



Leaf Clearing



All Clear.



50+ years of experience in 50+ countries

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.



SU40

- Handheld wander hose with a working range from 5 meters Ø 200 mm
- Exhaust can rotate 360 degrees
- Safety sensor on fan housing
- Impeller with a diameter of 400 mm
- Interchangeable wear plates
- Static-dynamically balanced
- Easy to maintain and clean
- Allowed on public roads up to 80 km/h (50 Mph)
- Easy to clean with a garden hose.
- Water is easily drained via drain with cap.



SU40 and SU60 Debris loaders

The TRILO SU40 and SU60 vacuum sweepers are ideal for loading vehicles with large volumes of leaves or waste. The design of the square exhaust duct, combined with a powerful impeller, creates tremendous suction power. The SU40 is the standard version. The SU60 has more power than the SU40. With a more powerful motor, bigger impeller and larger hose diameter, the SU60 has the highest level of suction power of the two models. The manganese steel impeller blades shred the material taken up by suction, distributing it evenly and filling the load bed optimally.

The suction hose

The suction hose is equipped with a sturdy metal end-piece with an ergonomic handle. A caster wheel under the end piece carries its weight while you work, which makes using the suction hose a much lighter task. During work, the suction hose is also supported by a pivoting extension arm. You can store it securely in its transport bracket when you are finished. TRILO SU models are standard equipped with a suction hose that allows a working range of 5 meters.



The **TRILO SU40** is standard equipped with a 200-mm diameter suction hose with a working range of 5 meters, and it has a 400-mm diameter fan. The SU40 vacuum sweepers are powered by economical, low noise and reliable Honda engines.



SU60

- Handheld wand hose with a working range from 5 meters Ø 250 mm
- Exhaust can rotate 360 degrees
- Safety sensor on fan housing
- Electrical starter engine
- Impeller with a diameter of 600 mm
- Interchangeable wear plates
- Extra powerful Honda V-Twin engine
- Static-dynamically balanced
- Allowed on public roads up to 80 km/h (50 Mph)
- Easy to clean with a garden hose
- Water is easily drained via drain with cap

The **TRILO SU60** is standard equipped with a 250-mm diameter suction hose with a working range of 5 meters, and it has a 600-mm diameter fan. SU60 vacuum sweepers are powered by a very powerful and reliable Honda V-twin engine. The SU60 also has a electrical starter engine.

Maintenance

The impeller and blower housing wear plates can easily be serviced through the rear access panel, without removing the engine. The fan housing of a TRILO SU60 debris loader is easy to clean with a garden hose and excess water is simply drained by using a drain plug in the bottom of the fan housing.

Adjustable exhaust spout

The adjustable exhaust spout can be rotated 360 degrees and has an adjustable end-valve. This makes the machine flexible for coupling to a range of working vehicles or trailers, because the exhaust curve can always be adjusted to the correct exhaust setting.

Permitted on public roads

TRILO SU debris loaders are mounted on a sturdy chassis equipped with lighting and a ball hitch, and they are suitable for use on public roads (maximum 50 Mph - 80 km/h). Hook it up easily, drive to the work site, and start working right away!



T1

- Fits on most vehicles
- Easy to operate
- Little maintenance required
- Easy to clean
- Suitable for the removal of various waste materials



TRILO T1 Independently driven suction unit

Turn a smaller vehicle into a vacuum sweeper

The T1 vacuum unit is TRILO's unique concept to adapt smaller vehicles, such as UTVs (utility vehicles), pick-up trucks or trikes, into a small vacuum sweeper. Removing and collecting mobile and flexible waste materials from the most difficult locations is now made easy with the TRILO T1. You can easily mount the TRILO T1 onto a loading bed, and it is then immediately ready for use. With this mini-unit, you effortlessly vacuum a load volume of one cubic meter of litter, pruning residue or leaves with a five-meter suction hose. This vacuum unit is easy to operate and requires little maintenance. The TRILO T1 is ideal for narrow roads, urban areas, camping sites, cemeteries, parks and golf courses, but it is also excellent for use during events.



A TRILO T1 can simply be placed on a any loading deck and used immediately.



S3



- Sweeping and collecting in one pass.
- EU Type approval.
- Adjustable air outlet.
- Large tyres for low ground pressure.
- High working speed.
- Driven by PTO drive shaft.
- Optional wander hose of 6 m Ø 200 mm.
- Usable all year round for several jobs.
- Can be operated by one person.
- Several shafts available as options.
- 1.6 m high-tipping bin.



S3 Compact sweep and collect

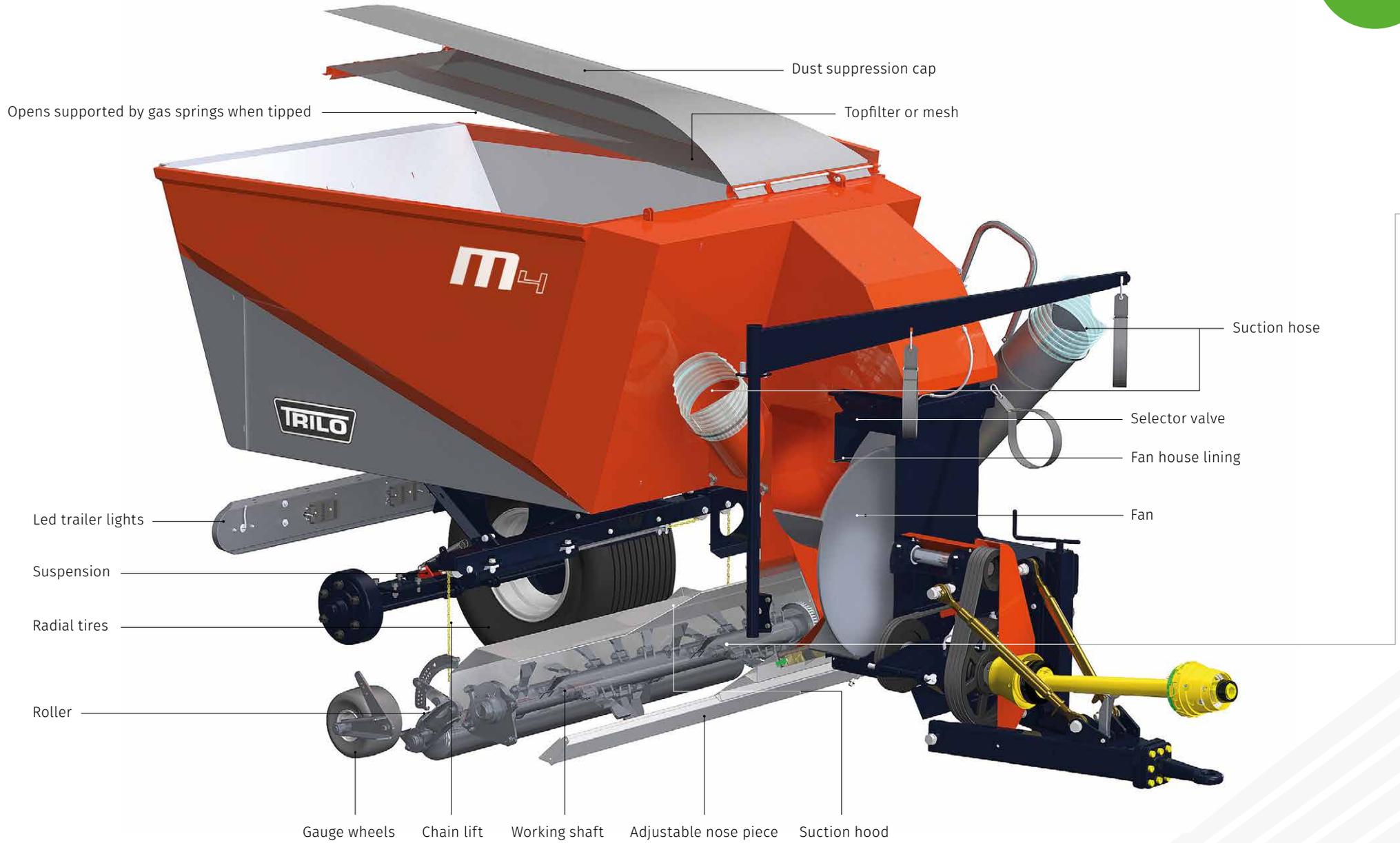
For clearing leaves

Compact and maneuverable vacuum sweepers with a loading capacity of 3 m³ that you can use to sweep and collect leaves and/or litter. The compact vacuum sweepers are ideally suited for use at smaller sites, for example at camping sites, city parks or events. A powerful fan ensures enormous suction power and is mounted in a housing fitted with a replaceable lining. The fan is driven by a PTO drive shaft attached to the tractor and requires an output of 35 – 70 HP (26 – 51 kW). Because the shaft in the suction hood is exchangeable, compact vacuum sweepers can be configured for several jobs. Optionally, the compact vacuum sweepers can be equipped with a wander hose to allow vacuuming materials from hard-to-reach places. You can get started right away wherever you want because the TRILO S3 now has a type approval for transport on public roads. The TRILO S3 has a new look and now looks even sleeker. The vented airflow can now be adjusted optimally using the adjustable end of the dust cap. You can now control the air flow direction at the back yourself.



With a TRILO S3 you can sweep and collect in one pass. Leaf removal with a TRILO leaf vacuum sweeper is the most effective way of removing leaves. The S-series can be optionally equipped with a hand-operated suction hose.





M-Series Multi-purpose vacuum sweepers

With the M-series, TRILO offers the best and most multi-purpose vacuum sweepers available. The M-series vacuum sweepers can be used all year round for various activities. By simply changing the working shaft, you can make the vacuum truck suitable for a different task, for example mowing, verti-cutting or sweeping and collecting in one pass. Compact M-series vacuum sweepers are equipped with a hand-operated suction hose with a working range of 6 metres. It allows you to effortlessly vacuum and remove waste materials from hard-to-reach places.



- With a verti-cutting shaft you can verti-cut and collect in one pass.
- For sweeping and collecting different types of waste materials such as leaves, grass clippings, verti-cutting residues but even solid waste, there is a brush shaft.
- There is a wide choice of several mowing axes. There are both mowing shafts for fine work, such as for mowing lawns, but also heavy flail shafts for tougher conditions. These work axes are very suitable for mowing roadsides or fallow areas with dense vegetation.
- TRILO vacuum sweepers can also be equipped with a combi-axle that allows you to verti-cut and mow and collect at the same time.

Do more all year round with TRILO vacuum sweepers



M3



- Sweep, verti-cut or mow in one pass.
- Large tires for low ground pressure.
- Adjustable air outlet
- High working speed.
- Can be configured online according to your needs.
- Powered by power take-off (PTO).
- Equipped with hand-held suction hose 6 m Ø 200 mm.
- Can be used all year round for various tasks.
- Optional multiple work axes available.
- Operated by one man.
- 1.6 m high tipper.
- European type approval
- Working width: 1.5 m



Compact multi-purpose vacuum sweepers 3 m³

For sweeping, verti-cutting or mowing and collecting equipped with suction hose

The TRILO M3, is a compact and highly-maneuvrable vacuum sweeper with a load capacity of 3 m³. Our compact M3 vacuum sweepers are perfectly suited for smaller areas, such as campsites, city parks, cemeteries or recreational areas. The powerful impeller provides enormous suction power and is mounted in a housing fitted with Replaceable wear plates. As standard, the M3 features a brush shaft with 1.5 m working width, which sweeps up and collects waste materials effortlessly. Because the brush shaft is interchangeable in the suction hood, this machine can also be adapted for a range of tasks. So you can also use the TRILO M3 for mowing, verti-cutting and collecting in one pass. The M3 is equipped with a hand-operated suction hose with a working range of 6 meters, with which you can vacuum up waste material from hard-to-reach places. The vented airflow can now be adjusted optimally using the adjustable end of the dust cap. With an M3, you can now control the air discharge direction. You can get started right away wherever you want because the TRILO M3 now has a type approval for transport on public roads. The fan is driven by a PTO drive shaft attached to the tractor and requires an output of 35 – 80 HP (33 – 59 kW).



The compact multi-purpose TRILO vacuum sweepers that can not only be used for sweeping and collecting, but can also be used with a different working axle for mowing or verti-cutting and collecting in one pass.



M4

M

- Sweep, verti-cut or mow and collect in one pass.
- Large radial tires for low ground pressure.
- High working speed.
- Can be configured online according to your needs.
- Powered by power take-off (PTO).
- Equipped with hand-held suction hose 6 m Ø 250 mm.
- Can be used all year round for various tasks.
- Optional multiple work axes available.
- Operated by one man.
- 2.15 m high tipper.
- European type approval
- Mowing and verti-cutting working width: 1.8 - 2.1 m
- Sweeping working width: 2.4 m



Compact multi-purpose vacuum sweepers 4 m³

For sweeping, verti-cutting or mowing and collecting equipped with suction hose

TRILO M4 is a compact multi-purpose vacuum sweeper with a loading volume of 4 m³. With its larger loading volume and working width, the M4 has more capacity compared to the M3. The M4 and is great for clearing leaves but sweeps and collects also, effortless solid waste materials from streets and squares. A very powerful impeller provides an enormous suction power and is mounted in a housing fitted with replaceable wear plates. Because this brush shaft is exchangeable in the suction hood, the M4 can be made suitable for mowing or verti-cutting and collecting in one pass. The hand-operated suction hose, with a working range of 6 m, makes the M4 truly multi-purpose, removing large amounts of waste material from hard-to-reach places. An M4 can be used all year round. A powerful fan in a housing lined with replaceable wear plates is powered by a PTO drive shaft attached to the tractor and requires an output of 45 - 90 hp (33 - 66 kW). You can get started right away wherever you want because the TRILO M4 now has a type approval for transport on public roads.



M8 to M20

M

- Sweep, verti-cut or mow and collect in one pass.
- Extra wide radial tires for low ground pressure.
- Powered by power take-off (PTO).
- With suction hose options.
- Can be used all year round for various tasks.
- High working speed.
- Can be configured online according to your needs.
- Compact and manoeuvrable.
- Be able to work longer due to a large loading volume.
- Easy unloading by means of a self-unloading chain floor.
- Operated by one man.
- Mowing and verti-cutting working width: 1.8 - 2.1 m
- Sweeping working width: 2.1 - 2.4 m



Large multi-purpose vacuum sweepers

For clearing leaves, verti-cutting, mowing and collecting equipped suction hose

More loading volume and therefore being able to work longer is possible with the large multi-purpose vacuum trucks. Unloading is also quick and easy because these vacuum sweepers are equipped with a chain floor. These large multi-purpose vacuum sweepers can be used for various activities because the brush shaft in the suction hood is exchangeable, you can also mow or scarifying and collect in one pass. Various work axes are optionally available. The M-Series vacuum sweepers are also additionally equipped with a suction hose that allows you to quickly and efficiently collect huge amounts of waste material. The large M-Series vacuum trucks can be equipped with a suction hose mounted on a hydraulically controlled working arm, but also with a manually operated suction hose. This makes these multi-purpose vacuum sweepers widely applicable. A powerful fan in a housing lined with replaceable wear plates is powered by a power take-off shaft (PTO) coupled to the tractor and requires a power of 70 - 130 hp (51 - 88 kW). Extra-wide radial tires ensure a very low ground pressure.



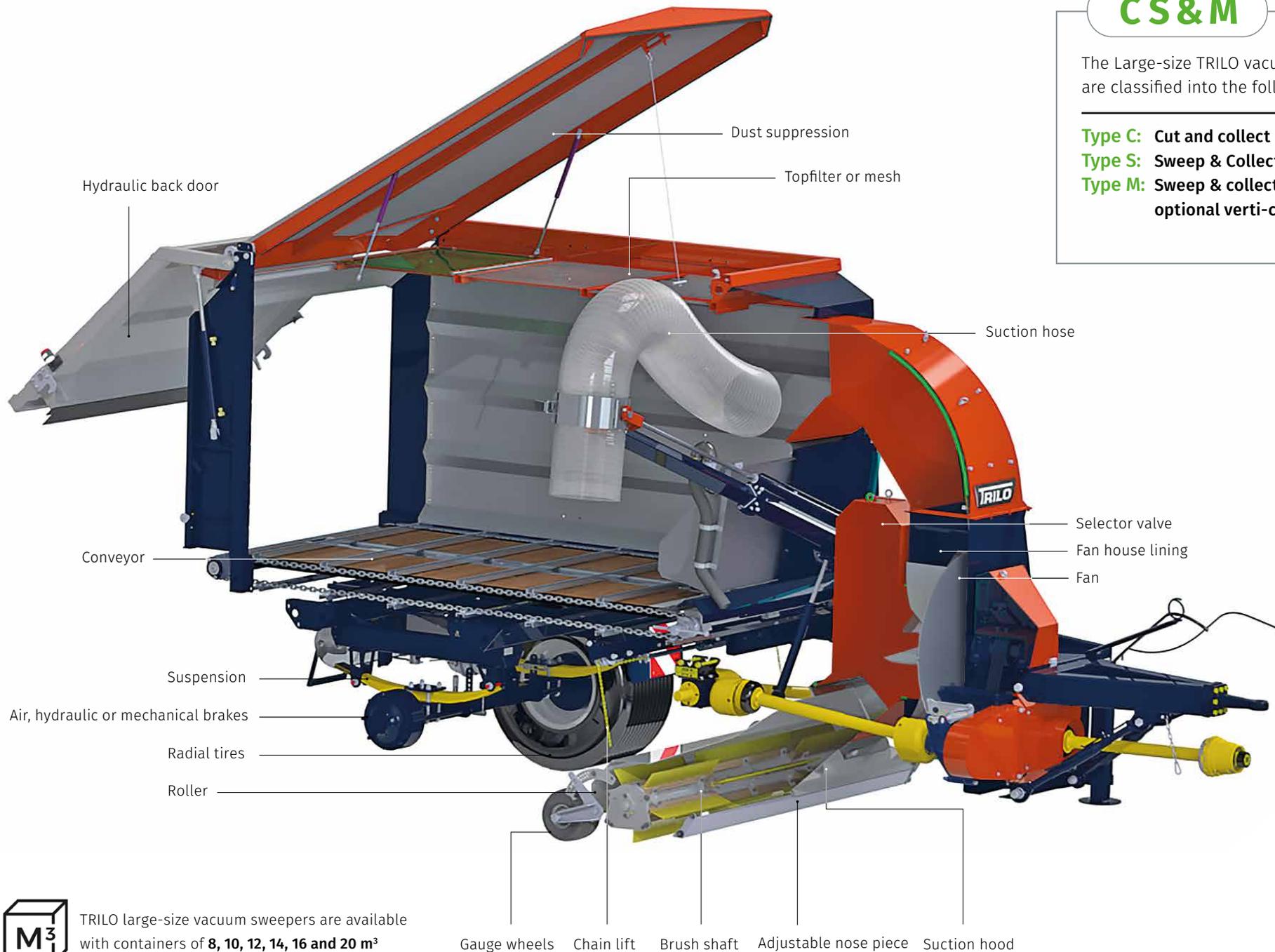
CS&M

The Large-size TRILO vacuum sweepers are classified into the following types:

Type C: Cut and collect

Type S: Sweep & Collect

Type M: Sweep & collect + suction hose and optional verti-cut and mow axles



TRILO large-size vacuum sweepers are available with containers of **8, 10, 12, 14, 16 and 20 m³**

Large multi-purpose vacuum sweepers



A suction hose can be mounted in two different ways:

1. A 350 mm hose on a hydraulically controlled boom that can be optionally operated with a joystick that can be mounted on the left and right side.
2. The large sweepers can also be equipped with a flexible suction hose with a diameter of 250 mm and a working range of 6 m. The suction hose is equipped with a sturdy metal end-piece with an ergonomic handle. A caster wheel under the end piece carries its weight while you work, which makes using the suction hose a much lighter task.



You are not restricted to collecting leaves with a brush shaft mounted in the vacuum head, because you can also do it with the flexible, manual suction hose, or one mounted on a hydraulically controlled working arm.

Joystick Control

With the M-Series all functions can be controlled from inside the cabin with the electro hydraulic joystick control*

- One man operation
- Ergonomic design
- User friendly
- Intuitive operation
- Adaptable to user preferences
- User interface available in different languages
- Easy to install in any brand of tractor

*Optional



Control Functions:

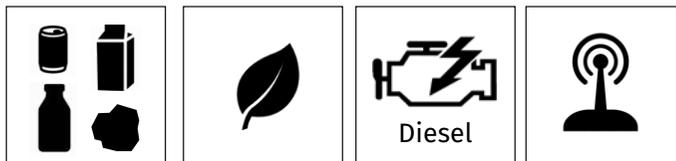
- Suction Hose
- Pending System
- Suction Hood
- Suction Selection Box
- Unloading Door
- Unloading Floor
- Water Injection
- Working Lights
- Hazard Lights
- Rotating Beacons



The suction hose is operated with the joystick control.

TS

- Powerful impeller with strong suction capacity.
- Can also be used stand-alone.
- Suitable for working in urban areas.
- Easy to operate with radio remote control.
- Low noise level.
- Equipped with an automatic shuttle.
- Low-emission engine (stage V).
- Easy pick up and set down with hook lift system.
- Available with various load volumes 17, 20, 22, 25 and 28 m³.



TS Vacuum Containers

Mobile collection of large quantities of fallen leaves and waste

The impeller of the TS-Series vacuum containers is driven independently by a low-emission water-cooled Hatz diesel engine (stage V). The impeller and engine housing is fitted with a sound-absorbing package. The powerful impeller provides enormous suction power and is mounted in a housing that is fitted with a replaceable inner lining. The suction hose is mounted onto a simple radio-controlled telescopic level arm that can move up and down. The suction hose has a diameter of 350 mm and a length of 400 cm and is fitted with a steel end piece. Optionally, a water spraying system is available for reducing the dust that may be released. We can supply the vacuum containers with load volumes of 17, 20, 22, 25 and 28 m³. We supply TS-Series vacuum containers in a hook arm version for the easy loading onto and unloading from lorries.



Suitable for working in urban areas.



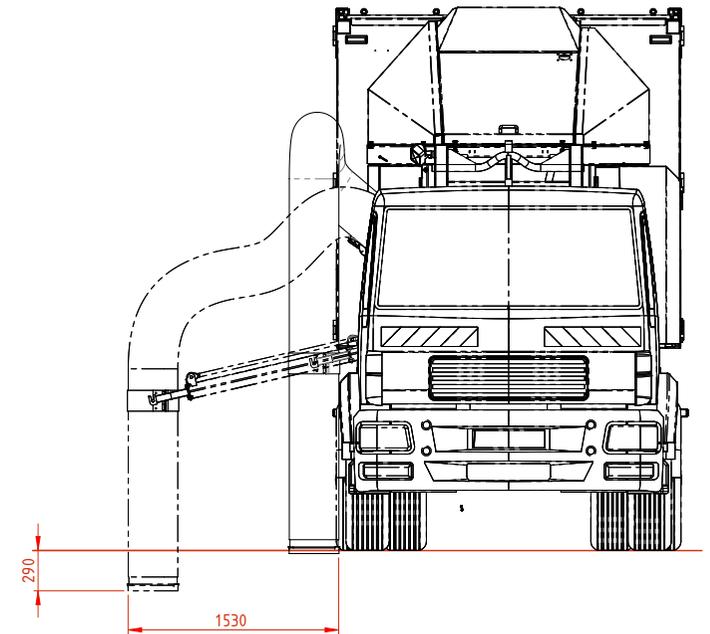
Automatic hose pendling moves the suction hose back and forth for better suction.

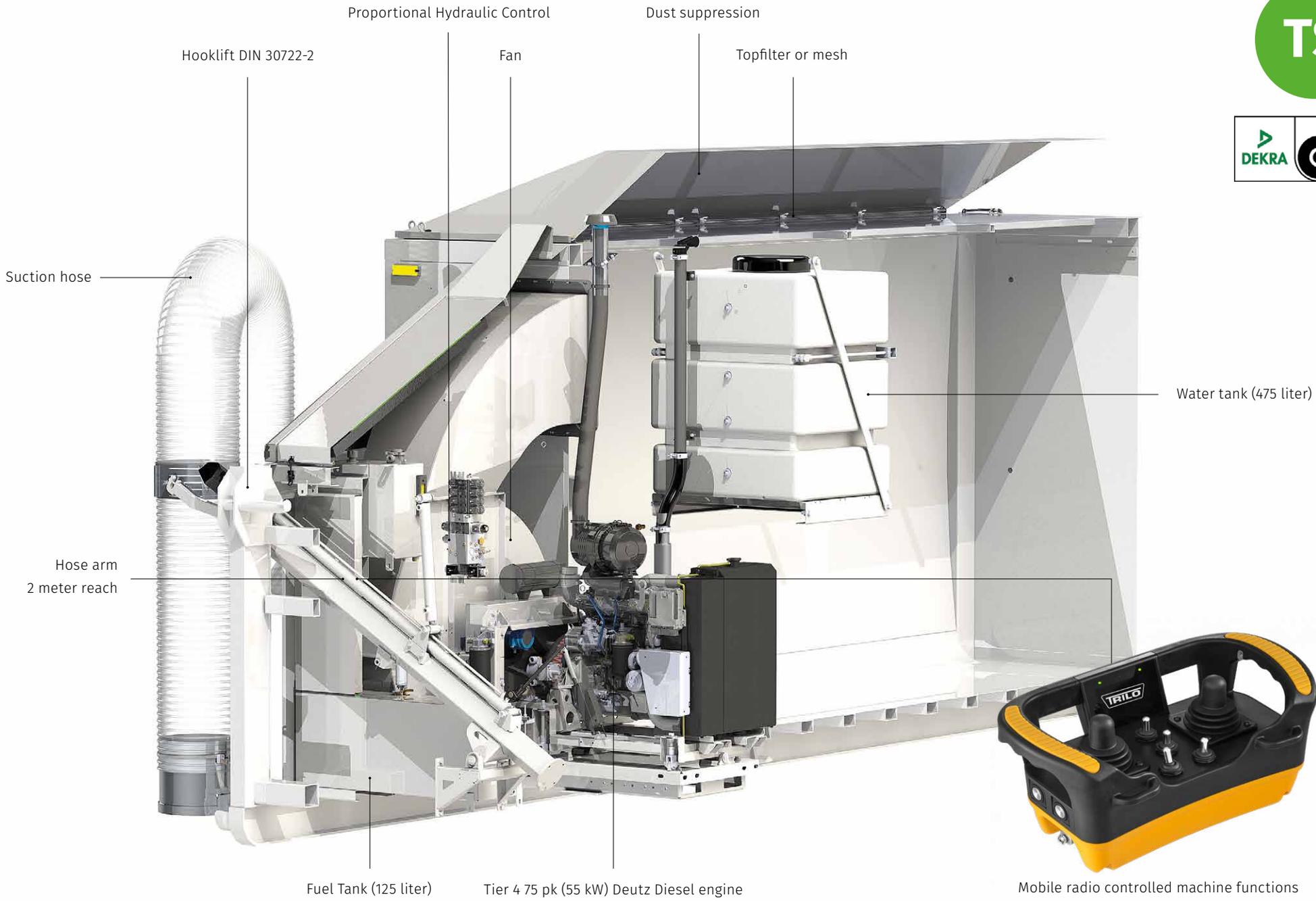


Easy pick up and set down with hook lift system.



Available with various load volumes 17, 20, 22, 25 and 28 m³.







A

KS CW 179

ACTROS

2546

Wikipedia

AX 2221

Overview of options and specifications

	VACUUM UNITS			VACUUM SWEEPERS			VACUUM CONTAINER
	SU40	SU60	T1	M+S3	M4	S-Series	TS
Power source:							
540 rpm PTO	-	-	-	●	●	-	-
1000 rpm PTO	-	-	-	-	●	●	-
2100 rpm PTO	-	-	-	-	-	-	-
Hydraulic	●	-	-	-	●	●	-
Diesel engine	-	-	-	-	-	-	● Stage-V
Petrol engine	●	●	●	-	-	-	-
General specs:							
Power requirement	13 hp	20 hp	13 hp	35-70 hp*	45-70 hp*	90-130 hp*	-
Airflow m ³ /min	180	200	180	280	315	390	400
Hopper Capacity	-	-	1 m ³	3m ³	4m ³	8 - 20m ³	17, 20, 22, 25, 28m ³
Tyre size	4.80x4.00-8	20.5x8.0-10	18,5x8,5-8	26,5x14	500/50R17	500/50R17	-
Trailer type:							
Slow speed	-	-	-	●	●	●	-
High speed	●	●	-	-	-	●	●
Suction hose:							
200mm	●	-	●	●	-	-	-
250mm	-	●	-	-	●	●	-
350mm	-	-	-	-	-	●	●
Joystick control:							
Black/white	-	-	-	-	-	-	-
Proportional	-	-	-	-	-	●	●
Brush hood drive line:							
Mechanical	-	-	-	●	●	●	-
Hydraulic	-	-	-	●	●	●	-
Brush hood width:							
1.30m	-	-	-	-	-	-	-
1.50m	-	-	-	●	-	-	-
1.80m	-	-	-	-	●	●	-
2.10m	-	-	-	-	●	●	-
2.40m	-	-	-	-	●	●	-
3.00m	-	-	-	-	-	●	-
Working shaft:							
Brush	-	-	-	●	●	●	-
Rubber flap brush	-	-	-	-	-	●	●
Verticut	-	-	-	-	●	●	●
Finishing mower	-	-	-	-	●	●	●
Heavy duty mower	-	-	-	-	-	-	●
Brake System:							
No brakes	●	●	●	●	●	●	-
Hydraulic brakes	-	-	-	●	●	●	-
Overrun brakes	-	-	-	●	●	●	-
Air brakes	-	-	-	-	-	●	-
Filtering:							
Top net	-	-	-	●	●	●	●
Top mesh	-	-	●	●	●	●	●
Dust cap	-	-	●	●	●	●	●
Water injection	-	-	-	-	-	●	●
Fine dust filter**	-	-	●	-	-	-	-
Gulley Brush:							
	-	-	-	●	●	●	-
Blower option:							
Reversible spout	-	-	-	-	-	-	-
180° rotatable spout	-	-	-	-	-	-	-

* (Cut & Collect) Depending on the circumstances ** Optional

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



All Clear.

www.trilo.com



Technical Support

31 33 450 61 78

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

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 / www.trilo.com

