



**Turf Industry**



**All Clear.**

# Turf Industry

GRASS COLLECTORS | WIDE AREA GRASS COLLECTORS | MOWERS | VERTICUT | BLOWERS

rt Industries



*More than 40 years of experience*

WITH SALES IN OVER 40 COUNTRIES WORLDWIDE!



## TRILO's worldwide network

TRILO sells its products worldwide and has a dealer network across Europe. This network ensures a quick and efficient distribution of machines and parts. Our local dealers are at your service to answer questions on machines or to demonstrate a product.

Smart

# High quality equipment with a personal touch

TRILO is the leading brand and biggest pride of parent company Vanmac BV. TRILO provides solutions for daily, time-consuming jobs, such as grass cutting, collecting grass, leaves and debris and removing them from the work site.

**“TRILO’s mission is to design, manufacture and market sustainable and innovative equipment for the management and maintenance of landscapes and infrastructure”**

## Family business

The brand name TRILO was used for the first time in the 1970’s. The Van Loen family started building and marketing the vacuum sweepers they developed in the 1960’s more and more professionally and they needed a brand name: TRILO. The name originates from the trio Van Loen, named after the 3 brothers: Louis, Cees and Leo van Loen.

In 2008, Peter van Mispelaar and Leo van Loen (jr) founded Vanmac BV, the company that became the parent company of TRILO in 2009. TRILO has evolved from being a part of the company into one of the pillars of Vanmac BV. A brand that is continually being updated and improved to offer you the best possible solutions for your business.

## Spare parts

The global footprint of TRILO is established in over 40 countries and is expanding. Serving each customer and distributor with equal attention requires the constant implementation of state of the art processes. Our online “Webshop” provides for 24/7 ordering of spare parts and delivery tracking. Online orders are processed within 24 hours and delivered global by preferred carriers.



## Sweep & collect

S

- Sweeping and collecting in one pass.
- Extra wide radial tyres for low ground pressure.
- Optional swing axle – four wheels in line.
- Driven by PTO drive shaft.
- Optional suction hose.
- 4 working widths.
- Can be operated by one person.
- Six hopper sizes with easy disposal.
- 24/7 online spare parts ordering.



## Grass vacuum sweepers as part of grass management

TRILO grass vacuum sweepers have been specially developed to sweep up and collect materials from grass areas. These machines can handle grass clippings as well as verticutting residue or leaves. Sometimes there is an excessive amount of grass clippings after mowing, e.g., after a long, wet period when mowing was not possible. And sometimes optimal weather conditions lead to very fast growth, producing a lot of grass clippings that cannot be distributed properly over the turf. Good distribution of grass clippings is very important when mowing. If it isn't, clumps of grass clippings form and they suffocate the grass and create areas of dead grass. This means that you have to wait longer to harvest, because the grass takes longer to recover.

Failure to remove excess grass clippings can also cause a thatch build-up between the blades of grass. An excessively dense thatch is detrimental to absorption of water, oxygen and manure or fertilizers through the roots, and this causes growth stagnation. Excess grass clippings and especially leaves choking the grass can lead to disease. So removing this material is essential for preserving the grass. Sweeping and collecting also has the advantage that the brushing action strengthens and toughens the grass. Using TRILO grass vacuum sweepers can be an important part of grass management. They not only ensure better quality grass. You can also harvest earlier.



# Wide-area sweep & collect grass vacuum sweepers

We offer a range of grass vacuum sweepers with different working widths and loading volumes, including:

- **sweep & collect grass vacuum sweepers** with a working width of 1.5 to 3 m.
- **sweep & collect wide-area grass vacuum sweepers** with folding wings, with working widths ranging from 5.8 to 7.8 m

TRILO grass vacuum sweepers are equipped with powerful impellers with enormous suction power, which permits a high operating speed. TRILO vacuum sweepers also allow you to continue working under very wet weather conditions. Extra wide tires ensure minimal ground pressure. The grass clippings are blown with optimal spread into the load bed, ensuring the best possible fill.

## Configured to your needs

TRILO offers the best grass collectors for the job. With the S-Series, you will always get exactly the machine you need because you configure it yourself. By using the product configurator on our website, you can configure the unit to meet your requirements. Configure a grass collector to your needs online at [www.trilo.com](http://www.trilo.com).



## Sweep & collect wide-area grass collectors

S

- Collect up to 12 ha (29 acres) per hour.
- 4 wheel, pending axle option.
- 5.8 - 7.8 m (20' or 26') working width.
- PTO powered.
- Three hopper sizes with easy disposal.
- Can be operated by one person.
- 24/7 online spare parts ordering.



## TRILO-Machines

S

- Little maintenance required.
- Solidly built and durable.
- Replaceable wear plates in the impeller housing
- Easy emptying using a chain floor.
- Optional swing axle – four wheels in line.
- Interchangeable work shafts.
- Optional suction hose.
- Easy to operate by one person.



*Grass clippings are vacuumed into the hopper where they spread evenly and form a compact mass that is very easy to unloaded with the conveyor floor.*

### **Maintenance friendly**

All TRILO vacuum sweeper models are driven with quiet and low-maintenance XPB belts with automatic tensioners. The S-series grass vacuum trucks have maintenance-free bearings in the rollers of the unloading floor and in the hinges of the rear door. All lubrication points are easily accessible. The inside of the impeller housing is fitted with replaceable wear plates that ensure a long service life.

### **Optimal weight distribution**

If you are concerned with the maintenance of your turf production, you want equipment that makes impressions on your workload, but no impressions like ruts and tire marks! That is why the Trilo S-Series grass collectors are ideal for you. This light-weight, unique machine with its wide tires performs efficiently without leaving a mark on your turf.





*TRILO vacuum sweepers can optionally be equipped with a manual operated suction hose.*

### **Multi-purpose**

Because you can easily change the working shaft, the TRILO sweep & collect grass vacuum sweepers are multifunctional. This makes it possible to mow or verti-cut\* with and collect in one pass. TRILO vacuum sweepers can optionally also be equipped with a hand-held suction hose that can be used to vacuum up material from hard-to-reach places.

\*possible up to a working width of 2.10 m



*Prevent ruts and tire marks with extra wide tires and the optional Pendle axle.*



*The S4 verticutting and collecting in one pass.*



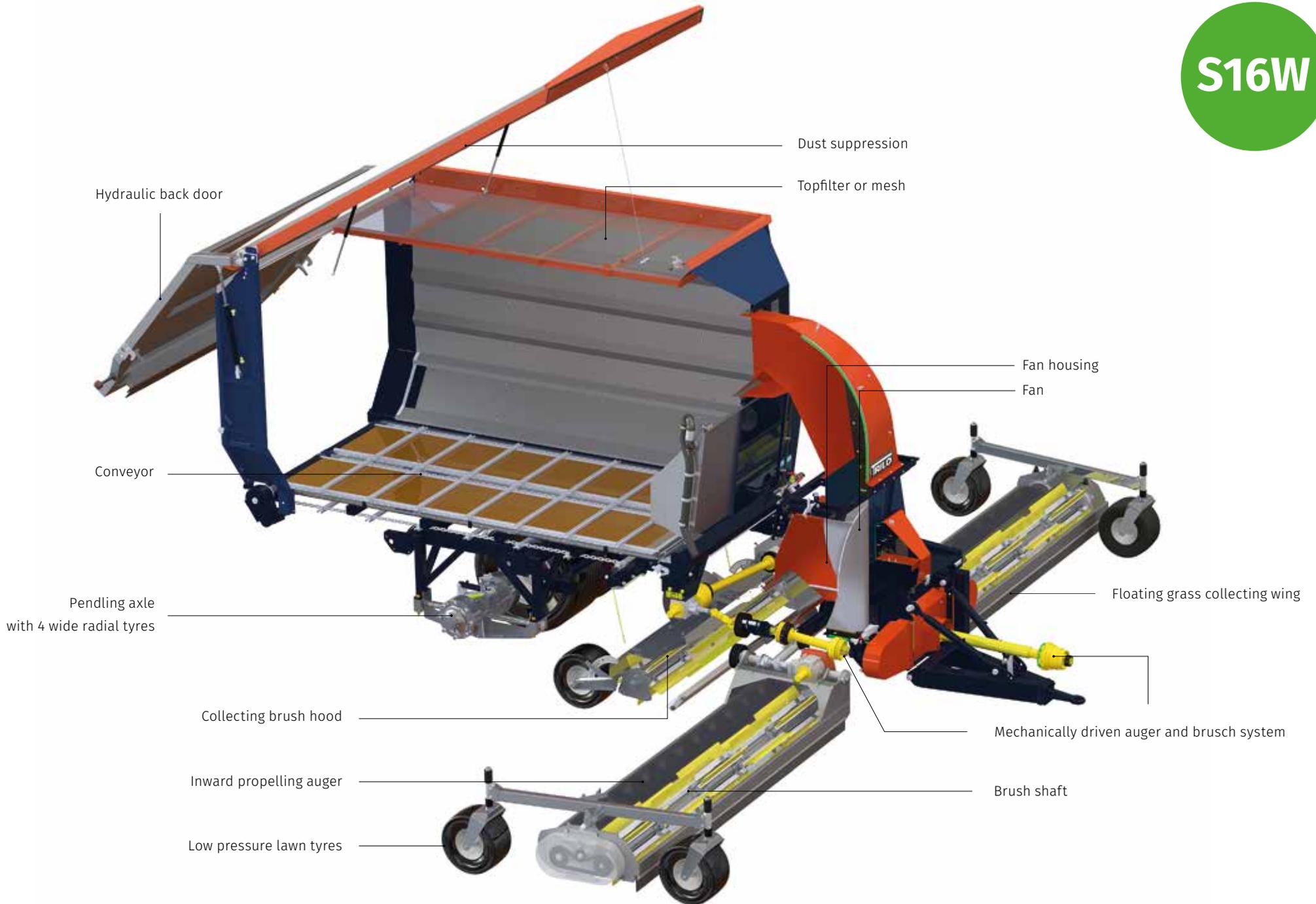
*TRILO Wide-area collectors with wings have working widths of 5.8 or 7.8 m.*



*The functional principle of a wide-area collector.*



# S16W



*\*Optional*

# Sweep & collect grass collectors

## S3



## S4



## S8



## S10



<b>Power source*:</b>	PTO 540 rpm
<b>Power requirement:</b>	35-60 pk (26-44 kW) PTO **
<b>Airflow m<sup>3</sup>/min:</b>	280
<b>Hopper Capacity:</b>	3 m <sup>3</sup>
<b>Tyre size:</b>	softtrac 26.5x14.00-12
<b>Working width:</b>	1.50 m 4.9'
<b>Brush hood drive line*:</b>	Mechanical or Hydraulic
<b>Brake System*:</b>	Hydraulic brakes, Overrun brakes, Air brakes
<b>Filters*:</b>	Topnet, Top mesh, Dust cap

<b>Power source*:</b>	PTO 540/750/1000 rpm
<b>Power requirement:</b>	45-70 hp (33-51 kW) PTO **
<b>Airflow m<sup>3</sup>/min:</b>	315
<b>Hopper Capacity:</b>	4 m <sup>3</sup>
<b>Tyre size:</b>	500/50R17
<b>Working width:</b>	1.8 - 2.1 - 2.4 m 6' - 7' - 8'
<b>Brush hood drive line*:</b>	Mechanical or Hydraulic
<b>Brake System*:</b>	Hydraulic brakes, Overrun brakes, Air brakes
<b>Filters*:</b>	Topnet, Top mesh, Dust cap

<b>Power source*:</b>	PTO 540/750/1000 rpm
<b>Power requirement:</b>	75-110 hp (55-81 kW) PTO **
<b>Airflow m<sup>3</sup>/min:</b>	390
<b>Hopper Capacity:</b>	8 m <sup>3</sup>
<b>Tyre size:</b>	500/50R17
<b>Working width:</b>	1.8 - 2.1 - 2.4 - 3 m 6' - 7' - 8' - 10'
<b>Brush hood drive line*:</b>	Mechanical or Hydraulic
<b>Brake System*:</b>	Hydraulic brakes, Overrun brakes, Air brakes
<b>Filters*:</b>	Topnet, Top mesh, Dust cap

<b>Power source:</b>	PTO 540/750/1000 rpm
<b>Power requirement:</b>	75-110 hp (55-81 kW) PTO **
<b>Airflow m<sup>3</sup>/min:</b>	390
<b>Hopper Capacity:</b>	10m <sup>3</sup>
<b>Tyre size:</b>	505/50R17
<b>Working width:</b>	2.1 - 2.4 - 3 m - (5.8 m +wings) 7' - 8' - 10'- (20' wings)
<b>Brush hood drive line:</b>	Mechanical
<b>Brake System*:</b>	Hydraulic brakes, Overrun brakes, Air brakes
<b>Filters*:</b>	Topnet, Top mesh, Dust cap

### Extra options:

- LED flood lights
- **Working shafts:** Brush, Verticut, Finishing mower
- Suction hose 6 m (20') Ø 250 mm (10")

The S3 now with type approval for the whole of Europe

### Extra options:

- LED flood lights
- **Working shafts:** Brush, Verticut,  
Finishing mower, Heavy duty mower
- Suction hose 6 m (20') Ø 250 mm (10")

The S4 now with type approval for the whole of Europe

### Extra options:

- LED flood lights
- **Working shafts:** Brush rotor,  
Verticut, Twisted Flail Lawn Mowing rotor,  
Back-to-Back Mowing rotor, Flail rotor
- Suction hose 6 m (20') Ø 250 mm (10")
- Single axle, Pendling Axle

### Extra options:

- LED flood lights
- **Working shafts:** Brush rotor, Verticut,  
Twisted Flail Lawn Mowing rotor,  
Back-to-Back Mowing rotor, Flail rotor
- Suction hose 6 m (20') Ø 250 mm (10")
- Single axle, Pendling Axle, Tandem Axle

\* Optional

\*\* Depending on the circumstances

# Sweep & collect wide-area grass collectors

# S-Series

## S12W



## S14W



## S16W



## S20W



<b>Power source:</b>	PTO 540/750/1000 rpm
<b>Power requirement:</b>	90-110 hp (66-81 kW) PTO **
<b>Airflow m<sup>3</sup>/min:</b>	390
<b>Hopper Capacity:</b>	12 m <sup>3</sup>
<b>Tyre size:</b>	505/50R17
<b>Working width:</b>	5.8 - 7.8 m 20' - 26'
<b>Brush hood drive line:</b>	Mechanical
<b>Brake System:*</b>	Hydraulic brakes, Overrun brakes, Air brakes
<b>Filters:*</b>	Topnet, Top mesh, Dust cap

<b>Power source:</b>	PTO 540/750/1000 rpm
<b>Power requirement:</b>	90-110 hp (66-81 kW) PTO **
<b>Airflow m<sup>3</sup>/min:</b>	390
<b>Hopper Capacity:</b>	14 m <sup>3</sup>
<b>Tyre size:</b>	505/50R17
<b>Working width:</b>	5.8 - 7.8 m 20' - 26'
<b>Brush hood drive line:</b>	Mechanical
<b>Brake System:*</b>	Hydraulic brakes, Overrun brakes, Air brakes
<b>Filters:*</b>	Topnet, Top mesh, Dust cap

<b>Power source:</b>	PTO 540/750/1000 rpm
<b>Power requirement:</b>	90-110 hp (66-81 kW) PTO **
<b>Airflow m<sup>3</sup>/min:</b>	390
<b>Hopper Capacity:</b>	16 m <sup>3</sup>
<b>Tyre size:</b>	505/50R17
<b>Working width:</b>	5.8 - 7.8 m 20' - 26'
<b>Brush hood drive line:</b>	Mechanical
<b>Brake System:*</b>	Hydraulic brakes, Overrun brakes, Air brakes
<b>Filters:*</b>	Topnet, Top mesh, Dust cap

<b>Power source:</b>	PTO 540/750/1000 rpm
<b>Power requirement:</b>	90-110 hp (66-81 kW) PTO **
<b>Airflow m<sup>3</sup>/min:</b>	390
<b>Hopper Capacity:</b>	20 m <sup>3</sup>
<b>Tyre size:</b>	505/50R17
<b>Working width:</b>	5.8 - 7.8 m 20' - 26'
<b>Brush hood drive line:</b>	Mechanical
<b>Brake System:*</b>	Hydraulic brakes, Overrun brakes, Air brakes
<b>Filters:*</b>	Topnet, Top mesh, Dust cap

### Extra options:

- LED flood lights
- Single axle, Pendling Axle, Tandem Axle

### Extra options:

- LED flood lights
- Single axle, Pendling Axle

### Extra options:

- LED flood lights
- Pendling Axle, Tandem Axle

### Extra options:

- LED flood lights
- Pendling Axle, Tandem Axle

S16W



*Working with TRILO wide-area Grass Collectors saves you multiple passes and fuel compared to traditional solutions.*

S12W



## R10

- **Completely mechanically driven.**
- **Requiring only 55 hp.**
- **Delivers perfect cuts at a high speed**
- **Capacity up to 100 ha/day**
- **32% less fuel consumption.**
- **Light weight less soil compaction.**
- **Low maintenance cost.**
- **Permitted to access public roads in Europe.**
- **24/7 online spare parts ordering.**

## R10 Reel Mower

The extraordinary wide R10 reel mower delivers perfect cuts at a high speed and a very low tractor power. The mower is especially designed to maintain big sod fields in the turf industry. It combines simple propulsion with excellent mowing reels. Because of the ingenious folding system, using only a few cylinders, it is very easy to switch between the 10 meters working width and the compact transport position.

The big advantage of the R10 mower is the capability to cut the grass instead of chopping the tops off like rotary mowing units do. This results in less evaporation of the plants moisture, which makes the grass less vulnerable for diseases and provides a smooth surface without turning the grass tips brown. This will stimulate the growth of the grass and results in shorter growth periods between harvesting.

The 10.4 meters wide machine has a capacity of 100 hectares a day and can simply be attached to a tractor. The 12 independently mounted 90cm wide mowing reels provide a clean cut and will follow the contours of the sod field flawlessly. The combination of the open reels and tube frame provides an even grass distribution.

Because the R10 is completely mechanically driven and requiring only 55 hp, despite of the large working width. Depending on the type of tractor, this can result in up to 32% less fuel consumption compared to other wide reel mowing units and up to 45% less fuel consumption compared to wide rotary mowing units.

Due to the low weight of the R10 mower in combination with a small tractor, the stress on the sod will be limited to a minimum. At the end of the field you can easily lift the mowing units off the ground, by using the tractor hydraulics, in order to make a U-turn.

Because of the mechanical drive and 90cm wide mowing reels the maintenance costs are low. The maintenance free nylon bearings in combination with the hard steel chrome plated shafts require a minimum of maintenance.

The R10 has a unique way of folding, which only requires 2 double acting valves at the tractor, without electronics. With an impressive working width the R10 can easily be transported from one site to another. Due to his transportation dimensions of 3 meters long and 2.5 meters wide, the machine is permitted to access public roads in Europe.





**TRILO R10 now with improved TRILO cutting reels**

Not only does the simplified structure make it quicker to set the TRILO R10 to the correct cutting height, but it has also become more maintenance friendly. We have adjusted the position of the lower blade, thus creating a flatter discharge of the grass clippings. We have now placed the cutting unit bearings on the outside, thereby creating a better fit and leaving much less space for grass clippings to accumulate. Thanks to the unique TRILO feeler roller brush, the rollers are kept as free as possible of adhering grass clippings.

## VCU200

- Working width of 2.0 m (79”).
- Robust steel frame.
- Depth of verti-cutting can easily be continuously adjusted.
- PTO: 540 rpm.
- Driven by PTO drive shaft.
- Suitable for categories 0, I and II.
- Optional undulation kit.
- Power requirement > 25 hp (18 kW)
- Suitable for category 0, I and II



## Verti-cut unit with a working width of 2.0 m



If a thatch layer becomes too thick in the turf, water, air and fertilizer can no longer reach the soil properly, which also reduces the effectiveness of pesticides, and it offers a habitat for pests. Water evaporates faster because it remains in the thatch layer and can no longer properly absorb into the soil, which then dries out faster. Verticutting can help prevent these problems. The VCU200 is a 2 m wide machine for extra wide verti-cutting of flat terrains. A PTO drive shaft provides the drive and the required power is 22 HP (16 kW). The scarification depth is easily and continuously adjustable with the threaded spindle on both sides of the unit. The units are standard equipped with knives with 5 tips of manganese steel and are 3 mm thick or are optionally equipped with knives with tungsten tips. Optionally, the units can be equipped with gauge wheels (undulation kit) at the back of the frame for even better and more precise following of the ground.

## BL960 Leaf blowers

Leaves can cause damage, especially in sod farms near wooded areas. When leaves are left on the ground too long, they will suffocate the grass and cause growth of moulds and rotting, which seriously affects the grass. Only quick and efficient leaf clearance will ensure that you keep your grass areas healthy. The TRILO BL960 is the most powerful leaf blower in our range. This giant blower can be used on tractors with power from 45 HP (33 kW), and it has a Ø 960 mm impeller with V-belt drive. This blower is powered by a Walterscheid PTO shaft, and it is equipped as standard with a 180-degree adjustable reverse exhaust spout that is hydraulically operated from the driver's seat. With the spout pointed downwards, the BL960 blows both sides of a pathway clean in one go. The Anti-scalp roller ensures that the blower follows the ground perfectly and prevents damage to the turf and the spout.



*With the BL960 TRILO offers the most powerful leaf blower of its kind!*

### BL960

- **Compact and light with enormous power.**
- **Adjustable gauge wheels and anti-scalp roller.**
- **Driven by PTO drive shaft.**
- **Robust construction**
- **Reverse exhaust spout hydraulically operated from the driver seat.**

**EXTREMELY POWERFUL**

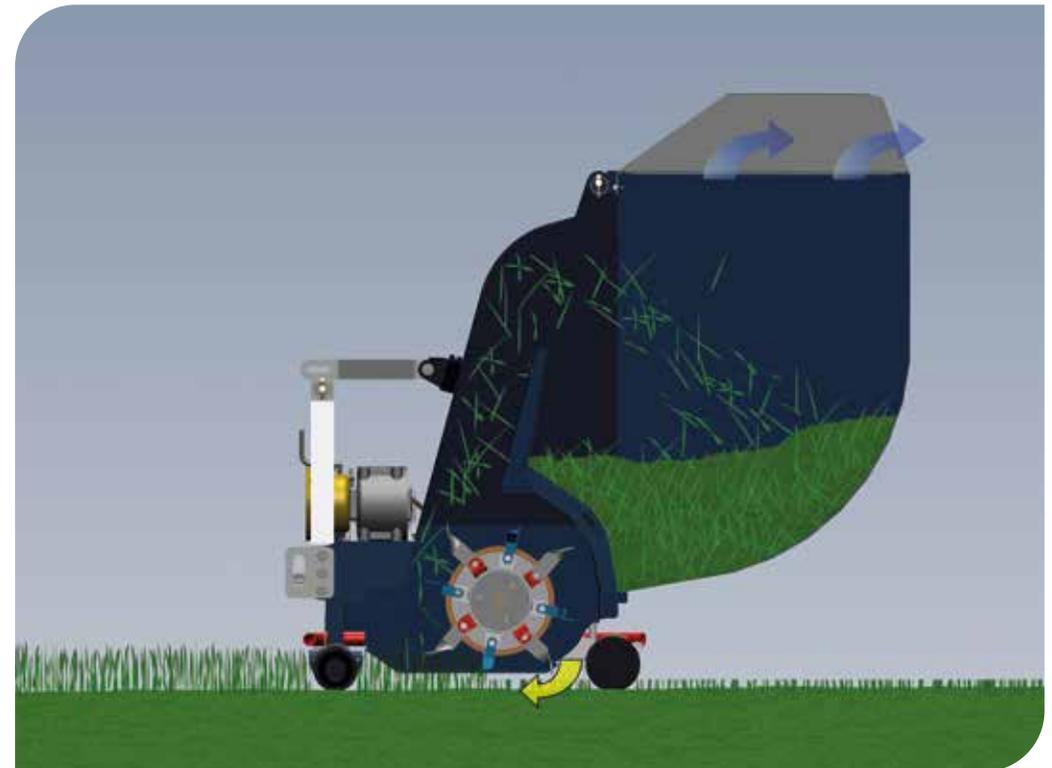


# C1 Verticut, mow and grass collection unit

## Multipurpose device for collecting, mowing or verticutting

C1, a compact multi-functional and versatile machine for small turf growers. The TRILO C1 is a unique machine that can mow flail, verti-cut and collect in one pass. This robust machine is suitable for tractors from 30 HP (22 kW) for maintenance of sports fields. The more than 1 m<sup>3</sup> large hopper can be hydraulically emptied and the shape of the dust cover on top of the hopper directs the airflow to the back instead of upwards. The knives are easily accessible for cleaning, maintenance and changing. Changing blades is possible without using tools. Besides mowing and collecting grass, the powerful shaft with wind paddles can also be used for collecting leaves.

On the left you can see an overview of the knives available for the C1.



# Markets

---

TRILO offers not only high quality solutions for clearing leaves, litter, clippings and grass cuttings, but also has a wide experience in the following work areas:

- Clearing leaves & verge mowing
- Turf Industry
- Airside FOD and Habitat Management
- Groundskeeping
- Greenkeeping
- Litter Collection
- Equestrian sector



*Improving our environment*



### Technical Support

**31 33 450 61 78**

[service@trilo.com](mailto:service@trilo.com)

Our technical staff is available to assist you with questions about our products or technical information.



### Parts

**31 33 450 61 77**

[parts@trilo.com](mailto:parts@trilo.com)

Original parts for the best price, directly from our warehouse. Quick and easy 24/7 ordering in our webshop.

<http://shop.vanmac.nl>



### 24/7 Delivery Service

We pack and ship from our warehouse to anywhere in the world within 24 hours!



TRILO Smart Industries / Astronaut 40 / 3824MJ Amersfoort / The Netherlands

Tel: (+31) (0)33 456 45 50 / E-mail: [info@trilo.com](mailto:info@trilo.com) / [www.trilo.com](http://www.trilo.com)

