veenhuis

DRAG HOSE SYSTEMS

solid durable

LESS SOIL-COMPACTION

Drag hose syste

ms

Are you thinking of slurry? Then you're thinking of Veenhuis!
Veenhuis Machines has 75 years' experience in developing and producing agricultural machinery, which shows in the quality and efficiency of the products.

As a partner in slurry handling Veenhuis offers a complete package for transport, application, and handling of the slurry. Veenhuis has a suitable solution for any situation.

CAPACITY
RELIABILITY

Drag hose systems

The Veenhuis Program:

Soil compaction slows down crop growth. Veenhuis drag hose systems have a working width of 12 metres, and in combination with a low tyre pressure this minimizes the the soil compaction of your land during injection. This way you get the best possible crop growth. A drag hose system has a continuous supply of slurry, losing no time loading and unloading. A drag hose system can fertilize non-stop.

EURO 1200

Drag hose injector with drag pipe and a working width of 12 metres. High capacity with low soil compaction.

ROTOMAX

Slurry reel with high capacity and nearly no turfdamage.

QUANTA POMPUNIT

Pumpunit, optionally with remote control.

EURO 1200

FEATURES

WORKING WIDTH OF 12 METRES

PERFECTLY SOIL-FOLLOWING

MINIMAL SOIL COMPACTION

OPTIMAL SPREADING

The Euro 1200 is provided with the Veenhuis parallellogram element as well as proportional coulter pressure, so every disc has the same working depth and is perfectly soil-following. The discs stay sharp after wear, because of the three parts.

The large support wheels with air-pressured tyres are connected with the hitch. This ensures a minimal load on the tractor even while turning on the headland (minimal soil-compaction and damage).

Manual or GPS controlled pneumatic closing of different sections to apply the slurry as precise as possible.

The injector has two Vogelsang distribution heads for the best spreading. Each outlet boot has its own supply hose to guarantee the exact spreading.

OPTIONS

- Pneumatic locking valves
- Section closure
- GPS-RTK
- Automatic greasing

ROTOMAX

FEATURES

MINIMAL TURF DAMAGE

NO POLLUTION

HIGH CAPACITY

EFFECTIVE BECAUSE OF SHORT START-UP AND SHUT-DOWN TIME

The Veenhuis Rotomax slurry reel guarantees little turf damage and high capacity. The short start-up and shut-down time makes this machine very effective, even on smaller plots.

Contrary to a regular drag hose system, the Rotamax lays down the supply hose with a swivelling arm and picks it up again in the same place. Because the injectioncombination does not have to drag the hose along the ground there is significantly less traction damage in the turf and no smear on the crops.

OPTIONS

Swivelling pole

Telescopic Axle

Tyre inflation system

Optionally the Rotomax can be provided with a swivelling pole, telescopic axle, and tyre inflation system for minimal soil-compaction and small turning circles on the headland.

QUANTA PUMPUNIT

FEATURES

CENTRIFUGAL PUMP 300M³/ HOUR

TWO COMPARTMENT-TANKER WITH 11.000 LITRE CAPACITY

VACUUMPUMP TO START UP WITH

OPTIONS

Suction arm with centrifugal-turbo
Radio-control
Slurry measurement

The Quanta pumpunit pumps the slurry from the pit to the injector. The pumpunit is standardly equipped with a vacu-umpump which sucks the slurry out of the pit into the unit, and a centrifugal pump, which in turn pumps it from the unit to the injector. The pumpunit can be equipped with a hydraulicly controlled suction arm, provided with the Veen-huis centrifugal turbo which can be placed directly into the slurry pit or silo.

Cleaning the hose and injector
After use, the hose and injector can be flushed. In this scenario the pumpunit pumps 7.000 litres of water from its tank through the hose and injector. Optional: air-compressor which blows a spongeball through the hose after flushing.

Radio-control
The machinist of the injector can radio-control the pumpunit. This makes it possible to interrupt the supply of slurry on the headland, which prevents pressure peaks in the supply hose and hose da-mage.

Efficient **Slurry** Application

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NUTRI-FLOW

Why?

Veenhuis contributes to nourishing soil, plants, animals and humans. A sustainable agriculture and food chain is a worldwide goal. We believe in a closed cycle of organic manure and thus in the most optimal utilization of nutrients within this manure.

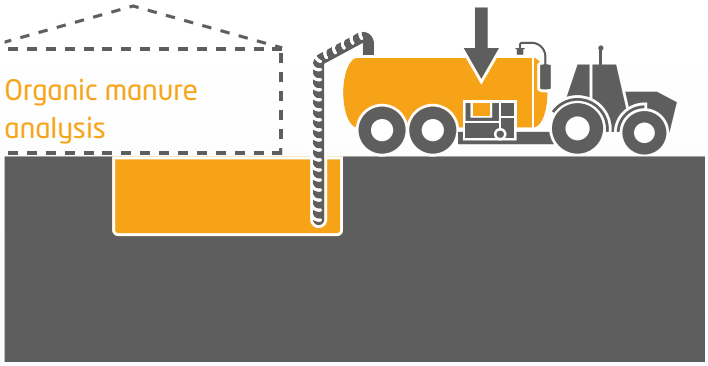
How?

Veenhuis Machines develops, designs and manufactures systems and products in order to enable growers to benefit from organic manure and its nutrients. By measuring and low emission application Veenhuis contributes to the reduction of excretion within the nutrients cycle. Manure isn't the real problem; validation, the proper use and application of it is our challenge.

What?

Veenhuis has concentrated on processing, transport and application of manure since 1938. Our specialism is valued all around the world; the familiar yellow Veenhuis machines are the guarantee of quality.

NUTRI-FLOW Precision Fertilizing



Veenhuis has developed Nutri-Flow and starts the validation of organic manure based upon the analysis of nutrients within organic manure. By using NIRS technic, following organic manure nutrients are registered: **nitrogen, phosphate, potassium, ammonium and dry matter (N, P, K, NH^4-N Ammonium, DM%)**

Analyses can be taken at the source before transportation but also real-time during the low emission application of the organic manure. Nutri-Flow enables growers to tailor the application and use of organic manure, in fact the nutrients within, at the spot adjusted to the specific needs of the soil and plants grown.

Nutri-flow is an important part of precision farming and agriculture, as it validates organic manure up front and real time before application. It saves growers for corrective measures afterwards.

Knowing = Growing,
Guessing = Stressing!

Veenhuis Nutri-Flow enables growers to know!
So they grow!

Advantages - How

- Validation of organic manure
- Better use and application of organic manure
- Results become measurable

Veenhuis enables - What

- Ultimate analysis of organic manure
- Measurement of nitrogen, phosphate, potassium, ammonium and dry matter
- Real time registration during low emission application of N, P, K, NH^4-N Ammonium and DM%
- Dose based on kg of these nutrients per hectare
- Low emission application and dosage of organic manure based on task cards
- Site-specific adding of liquid fertilizer,
- Automatic section control in order to prevent overlap

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