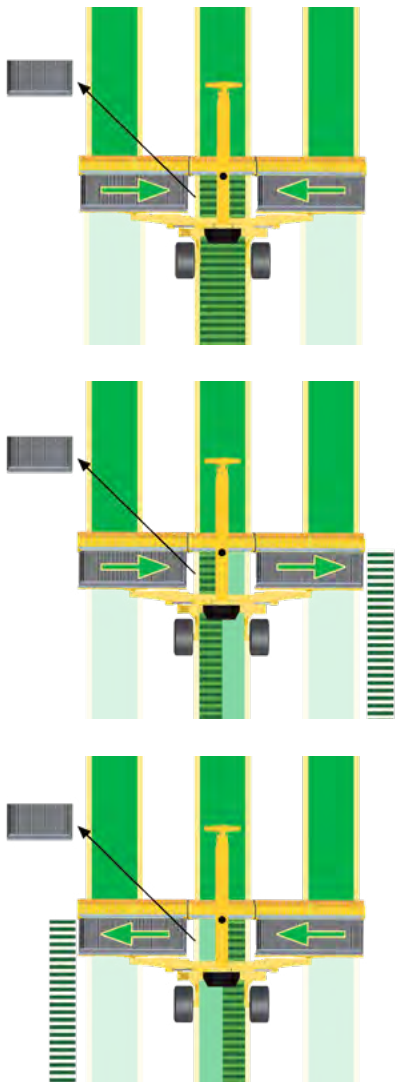
80 hp  
60 kw

min.power  
60 l/min 16 gpm

 n.3



# RT 870



41



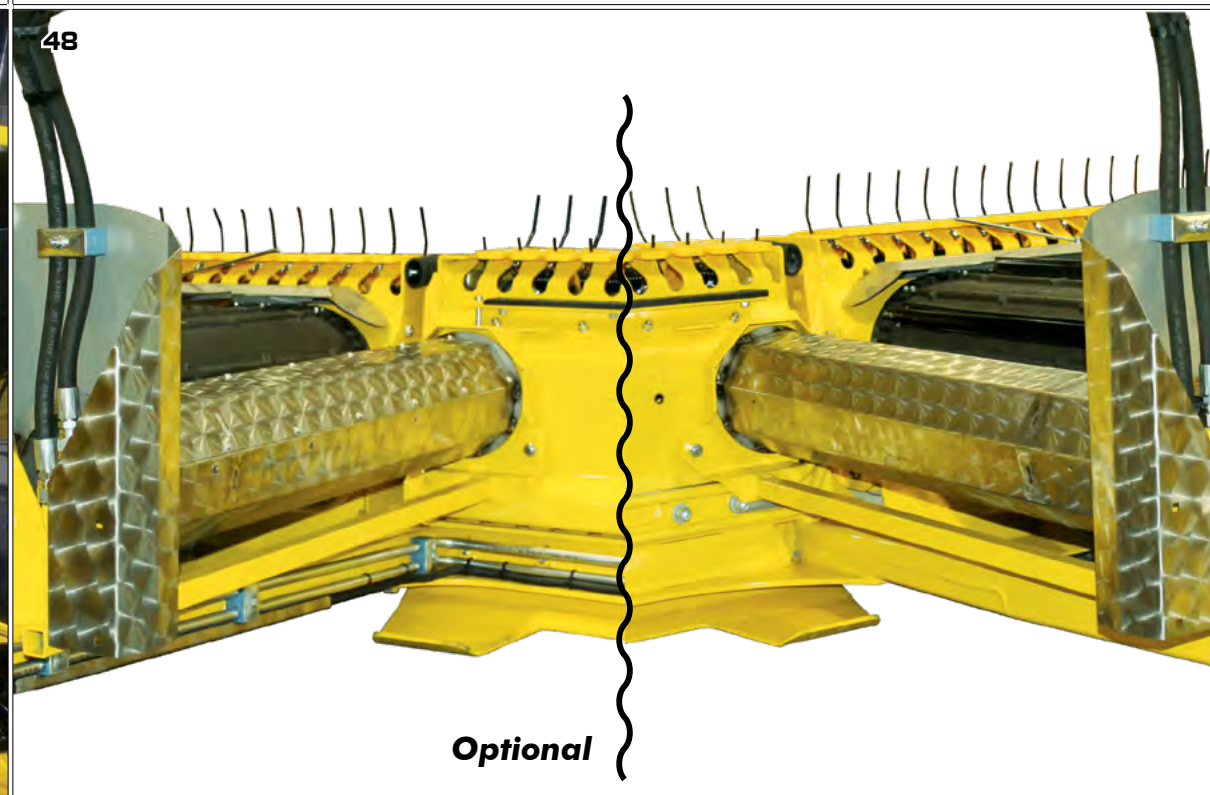
42



43

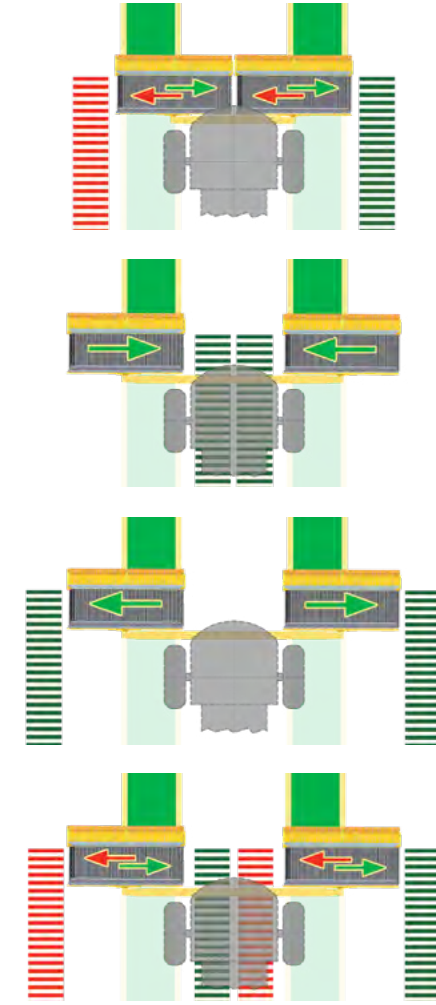


44





# RT 840 RT 840 M



49



50



51



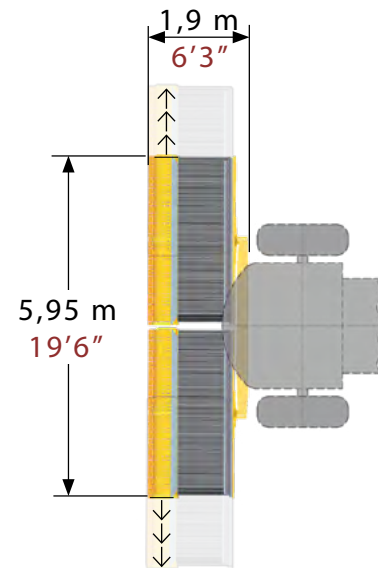
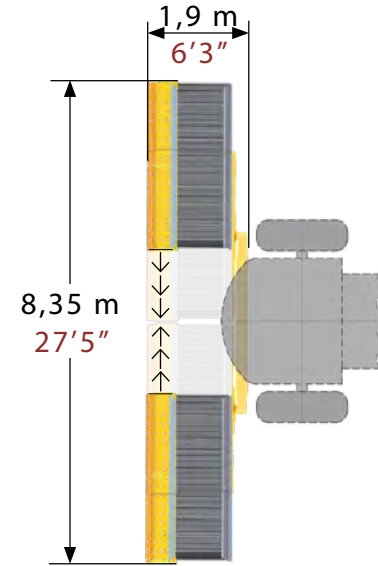
52



# RT 840 RT 840 M



53



54



55



56



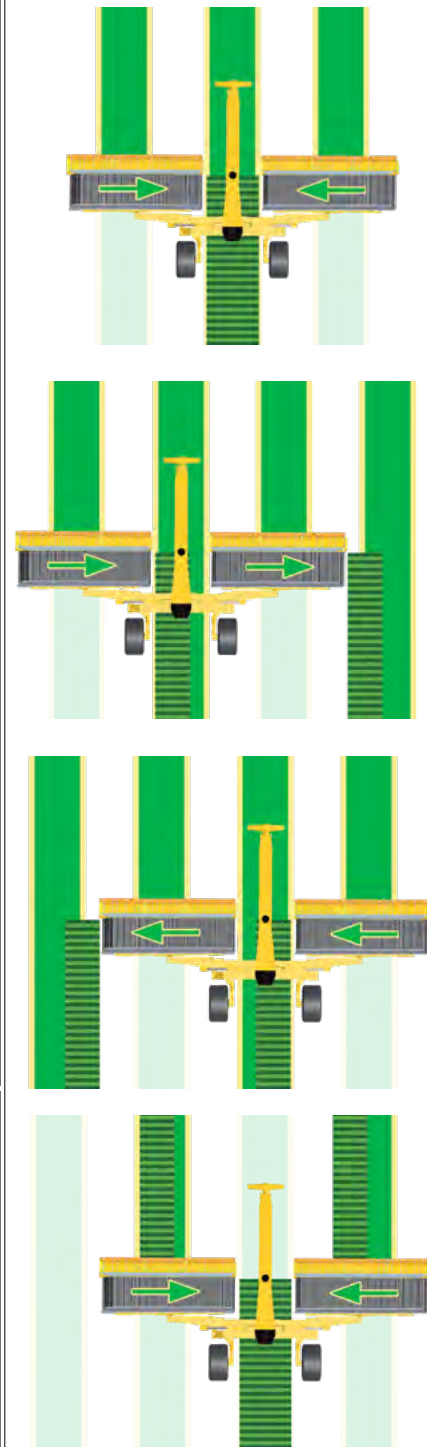
2290 kg  
5048 lb



# RT 880



57



58



59

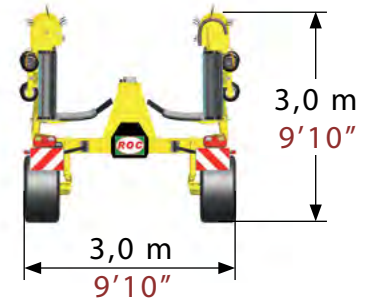
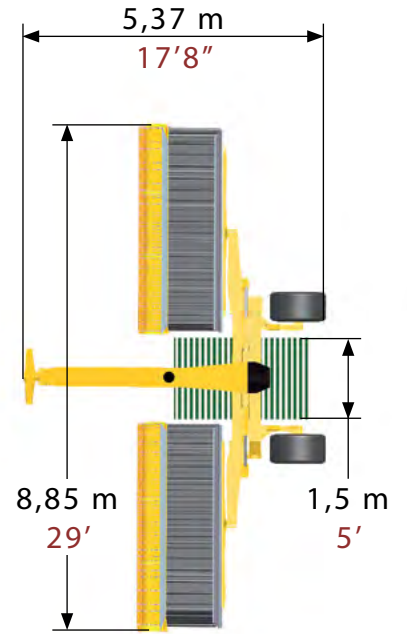


60





# RT 880



61



62



63



64

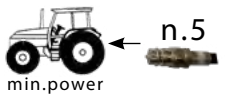


500/45 R22,5



4950 kg  
10912 lb

80 hp  
60 kw

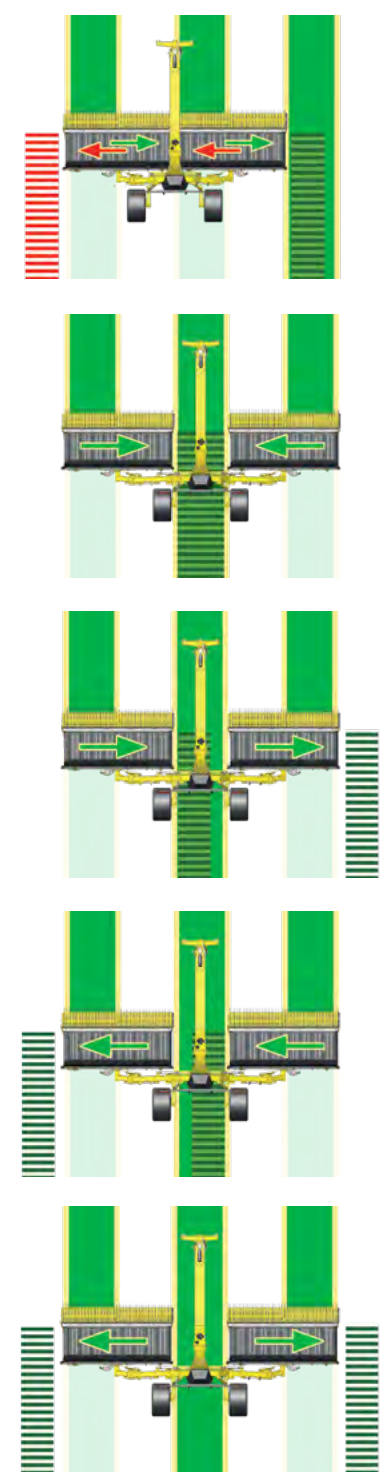


n.5

min.power



# RT 730



65



66



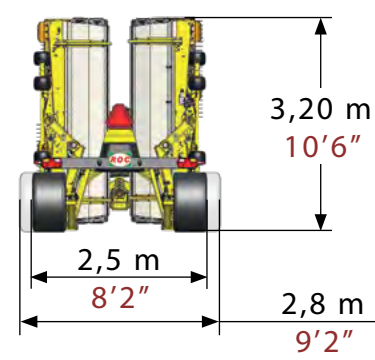
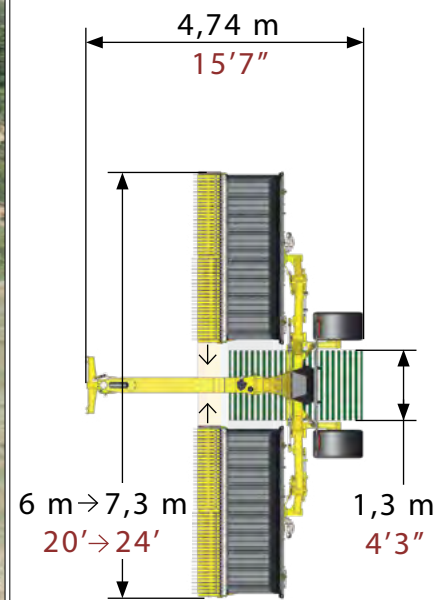
67



68



# RT 730



69




70



71




72

 480/45 R17

 3180 kg  
7010 lb

70 hp  
52 kw

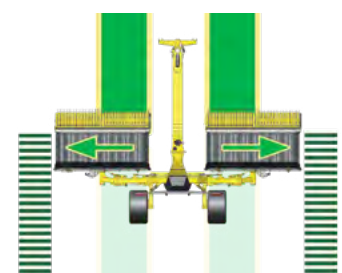
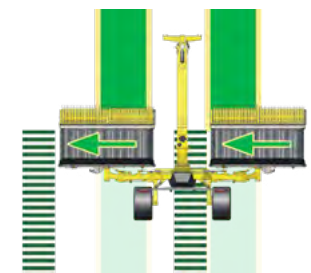
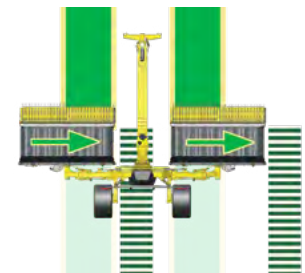
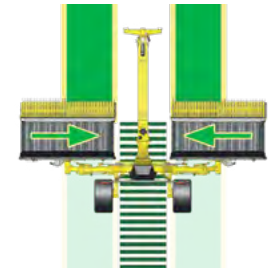
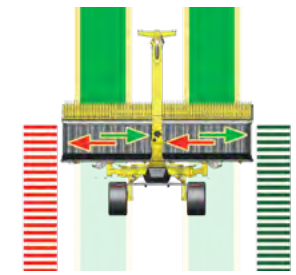
min.power  n.3  
50 l/min 13 gpm



# RT 630



73



74



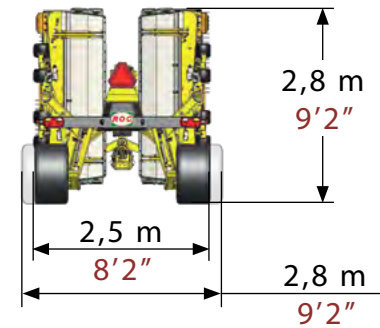
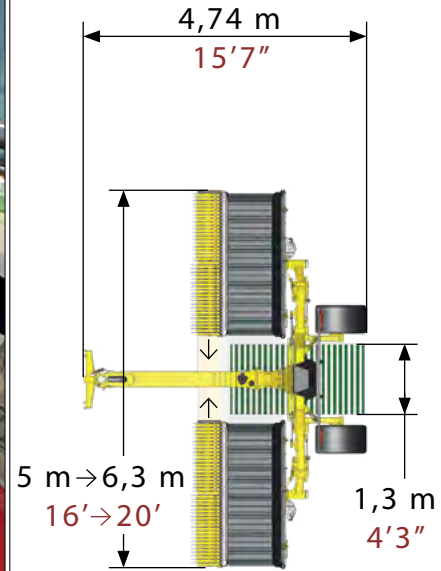
75



76



# RT 630



77



78



79



80



480/45 R17



2950 kg  
6503 lb

70 hp  
52 kw

min.power

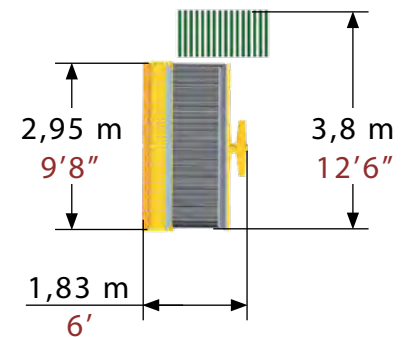
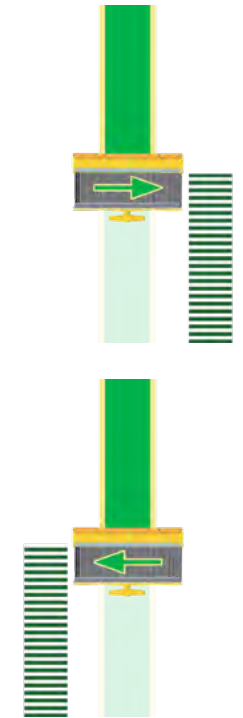


n.3

50 l/min 13 gpm



# RT 380



81



82



83



84



890 kg  
1962 lb

60 hp  
45 kw

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



*Corn or sorghum stock*

85



*Straw*

86



*Miscanthus*

87

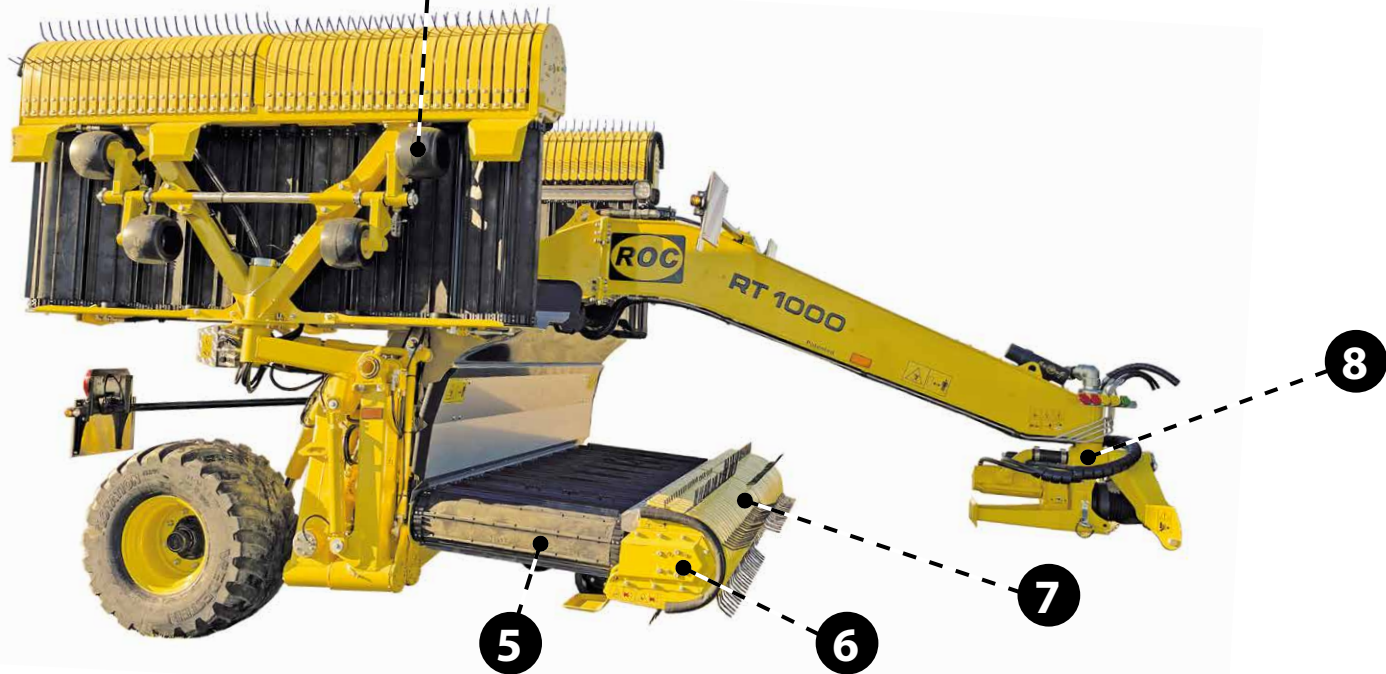
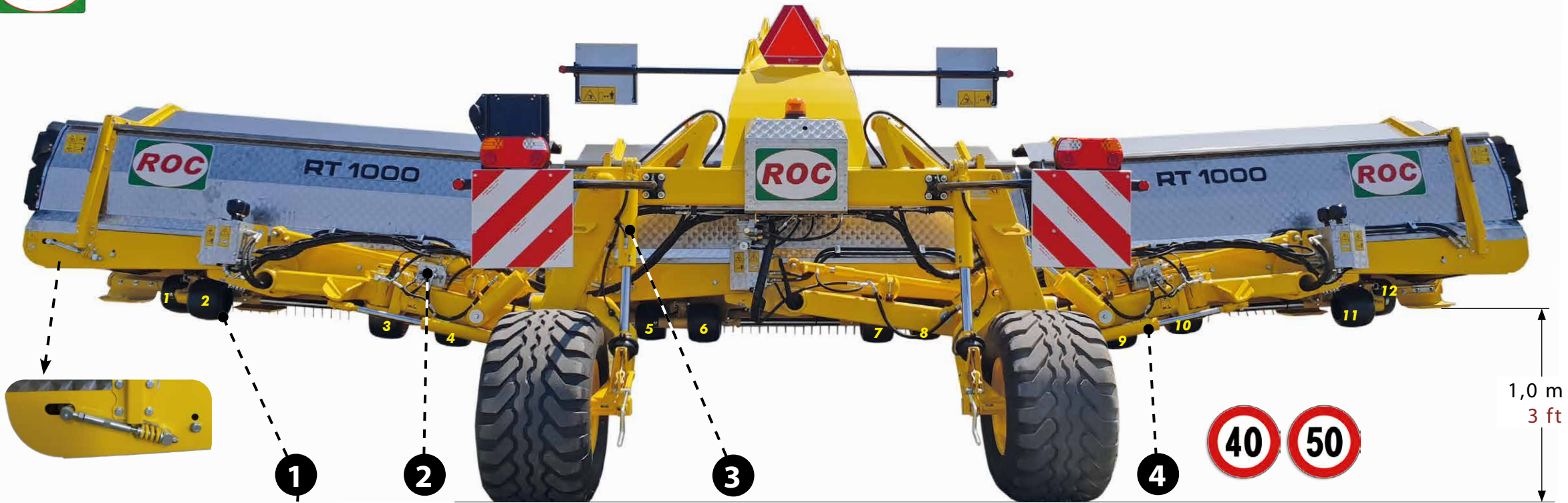


*Wet crop*

88



## ROC mergers – key features overview



ROC mergers can offer the best performance on the merger market in terms of :

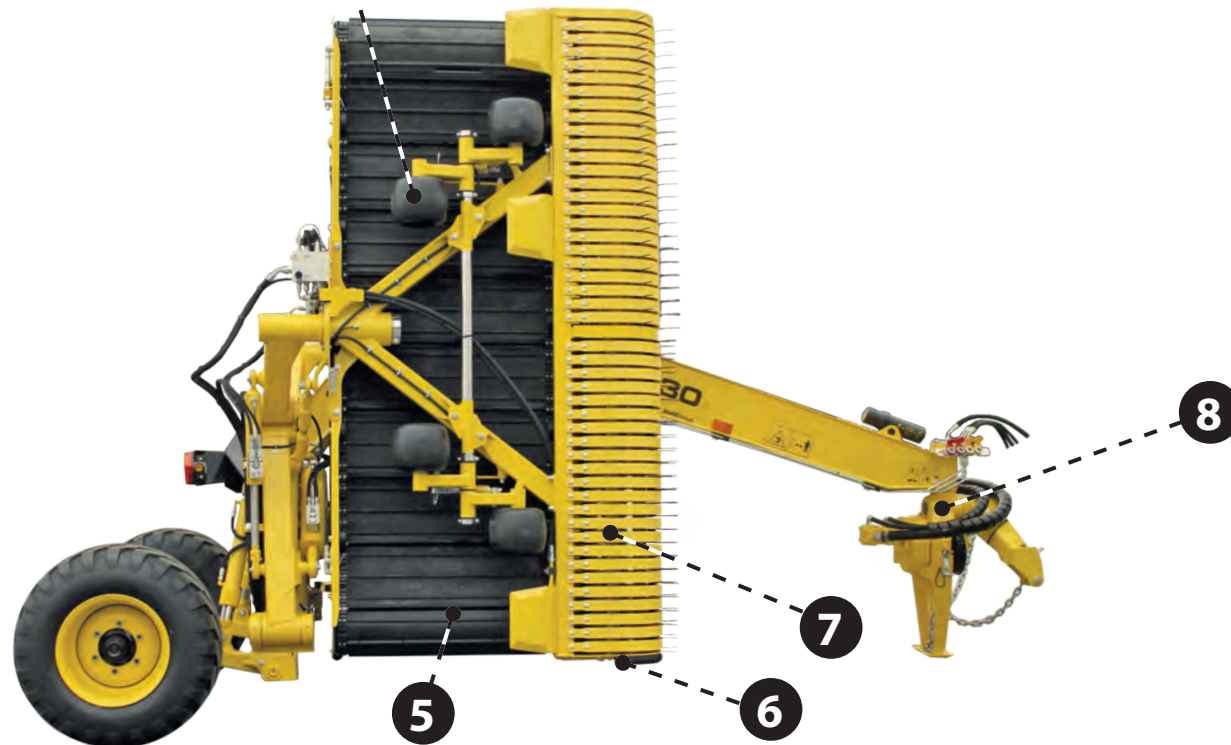
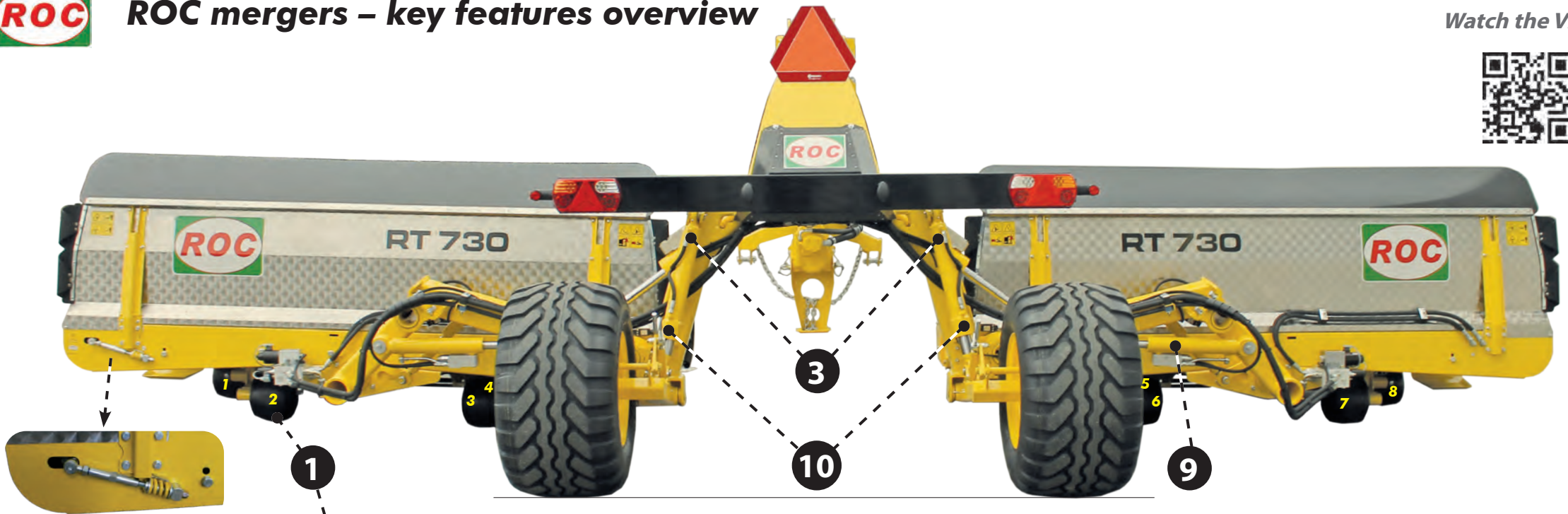
- ✓ Crop quality
- ✓ Adaptability to different types of crops and to soil conditions
- ✓ Adaptability to small fields and hill conditions
- ✓ Productivity and efficiency
- ✓ Durability and reliability
- ✓ Maintenance friendly
- ✓ Cost of use





## ROC mergers – key features overview

Watch the Video



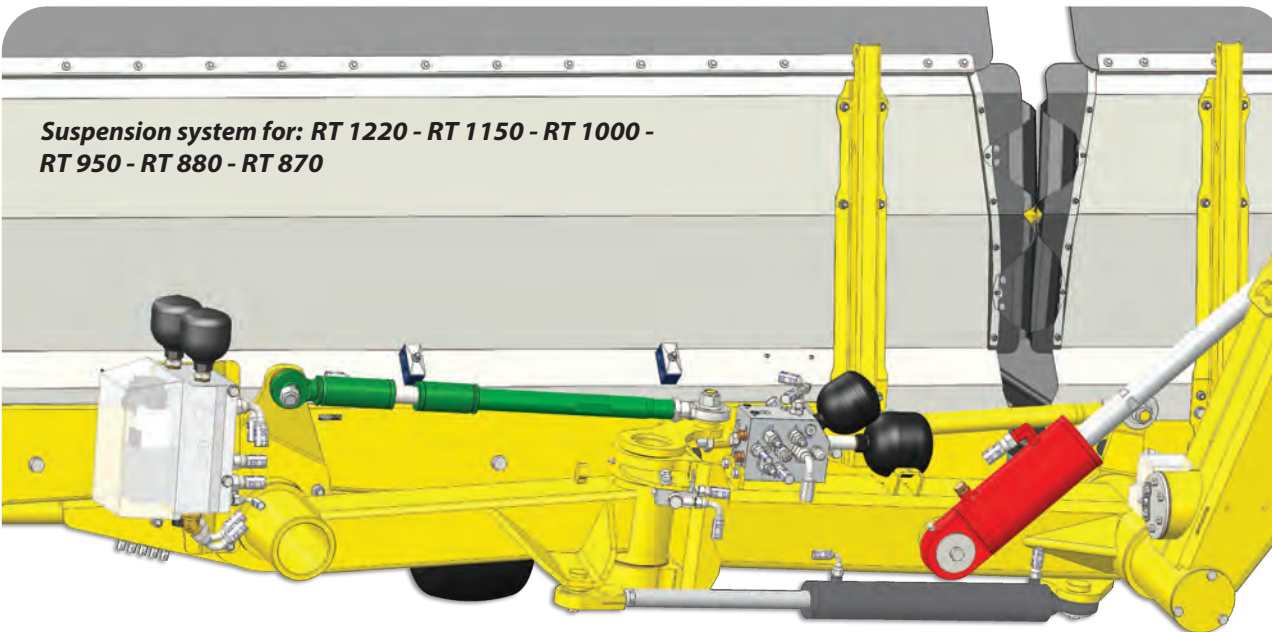
ROC mergers can offer the best performance on the merger market in terms of :

- ✓ Crop quality
- ✓ Adaptability to different types of crops and to soil conditions
- ✓ Adaptability to small fields and hill conditions
- ✓ Productivity and efficiency
- ✓ Durability and reliability
- ✓ Maintenance friendly
- ✓ Cost of use

## 1 Mechanical Suspension



## 2 Hydropneumatic Suspension



### Key highlights

- **4 solid rubber wheels** with spring suspension fixed on tandem, placed under each pick-up (from 4 up to 16 wheels per machine depending on model).

Watch the Video



### Main benefits

- ✓ **Crop quality:** wheels compared to skids cause less damage both to the crop and to the field.
- ✓ **Friction:** the wheels roll and don't slide, so they make less friction, take less power and need a smaller tractor.
- ✓ **Fire risk:** when the machine works with biomass crops or straw, the wheels roll and don't make sparks unlike the skids, so there is no risk of fire.
- ✓ **Vibration:** The combination of spring and solid rubber wheels reduces the transfer of vibrations to the frame.

### Key highlights

- Independent hydropneumatic suspension with 3 cylinders on each pick-up working with oil and nitrogen (totally from 6 to 12 hydraulic cylinders involved on trailed machines).

Watch the Video



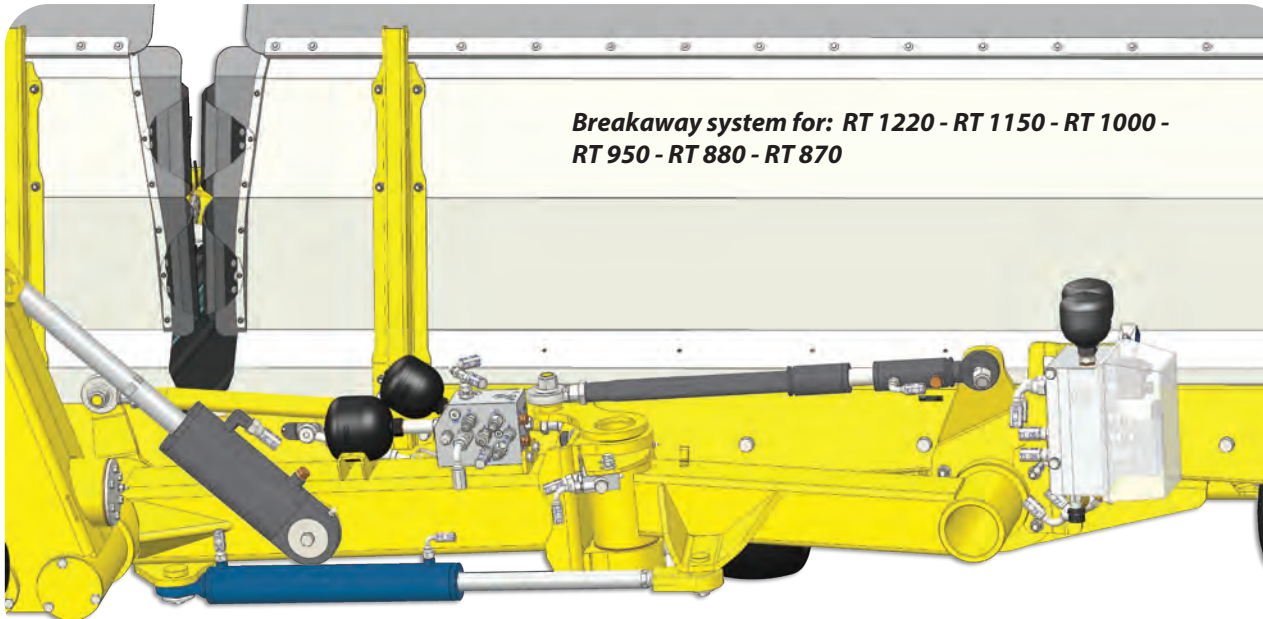
### Main benefits

- ✓ **Adaptability:** higher adaptability to the ground surface conditions.
- ✓ **Higher speed:** Mergers are able to operate at a higher speed.
- ✓ **Less wear:** the suspension work as a lightening system reducing the weight on the wheels under each pick-up.
- ✓ **Hills:** thanks to this individual pick-up suspension, the merger is ideal in hill/mountain conditions.

### 3 Road Suspension and whole frame lifting



### 4 Breakaway and other safety devices



#### Key highlights

- Road suspension system on the rear wheels.
- Lifting system on rear axle for the whole machine (not only the pick-up).

Watch the Video



#### Main benefits

- ✓ **Manoeuvrability:** mergers can raise to a remarkable height of 1 m / 3 ft to clear large windrows.
- ✓ **Travel speed:** unique mergers on the market equipped with road suspension able to travel at 40-50 km/h on roads without compromising the stability.
- ✓ **Frame preservation:** less risk of structural damage thanks to the work of the suspension.
- ✓ **Flexibility:** the mergers can entry in uneven fields or be easily loaded and unloaded from a truck with ramp.

#### Key highlights

- Mergers are equipped with several safety devices capable to minimize damage and replacement cost in the event of accident.

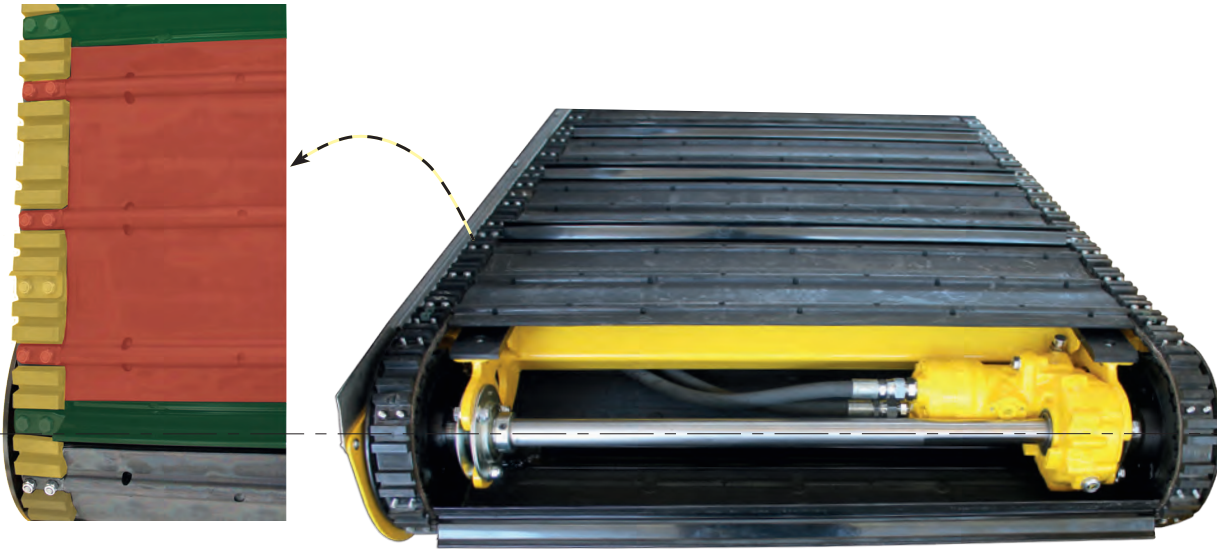
Watch the Video



#### Main benefits

- ✓ **Damage limitation:** the breakaway cylinder reduces the risk of damage to structural components in case of accident, with consequent replacement of small parts instead of the large expensive frame.
- ✓ **Repair saving:** saving on time and cost of repair in case of accident.
- ✓ **Pick-up protection:** the merger has safety valves to protect the pick-up in case of obstruction or extraordinary effort.
- ✓ **Belt protection:** the merger has safety valves to protect the belt in case of blocking.
- ✓ **Electrical independence:** mergers can continue to work even in case of electrical breakdown.

## 5 Modular bolted Belt



### Key highlights

- The belt of the machine is made in a modular system.
- Easy maintenance and possibility to disassemble every part with one wrench.
- The belt is designed to last several thousands hours.

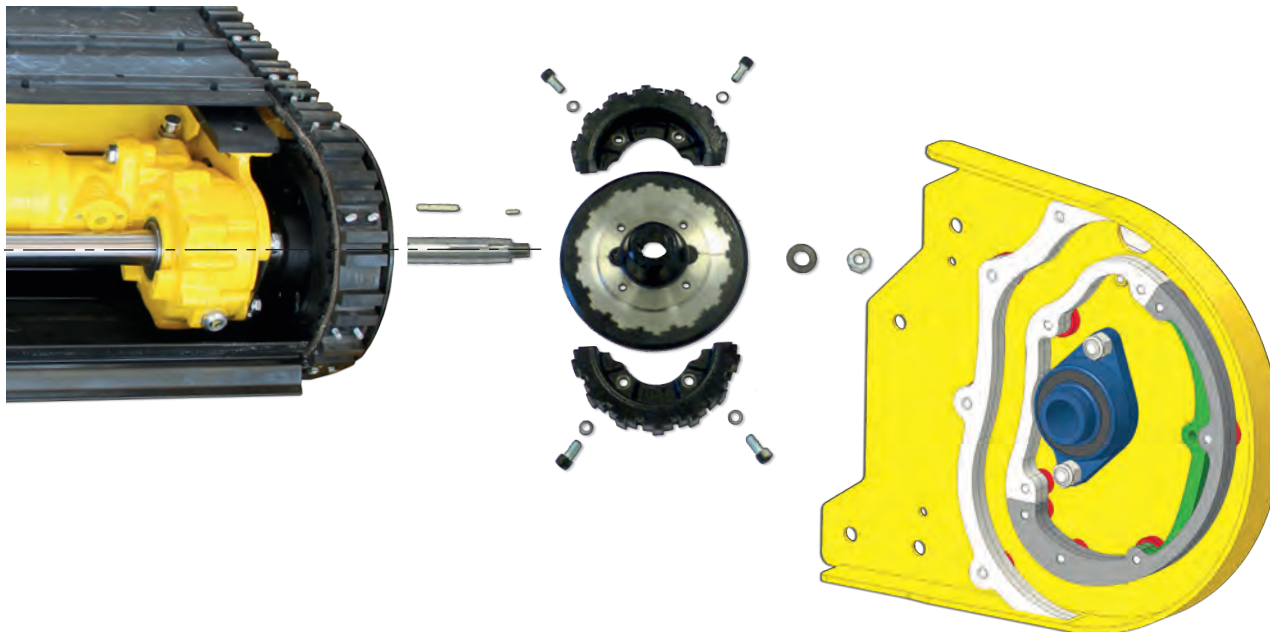
Watch the Video



### Main benefits

- ✓ **Maintenance:** possibility to replace every component with one wrench and to have access to the inner part of the belt by opening a trap door.
- ✓ **Repair cost:** in case of damage, you can replace only the damaged components instead of the entire belt.
- ✓ **Replace cost:** when the belt is worn out, you can just replace the two lateral transmission belts instead of the entire belt.
- ✓ **Durability/reliability:** very long lifetime of the belt.
- ✓ **Functionality:** the belt is made with 4 levels of height to be able to better convey both heavy and very light crops.

## 6 Easy maintenance, modular replacement, quality material



### Key highlights

- Mergers are designed and built to be maintenance friendly.
- All components can be easily disassembled.
- Wear parts are made of smaller components often replaceable with only one wrench.

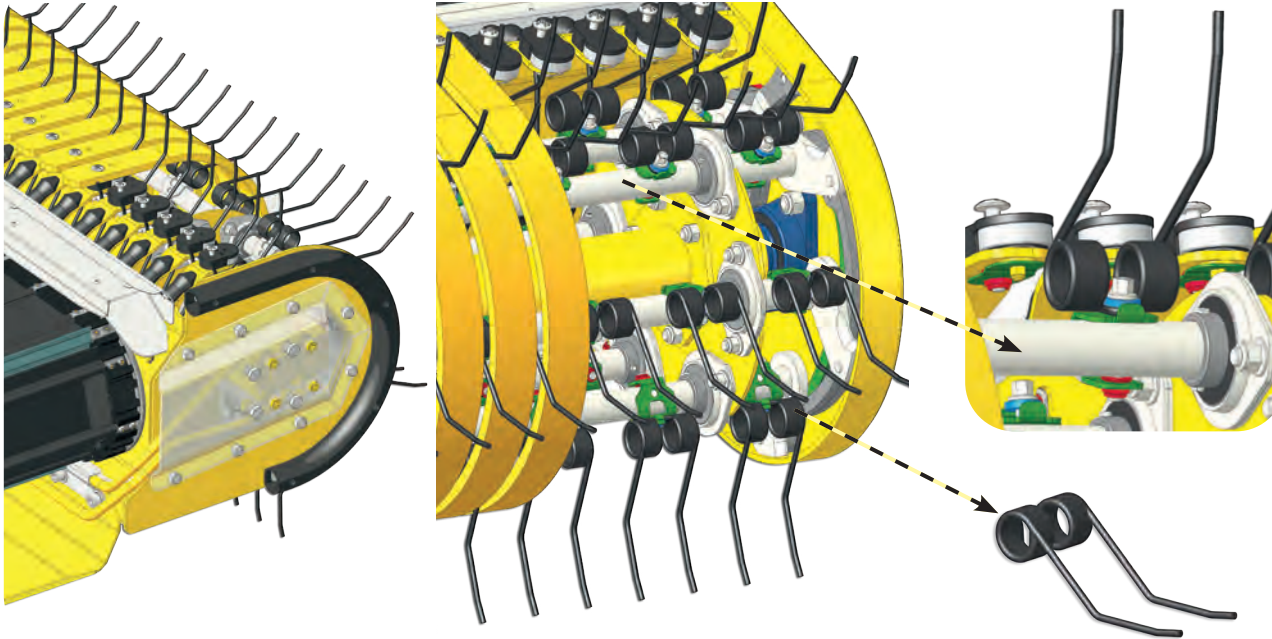
Watch the Video



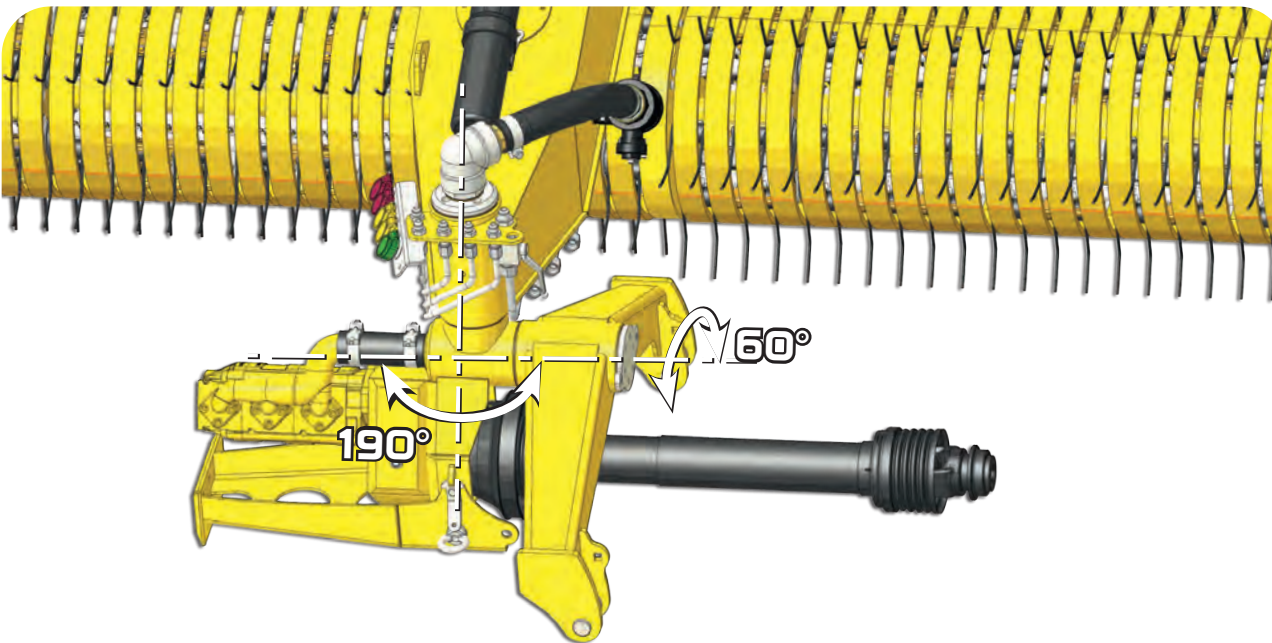
### Main benefits

- ✓ **Smaller parts:** lower maintenance costs thanks to the chance to replace only the smaller damaged part.
- ✓ **Maintenance friendly:** easy maintenance even for non-professional operators.
- ✓ **Cheaper shipment:** wear parts are small and light, so you save money on shipment.
- ✓ **Saving:** time and money saving in case of replacement
- ✓ **Quality:** all thin plates and small screws in touch with the crop are made of stainless steel.
- ✓ **Quality:** all main axles are chrome plated.

## 7 Unique Pick-up construction



## 8 High steering and manoeuvrability



### Key highlights

- Solid pick-up system with 6 rows of tines.
- Bended tines preventing the crop from falling in front of the machine.
- No stones and dirt in the crop.
- Leaf loss is minimised in products like alfalfa.

Watch the Video



### Key highlights

- Mergers are designed to work in small fields thanks to the possibility to make tight turns in headlands.
- Adaptability to work in all condition fields like hills.

Watch the Video



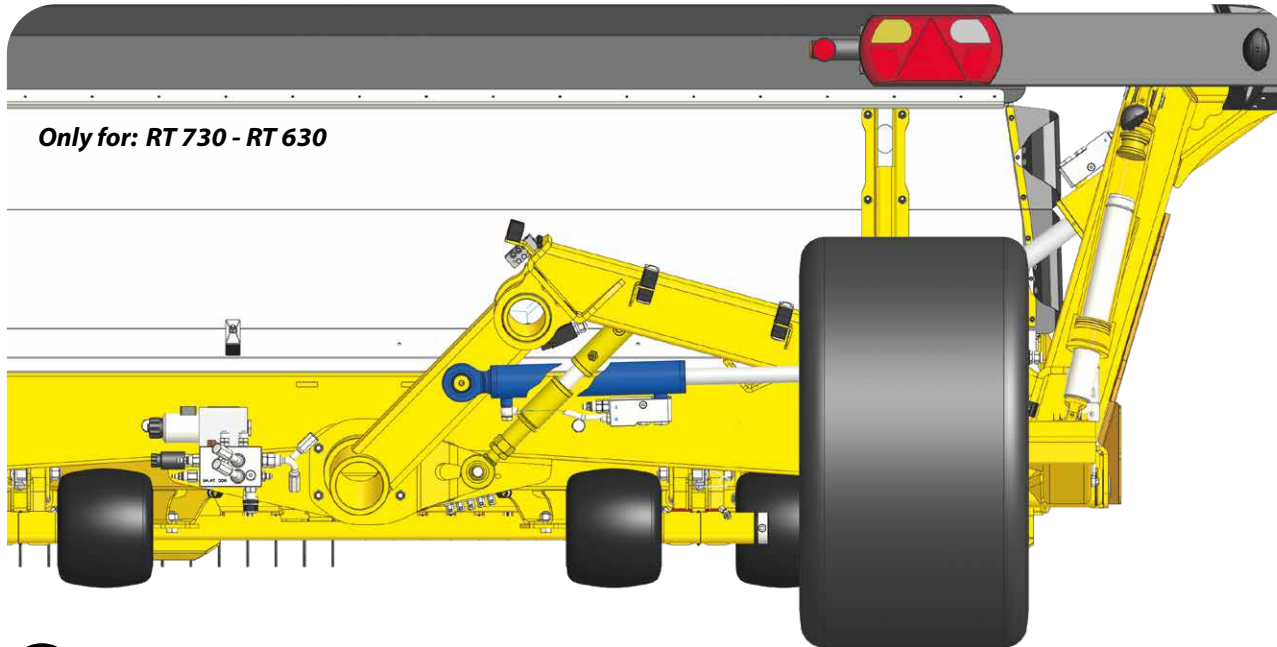
### Main benefits

- ✓ **Crop quality:** less losing of leaves of hay and short crops.
- ✓ **Crop quality:** smaller quantity of dirt and stones inside the windrow.
- ✓ **Adaptability:** unique mergers able to work with all types of crops, including the most fragile ones like alfalfa.
- ✓ **Day work:** chance to increase the working hours during the day, avoiding night work.
- ✓ **Higher productivity:** chance to reload existing windrows and make bigger swaths for a higher productivity of next machinery (1 windrow even every 40 m).
- ✓ **Productivity/efficiency:** less damage to fresh crop regrowth.

### Main benefits

- ✓ **High steering:** ability to work in small fields. The machine allows you to rotate the tractor by 190° in all conditions.
- ✓ **Pto preservation:** The merger is designed to turn 190° while keeping the pto shaft always straight.
- ✓ **Hill adaptability:** ability to work in hills thanks to the horizontal axle that allows a transversal inclination of 60° between tractor and merger.
- ✓ **Frame preservation:** the machine can work in hills without making any torsion on the merger's main frame.

## 9 Merging versatility



Only for: RT 730 - RT 630

### Key highlights

- Possibility to work with joined or spaced pick-ups for side or central delivery.

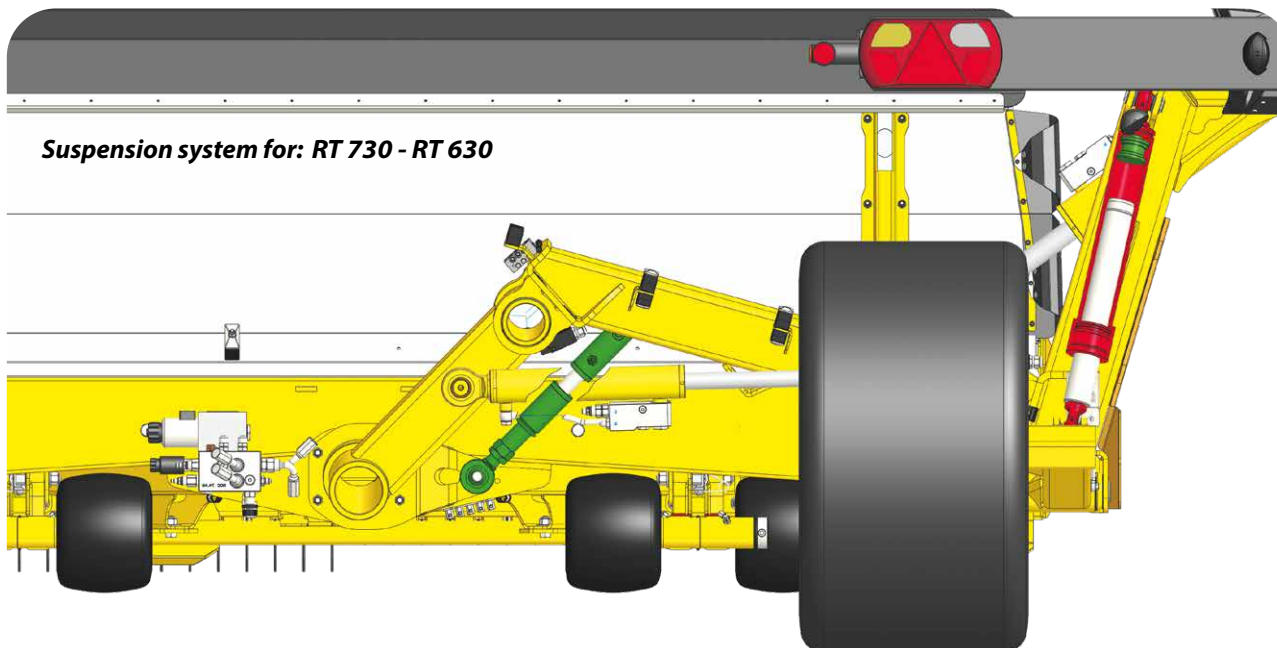
Watch the Video



### Main benefits

- ✓ **Flexibility:** possibility to unload the belts to the center and/or to the side.
- ✓ **Pre-swathing:** possibility make a swath in the center and a swath on the side and join them the following day.
- ✓ **Versatility:** Possibility to join in one single pass 2 swaths of 6 m made with the 2 joined pick-ups the day before.

## 10 Hydraulic Suspension



Suspension system for: RT 730 - RT 630

### Key highlights

- Patented independent hydraulic suspension with 3 cylinders on each pick-up working with the oil flow of the pick-up and the belt.

Watch the Video



### Main benefits

- ✓ **Adaptability:** higher adaptability to the ground surface conditions.
- ✓ **Higher speed:** mergers are able to operate at a higher speed.
- ✓ **Less wear:** the suspension works as a lightening system reducing the weight on the wheels under each pick-up.
- ✓ **Hills:** thanks to this individual pick-up suspension, the merger is ideal in hill/mountain conditions.

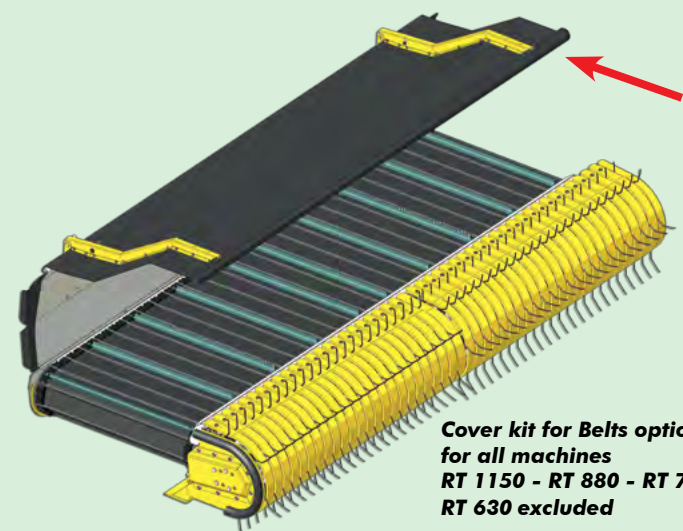


**RS version (Front)**



**RS version (Rear)**

**OPTIONAL**



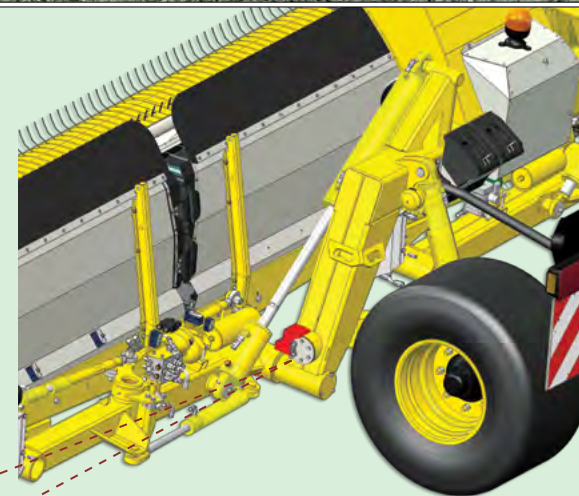
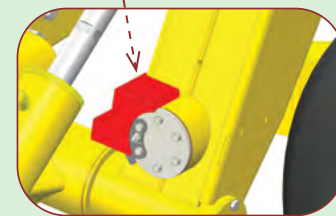
**Cover kit for Belts optional for all machines RT 1150 - RT 880 - RT 730 - RT 630 excluded**

**OPTIONAL**

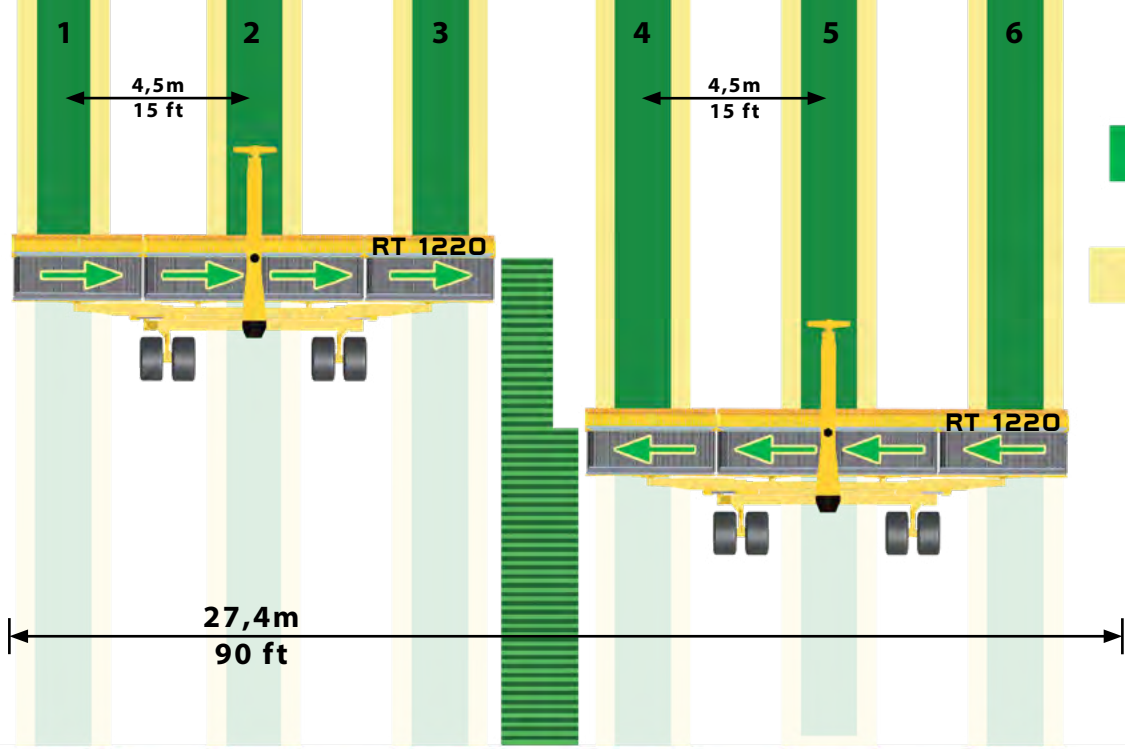


**Automatic greasing system optional for all trailed models**

**OPTIONAL**

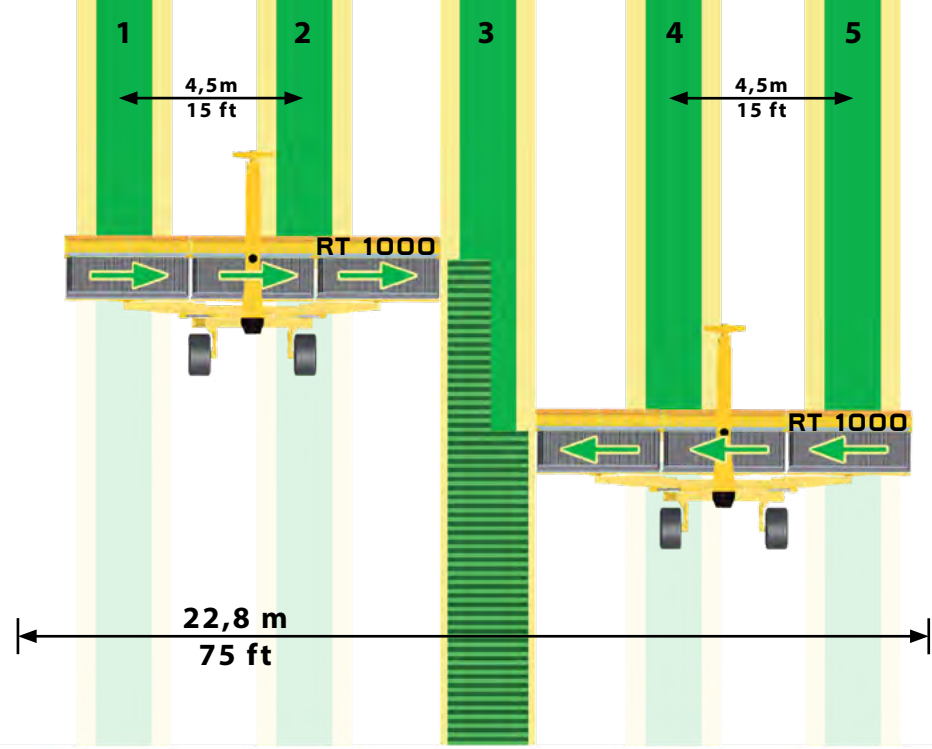


**Automatic and Manual Switch off Belts optional for all trailed models**

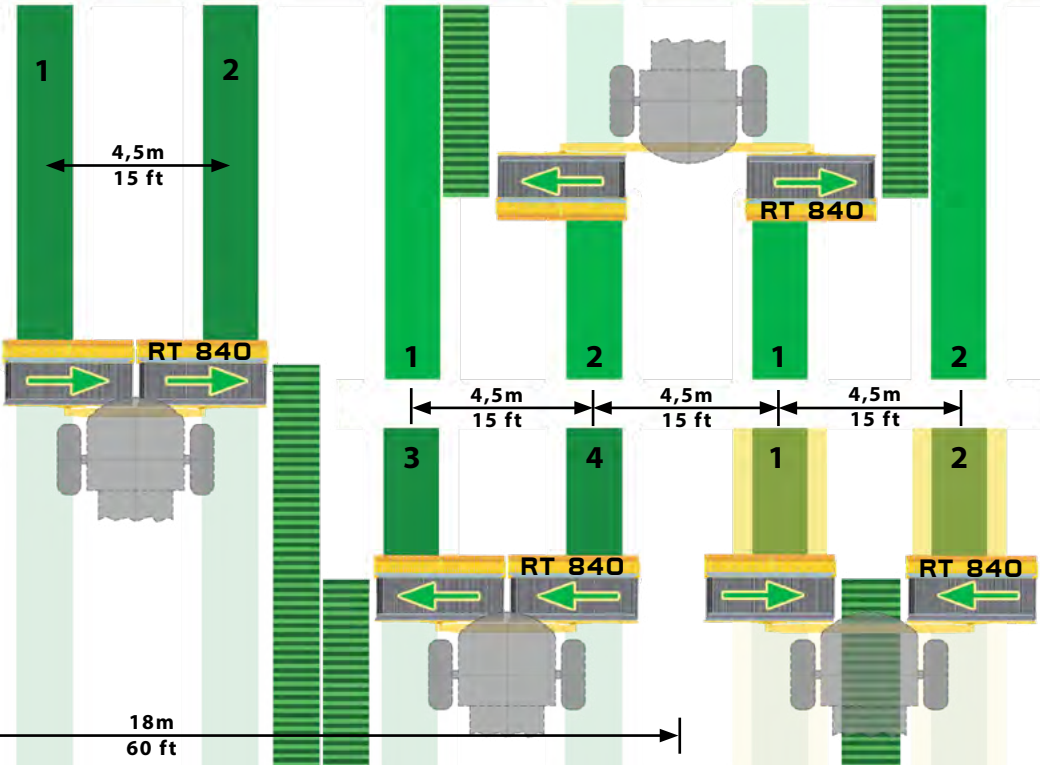
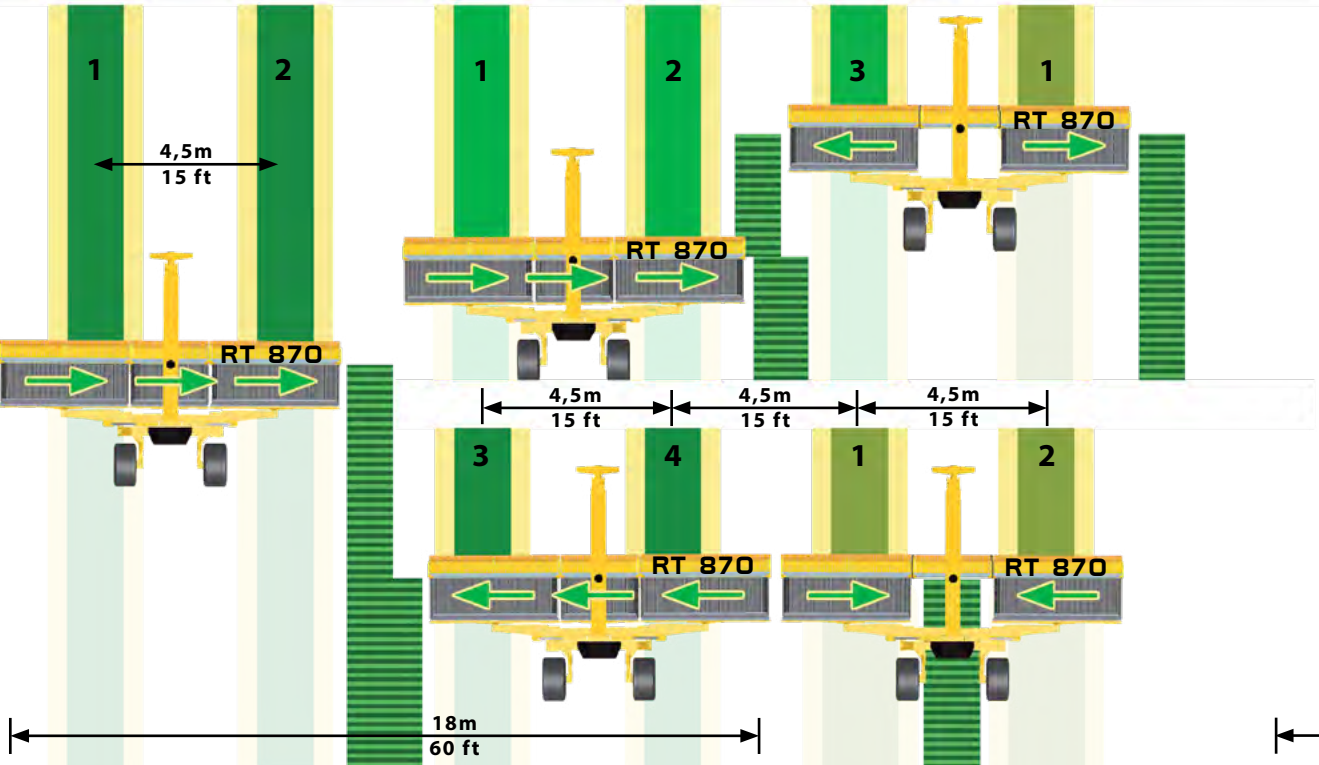


1,2 m swath  
4 ft swath

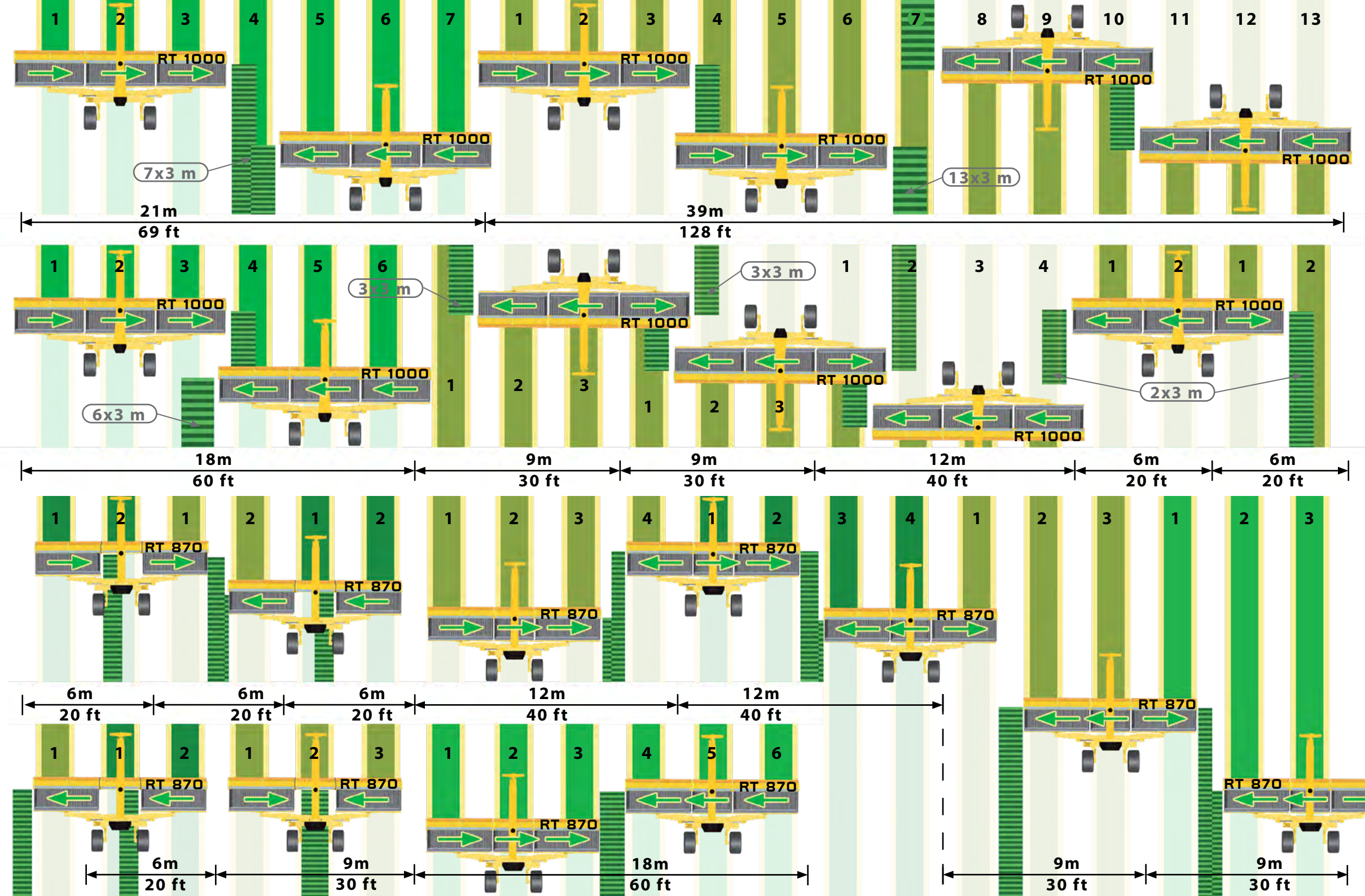
2,1m swath  
7 ft swath



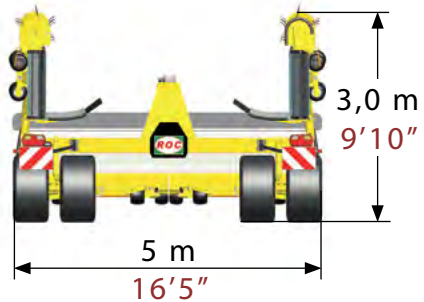
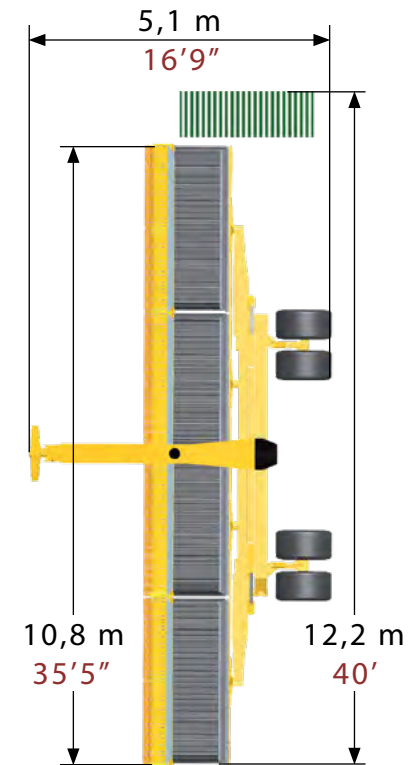
**swathing example with 15 ft mower**







# RT 1220



5990 kg  
13205 lb

110 hp  
82 kw

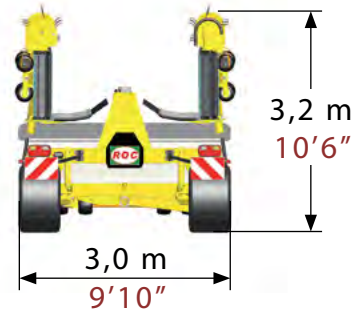
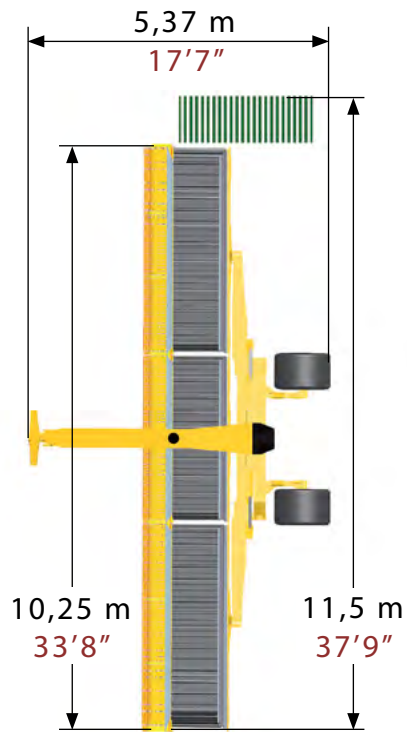
min.power  
60 l/min 16 gpm

n.5



520/50 R17

# RT 1150



6340 kg  
13977 lb

100 hp  
75 kw

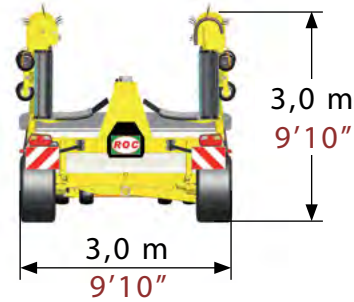
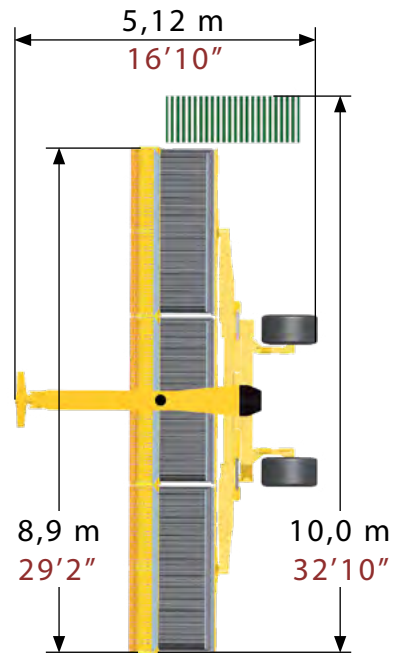
min.power  
60 l/min 16 gpm

n.5



650/40 R22,5  
500/45 R22,5

# RT 1000



4980 kg  
10980 lb

90 hp  
67 kw

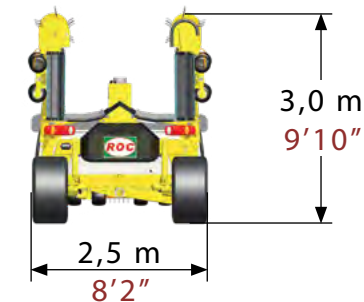
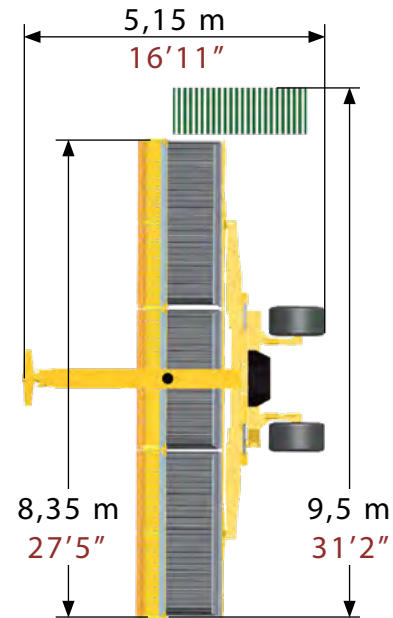
min.power  
60 l/min 16 gpm

n.5



520/50 R17

# RT 950



4780 kg  
10538 lb

90 hp  
67 kw

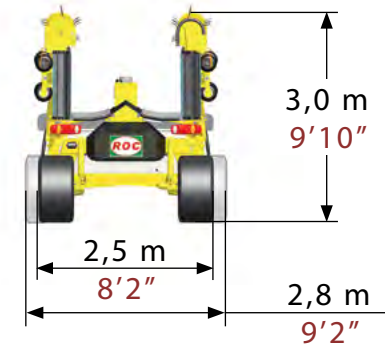
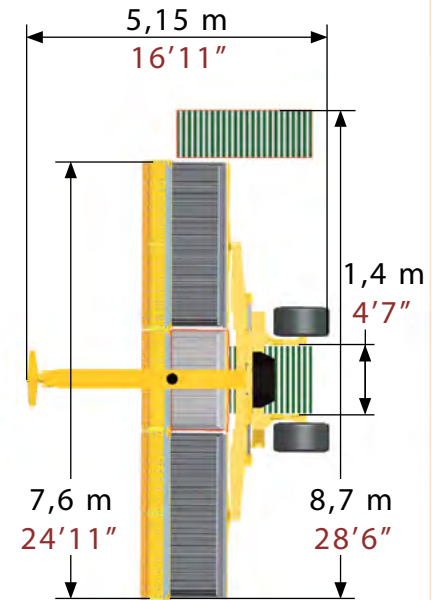
min.power  
60 l/min 16 gpm

n.5



520/50 R17

# RT 870



4440 kg  
9788 lb

80 hp  
60 kw

min.power  
60 l/min 16 gpm

n.3



520/50 R17

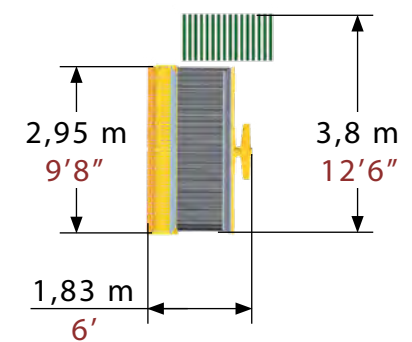
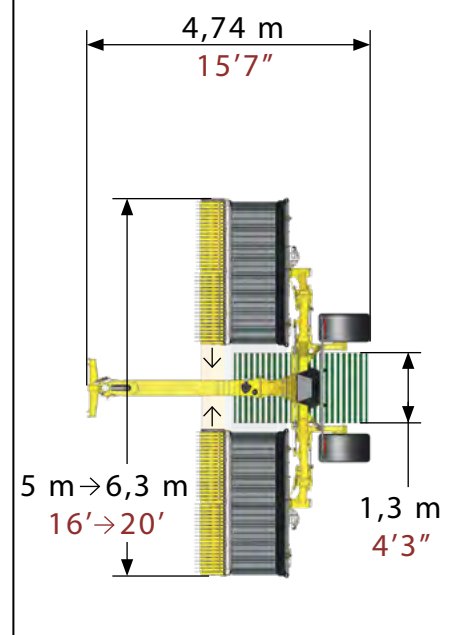
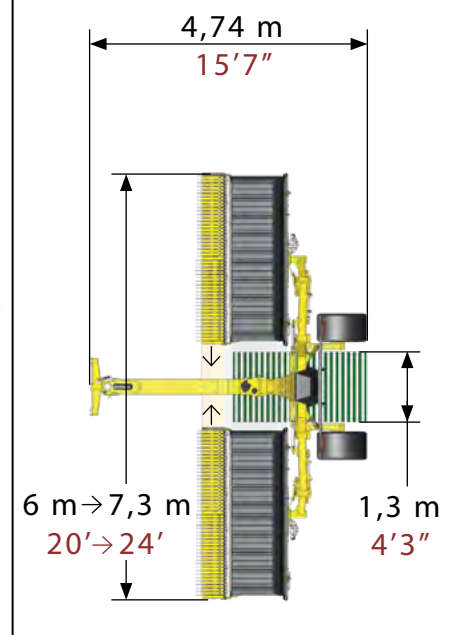
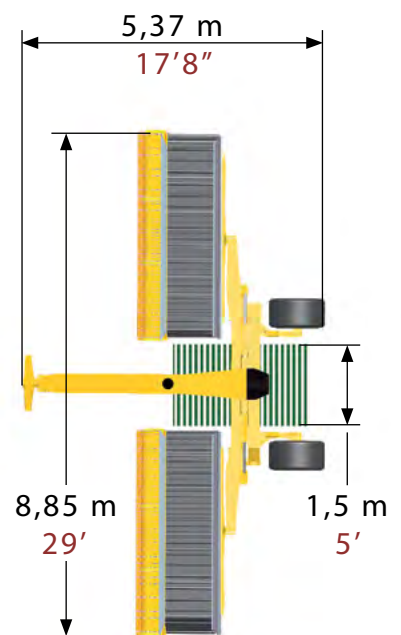
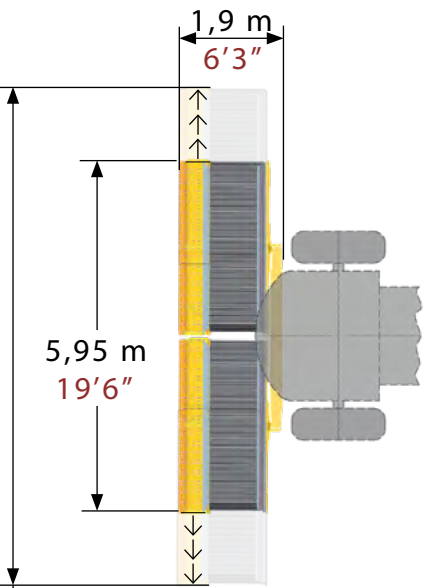
# RT 840

# RT 880

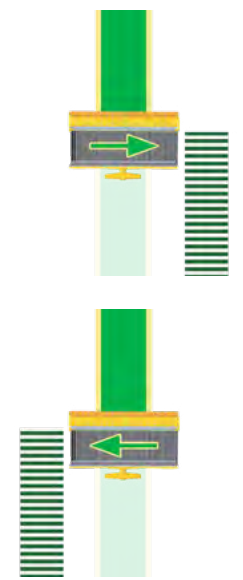
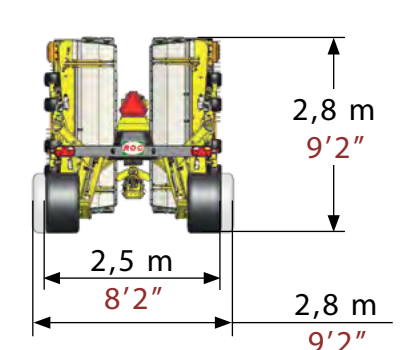
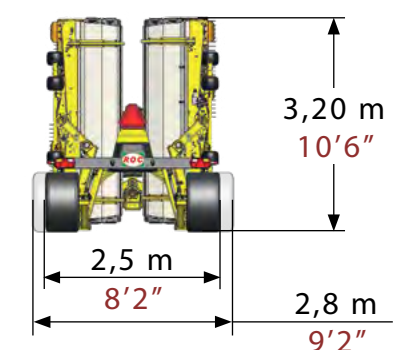
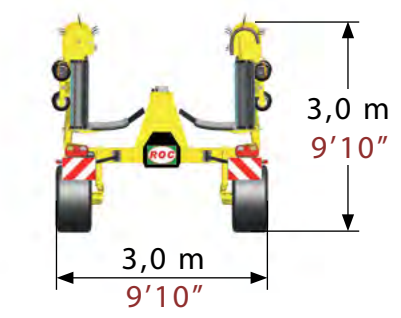
# RT 730

# RT 630

# RT 380



5,95 m →→→ 8,35 m  
19'6" →→→ 27'5"



2290 kg  
5048 lb

4950 kg  
10912 lb

3180 kg  
7010 lb

2950 kg  
6503 lb

890 kg  
1962 lb

80 hp  
60 kw min.power n.5  
60 l/min 16 gpm

70 hp  
52 kw min.power n.3  
50 l/min 13 gpm

70 hp  
52 kw min.power n.3  
50 l/min 13 gpm

60 hp  
45 kw min.power n.3  
34 l/min 9 gpm

500/45 R22,5

480/45 R17

480/45 R17

*I dati tecnici nelle raffigurazioni del dépliant sono informativi e non impegnativi. Les données techniques dans les images du les dépliant sont d'information et pas compromettantes. The technical data in the representations on the brochure are for information and not binding. Die technischen Angaben in dem Prospekt sind informative aber nicht verbindliche Erklärungen.*



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## **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

