

 **veenhuis**

CORPORATE
BROCHURE



Manure Matters

VEENHUIS MACHINES



Why?

Veenhuis Machines contributes to feeding soils, plants, animals and people. Sustainable agriculture in line with PlanetProof principles and a sustainable food chain are global goals.

We believe in utilising a closed cycle of natural fertilisers, which ensures that the nutrients provided by liquid manure are optimally used.



How?

Veenhuis Machines develops, designs and manufactures systems and products that enable farmers to benefit from organic fertilisers and the nutrients contained in them.

Veenhuis Machines uses measurement and low-emission application technology to reduce nutrient leakage into the minerals cycle.

Natural fertilisers are not a waste product – quite the contrary: Organic fertiliser provides important nutrients for healthy soils.

Our challenges lie in evaluating slurry, and in using and applying it correctly.



What?

Veenhuis has specialised in products for processing, transporting and spreading liquid manure since 1938, and our company's expertise is renowned all over the world.

The unmistakable yellow Veenhuis machines are synonymous with high quality.

Manure Matters!

Manure Matters

Whenever you think of manure, Veenhuis Machines should be the first thing to come to mind.

Veenhuis Machines has over 75 years of experience in the development and design of agricultural machinery, and this is clearly reflected in the quality and unparalleled functionality of Veenhuis machinery. Veenhuis is a specialist supplier of a full range of products for processing, transporting and spreading liquid manure. Veenhuis has the right solution for any (operative) situation.



FEATURES

- ⊕ Minimum soil damage
- ⊕ No contamination
- ⊕ High capacity
- ⊕ High efficiency due to short start-up and clean-up times
- ⊕ For small to very large lots.

ROTOMAX

The Veenhuis Rotomax slurry reel guarantees minimum soil damage and delivers high capacity.

As this fertiliser combination does not need to pull the hose, it requires substantially less traction and therefore effectively prevents contamination and crop damage. Tyre pressure can be reduced to a mere 0.5 bar, making this system the gentlest in terms of negative impact on soils and plants compared to any other system on the market. "Where conventional drag hose systems reach their limits, this machine simply keeps going", say satisfied users of this Veenhuis system.

The Veenhuis Rotomax stands out compared to conventional systems, as the feed hose is placed on the ground and picked up again from the same spot by a swivel arm. This makes for great flexibility on the field and allows lots to be fertilised in the same manner as with a tractor/tank combination.

Set-up and clean-up times are very low with the Rotomax. Once you have arrived at your field, you simply connect the hose and are ready to start applying fertiliser. Once you are finished, the hose can be cleaned with water or air. The Rotomax can also be simply disconnected, and you can continue to work on the next lot. The well-thought-out system of a feed hose on the reel ensures that both small and large lots can be fertilised effortlessly.

OPTIONS

- ⊕ 900/65 R32 tyres
- ⊕ Slurry measurement
- ⊕ NIRS measurement
- ⊕ Telescopic axle
- ⊕ Articulated drawbar
- ⊕ 4.5" hose
- ⊕ 5" hose



Small and large lots

As there is no need for unrolling the entire Veenhuis Rotomax slurry reel, small lots can be easily fertilised without needing to worry about how many metres of hose you'll need for the lot. This is in pleasant contrast to conventional drag hose systems. If you start working in the middle, lengths of up to 1100 metres can be completed on large lots. On average, lots up to 40 hectares in size can be completed in a single pass, without needing to couple or uncouple. Rotomax is synonymous with high capacity and effectiveness!



Hose routing arm

The hose routing arm guarantees that the hose can be placed in any position, even right next to the injector, with a 12-metre working width, allowing this system to be used with row cultures. The design of the hose routing arm ensures that the hose runs evenly through the arm and any soiling on the hose is removed immediately, which prevents hose wear. Hose durability is extended substantially thanks to the Rotomax system (compared to conventional drag hose systems). The arm can be folded in hydraulically for transport.





Articulated drawbar

The Veenhuis Rotomax slurry reel is optionally available with an articulated drawbar so that you can spread fertiliser even with offset tracks. This also allows very tight turns at the headland and makes for easy manoeuvring around difficult access areas to your lots.



Telescopic axle

The Veenhuis Rotomax slurry reel is optionally available with a telescopic axle, which can be extended by 50 cm on both sides. This ensures that machines do not need to return to the same tracks as often and reduces soil compaction to a minimum in combination with the large tyres, which come as standard with the Rotomax. The Veenhuis telescopic axle is designed for large loads. It delivers outstanding safety compared to other machines, even when working in hilly and mountainous terrain. The unique telescopic axle design keeps maintenance costs at a minimum and reduces tyre wear.



Tyre pressure control system

A tyre pressure control system not only allows soil compaction to be minimised, but also ensures that tyre wear and fuel consumption can be reduced. A tyre pressure control system comprises a tyre which can be used at low pressure. Veenhuis therefore offers the Rotomax with the option of 900/65 R32 tyres, which offer all the features you expect from low-pressure tyres. Always drive your machines at the optimal tyre pressure under any conditions! If you use a high-performance compressor, you can install a tyre pressure control system on your tractor and control it via the compressor. Veenhuis offers a range of options for this solution.



PremiumControl

The Veenhuis Rotomax slurry reel is equipped with ISOBUS control and is supplied with an Isomatch Tellus GO terminal as standard. This terminal can be connected to a matching joystick, which users can program and set up with the functions they need. Easy-to-use push buttons and smart control functions, including for headlands, ensure comfortable operation and allow the operator to focus on driving. The linkage pressure control and reel speed can be continuously adjusted while driving. ISOBUS control additionally permits the use of application maps and the connection of an NIRS sensor.

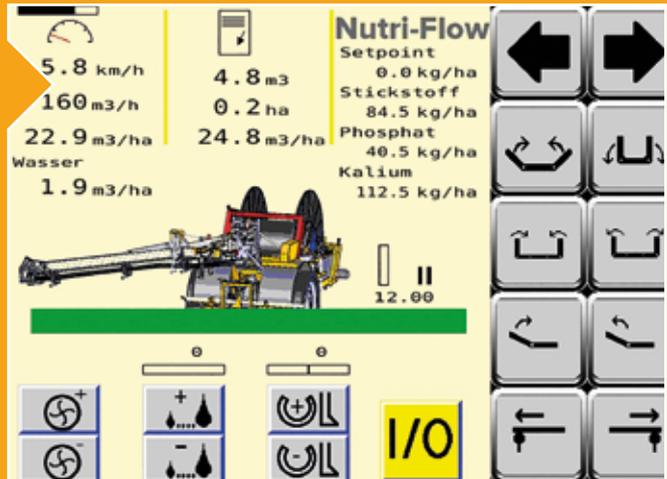
Remote control

The pump for the Veenhuis Rotomax can also be remotely controlled. This allows the feed to be interrupted at the headland to avoid pressure peaks in the feed hose and damage to the hose. At the same time, there can be no miscommunication between the pump unit operator and Veenhuis Rotomax operator, and the slurry flow is always started and suspended at precisely the right time. Veenhuis also supplies a separate set for installation on existing pump units.



Flowmeter Slurry and water

The Veenhuis Rotomax slurry reel is optionally available with a flowmeter for precise metering. The terminal displays both the application rate per hectare and the cubic metres applied per hour. The latter value indicates current capacity and provides information about the overall system operation. Where slurry has a higher dry matter content (above 5%), water can be added via the pump unit. In this case, the water flow can be displayed when using the system with the Veenhuis Quanta pump unit.



Hose diameter selection

The Veenhuis Rotomax can be equipped with 600 metres of a 4.5" hose or 500 metres of a 5" hose. The choice of hose depends on the lot size: the longer the hose, the more flexibility; the larger the hose, the greater the capacity.



Precision fertilisation

The Veenhuis Rotomax slurry reel features an ISOBUS system, which allows the Rotomax to be equipped with an NIRS sensor for real-time analysis while spreading manure. Additionally, application maps and fully automated section control can be used in combination with a GPS system. The Veenhuis Rotomax system can also be used to determine nutrient needs precisely for specific locations.



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