

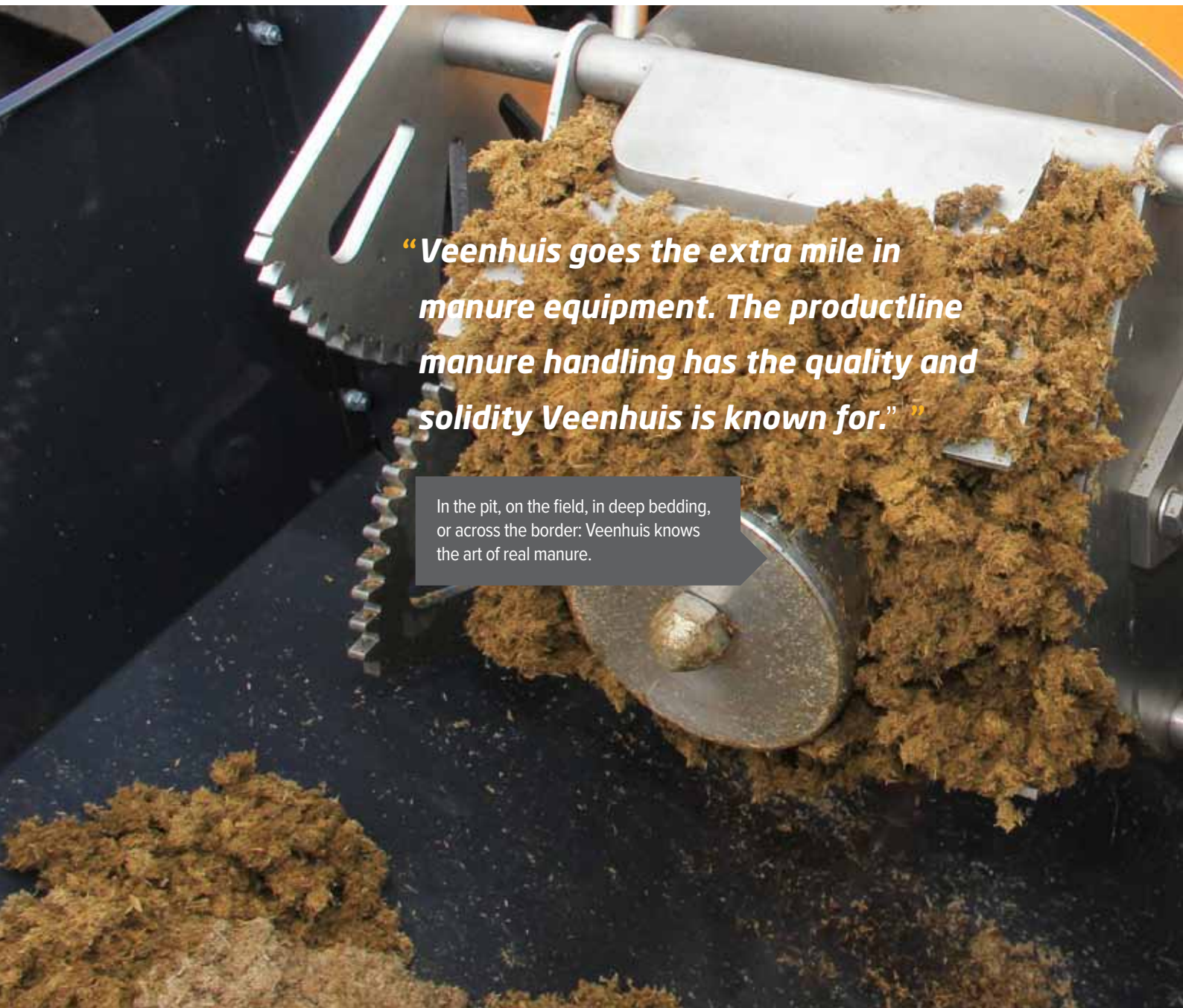
SPECIALIST
SLURRY HANDLING



capacity
durability



MANURE DURABILITY VEENHUIS



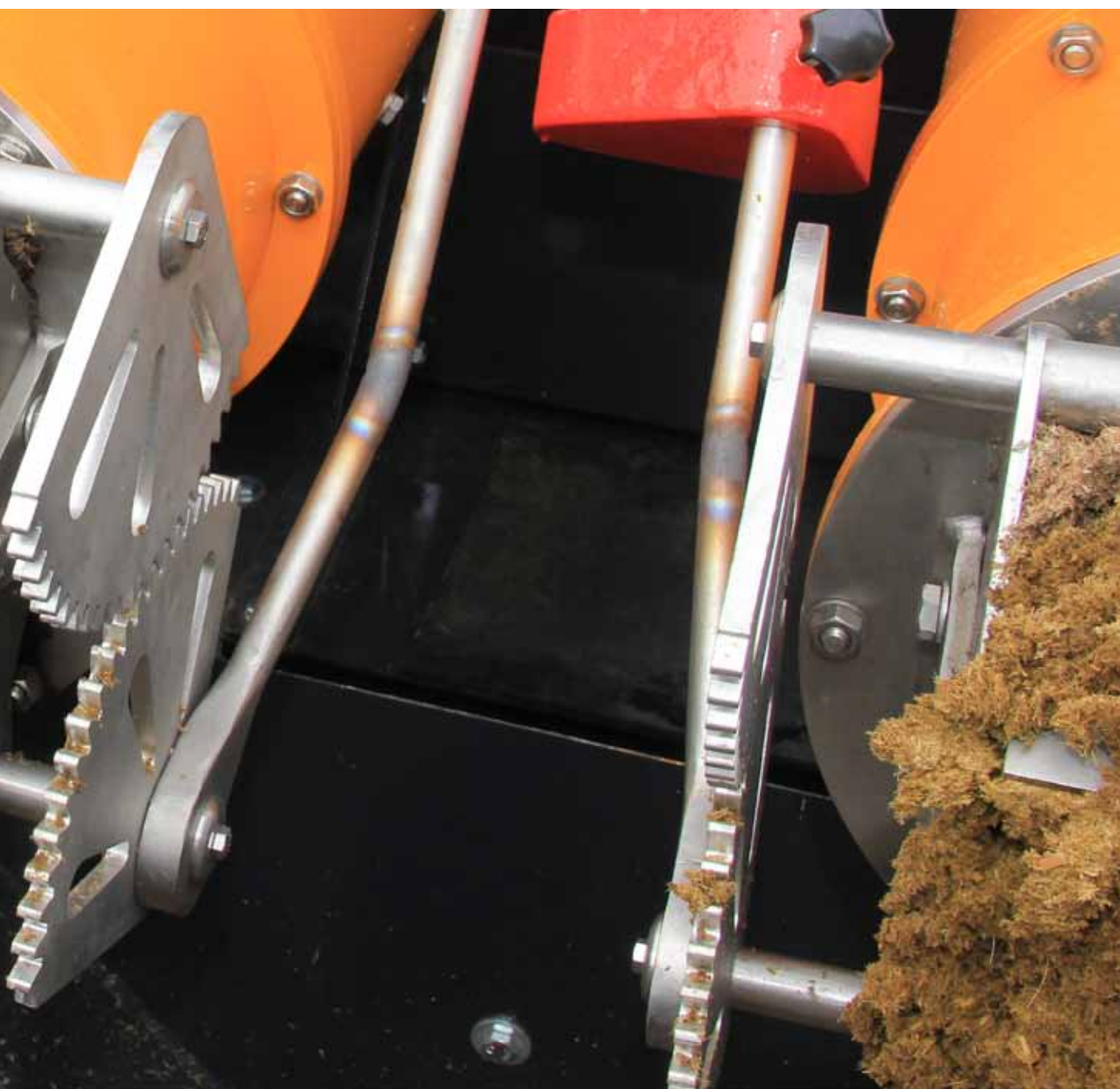
“Veenhuis goes the extra mile in manure equipment. The productline manure handling has the quality and solidity Veenhuis is known for.” ”

In the pit, on the field, in deep bedding, or across the border: Veenhuis knows the art of real manure.

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 fitting solution for any situation. In this brochure you will find Veenhuis' complete line of slurry handling products.



Produce cow bedding material yourself

SLURRY IS THE FUTURE

A good bedding for your cow at a low cost price, that's good for the farmer as well as the cow. It is possible to produce your own bedding with a slurry separator.

Farmers with deep bedding have high standards for their cow bedding, for instance:

CLEAN AND DRY BEDDING

ABSORBENT CAPACITY

EASY HANDLING

HIGH STABILITY

LESS DUST

LOW RISK OF UDDER INFECTION

HIGH COW COMFORT

LOW CHANCE OF INJURIES TO HEELS, KNEES, AND UDDER.

SAFE FOR THE HEALTH OF COW AND FARMER

CONSTANT AVAILABILITY AND QUALITY

WITHOUT PROBLEMS USABLE IN SLURRY STORAGE AND HANDLING

LOW PRICE

Practical testcases show that separated slurry as deep bedding comes up positive at all previous criteria, when correctly applied. Whoever wants to go a step further in reducing

numbers of bacteria in the bedding, can compost the slurry after separation. That means heating it to a high temperature, drastically reducing the bacteria.

Turn-key installation

If you choose Veenhuis, you'll have no worries. Veenhuis is able to provide all its slurry handling products with a turn-key installation, so you won't have to do a thing. Veenhuis is also sure of the quality of their products.



Veenhuis' products for slurry separation:



STATIONARY SLURRY SEPARATORS



MOBILE SLURRY SEPARATORS



COMPOSTING UNITS



MIXERS AND PUMPS

WHY SEPARATE?

The range of Veenhuis slurry separators consists of electrically powered screw presses with different characteristics. For every situation Veenhuis has a fitting separator model. The Veenhuis separators have recognisably high capacity, easy maintenance, and little wear.

Advantages of separated slurry

Separating slurry in a liquid and solid fraction has the following advantages:

IN-HOUSE PRODUCTION OF BEDDING

OBTAINING SOLID FRACTION TO IMPROVE ARABLE LAND.

OPTIMAL USE OF SLURRY STORAGE

OPTIMAL COMFORT FOR THE COW

LESS HOOF PROBLEMS

SAVING MONEY COMPARED TO SAWDUST OR SAND BEDDING

HIGH DRY MATTER CONTENT

NO SEDIMENT IN THE PIT





MOBILE SLURRY SEPARATION



in order to flexibly use the slurry separator on multiple locations Veenhuis offers the mobile separator units Sepramax. These mobile units are available in different versions.

A unit with a single screw press, movable with palletfork or trailer. This unit is electrical, and can be provided with a loose power generator.

A unit with two screw presses, powered by drive shaft and tractorhydraulics.

A plateau with multiple slurry separators for maximum capacity. This plateau is placed on a trailer and provided with its own generator.

Produce cow bedding material yourself

HYGIENE FOR COW & EXPORT

As a dairyfarmer you want the best for your livestock, comfortable bedding is the base for a healthy clean cow. Deep bedding has high cow comfort, and only the best bedding is good enough.



Composting for deep bedding

By composting solid fraction you produce a comfortable bedding with low numbers of bacteria. Depending on the size of the herd composting solid fraction can be cheaper than using sawdust.

COMPOST FOR DEEP BEDDING

The composting unit kills bacteria because the solid fraction from the separator is being composted at a high temperature. The composted bedding is the basis of a comfortable bedding with minimal chance of mastitis or hoof problems.

Dairy farmers' advantages of composted solid fraction:

KILLING BACTERIA THROUGH COMPOSTING PROCESS

LOW USE OF ENERGY

COMFORTABLE BEDDING

MINIMAL RISK OF MASTITIS

LESS HOOF PROBLEMS

SAVING MONEY COMPARED TO SAWDUST
BEDDING

HIGH DRY MATTER CONTENT

DOES NOT MAKE DUST WHEN SCATTERED

ENVIRONMENTALLY FRIENDLY

HOW MUCH AM I SAVING ON BEDDING?

Curious how much you can save on your bedding? Contact one of our representatives, they can compute the advantage specifically for your farm.



COMPOSTING FOR EXPORT

When exporting animal manure (within the European Union) you're dealing with a number of European rules. Before the solid fraction is allowed to cross the border it has to be composted. One of the possibilities to do that is heating the solid fraction for at least an hour at 70 degrees celsius.

Composting for export

Generating heat is a very inefficient process in many cases, but with a Veenhuis Composting Unit it really isn't. The Veenhuis Composting Unit uses the heat coming from the natural composting process in the solid fraction, and produces solid fraction from cow- and pig-manure suitable for export.

Advantages of the Veenhuis Composting unit:

COMPOSTED SOLID FRACTION SUITED FOR EXPORT

LOW ENERGY USE TO HEAT THE SOLID FRACTION

EFFICIENT PROCESS

HIGH POSSIBLE CAPACITY

ADDING SOLID FRACTION/PRODUCTS OF OTHER SOURCES IS POSSIBLE

WHAT DOES VEENHUIS DO FOR ME?

Veenhuis installs the complete machine, turn-key.

MIXERS & PUMPS

For separating and handling slurry it is of great importance that your slurry is well mixed. With a mixed, homogenous slurry you achieve the best results. Veenhuis offers two kinds of mixers in different sizes: tractor powered PTO mixers and electrical submersible mixers.



PTO mixer

These are the trusted Veenhuis slurry mixers. These PTO mixers ensure a smooth mixed slurry. High capacity and long lifespan characterize these mixers. They are available in 4, 5, or 6 metres in length, provided with a propeller diameter of 50 or 60 cm.



Submersible mixer

The Veenhuis submersible mixer is electrical, and because of multiple mechanical seals maximally protected for many years of use in the slurry. The mixer can be used in a pushing as well as a sucking fashion. The submersible mixer is available with a frame to fit into the existing rail of a PTO mixer. For mixing slurry silos the submersible mixer can be provided with a turning column to mix the slurry in an optimal manner.



Submersible pumps

The Veenhuis submersible pumps offer the most user-friendly and effective pumping solution for every situation. With engine powers varying from 2.2 to 18 kW Veenhuis has an ideal pump for anyone.

Options

PTO mixer

FIXED FRAME WITH SLIDE RAILS

REVERSING GEAR BOX

THREE POINT JACK WITH HINGE

WELLHEADBOK

SEAL FRAME OF 70X70 CM, 60X60 CM, OR 54X54 CM.

Submersible mixer

TURNING COLUMN FOR INSIDE A SLURRY SILO

MOUNTING FRAME TO FIT ONTO SLIDE RAILS OF A PTO MIXER

CONTROL UNIT

TIMESWITCH ON THE CONTROL UNIT

Submersible pump

ELECTRICAL WINCH TO RAISE/LOWER



Efficient Slurry Application



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