

 **veenhuis**

SUPERIOR INJECTORS



solid
durable



POWER DURABILITY VEENHUIS



Are you thinking of slurry? Then you're thinking of Veenhuis!

Veenhuis Machines has 75 years experience in developing and producing agricultural machinery, which is shown 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. In this brochure you will find Veenhuis' complete line of injectors for grass- and arable land.



INJECTOR- COMPONENTS



Optimal slurry distribution

The bulging lid and the centralised input of the Veenhuis macerator ensure an optimal flow that guides the slurry through the specially shaped holes, which brings about a regular slurry stream that is being divided along the full width.



Excellent cutting quality

Inside the macerator the slurry is being cut at an angle. The chance of blockage is minimised by the D-shaped holes, and extra blades can be mounted to ensure an even distribution at varying dosages.



No mixture of oil and slurry

Because of the separate oil seals in the drive of the macerator it is impossible for oil and slurry to mix. Should one of both oil seals be damaged and leak, it will be quickly noticeable through a bleeding hole.



Vertical distribution head

The 12 metre injectors are equipped with two vertical macerators to ensure an optimal distribution. The vertical macerator has a unique cutting system which feeds the thirty distribution hoses with a diameter of forty mm.



Parallelogram

Two discs are suspended per element, which moves up and down through a hydraulic parallelogram. The elements are both track-following and soil-following, capable of adapting perfectly to the soil and thus preventing turf damage.



Triple-plated disc

The shape of the selfsharpening disc ensures enough space in the turf at a minimal depth. Each disc has a set of low maintenance durable bearings and seals. The greasing is done simply from the rearside of the injector or by the optional automatic greasing system.



Rubber outlet-boots and shut-off valves

The double acting hydraulic shut-off valves shut completely, preventing pollution of the headland, roads and farmyard. The slurry is easily and neatly guided into the bottom because of the special shape of the rubber outlet boots.



Safe transport

The injector can be safely transported because of hydraulic transportlock. The arable land injectors are standardly equipped with transport protection, and the grasslandinjectors can also be optionally equipped with hydraulically collapsible transport protection.



Pneumatic shut-off valves

All injectors are optionally available with pneumatic shut-off valves for precision injecting. This technology makes it possible to work with lockable sections, which in turn makes connecting with GPS-RTK a perfect possibility.

GRASSLAND- INJECTORS

The grasslandinjector program by Veenhuis consists of five series.

ECOJECT

Low maintenance reliable grasslandinjector for farmers and small contractors.

Maximum working width: **8,36 m**



EUROJECT 3000

Professional injector for intensive use and the best results.

Maximum working width: **8,74 m**



EUROJECT 3500

Robust injector for slurry tankers and selfpropelled tankers.

Maximum working width: **8,75 m**



EUROJECT 4500

Robust injector with large discs. Suitable for row application at 75 cm row spacing

Maximum working width: **7,13 m**



EURO 1200

Professional injector with a working width of 12 metres.





The Veenhuis Ecoject is the entry level injector in Veenhuis' assortment.

ECOJECT

FEATURES

WORKING WIDTHS FROM 5.32 TO 8.36 METRES

SOIL-FOLLOWING WITH LEAF-SPRINGS

DOUBLE ACTING HYDRAULIC SHUTT-OFF VALVES

THE IDEAL ENTRY INTO SLURRY-TECHNOLOGY

DISCS WITH A DIAMETER OF 300 MM AND WIDTH OF 20 MM

HYDRAULICLY COLLAPSIBLE WITH TRANSPORTLOCK

Options

Steps with plateau

Available with farmject coulters chisel or disc

Hydraulic collapsible transport protection

This injector has been developed for the smaller slurry tankers, with a simple and solid construction that makes it possible for this low maintenance machine to last very long..



The Ecoject injector is low maintenance and soil-following because of the elements with leaf springs. The hubs have grease nipples to keep out water.





The Euroject 3000 is the professional injector developed for towed slurry tankers.

EUROJECT 3000

FEATURES

**A PROFESSIONAL VEENHUIS
INJECTOR**

**WORKING WIDTHS FROM 5.32
TO 8.74 METRES**

**OPTIMAL SOIL-FOLLOWING
BECAUSE OF THE
HYDRAULIC OSCILLATING
PARALLELOGRAM**

**DISCS WITH A DIAMETER OF
350 MM AND WIDTH OF 24 MM**



Options

- Hydraulic collapsible transport protection
- Steps with plateau
- Automatic greasing
- Quick hitch
- Multifaster

All Euroject injectors are provided with the Veenhuis parallelogram element. Because of excellent construction and suspension the parallelogram elements are optimally track- and soil-following, in addition to which the rubber outlet boots are always fertilizing the land at an angle of 90 degrees.



The Euroject injectors have the unique triple plated disc, and stay sharp through wear and tear.





The Euroject 3500 is a solid injector designed for pulled and selfpropelled slurry tankers.

EUROJECT 3500

FEATURES

WORKING WIDTHS FROM 6.30 TO 8.75 METRES

ROBUST FRAMECONSTRUCTION

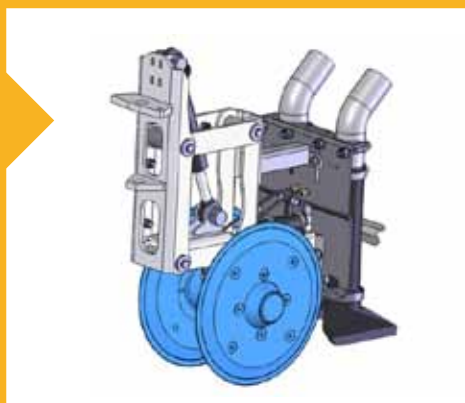
DISCS WITH A DIAMETER OF 350 MM AND WIDTH OF 24 MM

HOSE CARRIERS FOR SLOPING HOSES

THE SAME OPTION PACKAGE AS THE EUROJECT 3000

Single parallelogram version

The standard single parallelogram is provided with two discs, this version is available in the working widths 6.30, 7.00, 7.70, 8.40, and 8.75 metres.



HEAVY DUTY-version

The Euroject 3500 is also available as a Heavy Duty version. This HD-version has four discs per element (non-steering), and is available with a working width of 7.00 or 8.40 metres.





The Euroject 4500 is a robust injector developed for row crop, injecting on grassland, and even arable land.

EUROJECT 4500

FEATURES

WORKING WIDTHS FROM 5.63
TO 7.13 METRES

SUITABLE AS ROW CROP
INJECTOR, AT A ROW SPACING
OF 75 CM

DISCS WITH A DIAMETER OF
450 MM

BECAUSE OF THE LARGE DISC
DIAMETER ALSO SUITED FOR
ARABLE LAND FERTILIZING

THE SAME OPTION PACKAGE
AS THE EUROJECT 3000



With the Euroject 4500 it is possible to shut off half of the elements in a closed and raised position. The other half will be operative with a row spacing of 75 cm, making this injector suitable for row crop fertilizing, such as corn.



The Euro 1200 is at 12 metres the widest Veenhuis grasslandinjector.

EURO 1200

FEATURES

THE WIDEST VEENHUIS INJECTOR

PERFECTLY SOIL-FOLLOWING
BECAUSE OF THE HYDRAULIC
OSCILLATING PARALLELOGRAM

MINIMAL SOIL COMPACTION
BECAUSE OF THE 12 METRE
WORKING WIDTH

ADJUSTABLE SUPPORT WHEELS
WITH FLOTATION TYRES

OPTIONALLY PROVIDED WITH
AUTOMATIC GREASING

DISCS WITH A DIAMETER OF 300
MM AND WIDTH OF 24 MM

This grasslandinjector is suitable for use behind large towed tankers, drag hose systems, and selfpropelled tankers.



Different from the other Veenhuis injectors, the Euro 1200 is provided with 40 mm hoses and a vertical distribution head.

ARABLE LAND INJECTORS

The Veenhuis arable land injector program consists of four series.

TERRAJECT 200

Two rows of tines
Maximum working width:
6.50 metres



TERRAJECT 300

Three rows of tines
Maximum working width:
8.12 metres



TERRAJECT 400

Four rows of tines
Maximum working width:
6.44 metres



TERRAJECT DISC

Two rows of discs
Maximum working width:
6.00 metres



ADDITIONAL EQUIPMENT



Cage roller



Crumler roller



Tooth harrow



Drag tooth



The Veenhuis Terraject 200 has been developed for injecting slurry on arable land.

TERRAJECT 200

FEATURES

DEVELOPED FOR TOWED TANKERS

AVAILABLE IN FOUR WORKING WIDTHS: 4.72, 5.31, 5.90, AND 6.49 METRES

TWO ROWS OF SPRING TINES WITH DURABLE CHISELS

STEPLESSLY VARIABLE IN HEIGHT

The injector is suited for all types of soil and is an ideal machine for a towed tanker. The machine needs little traction because of the special spring tines.



The injector is standardly equipped with support wheels with flotation tyres for a precise adjustment of working depth.

Options

- Additional rollers/harrows
- Quick hitch
- Multifaster
- Pneumatic shut-off valves
- 75 cm crop-row spacing (8-row)



The Veenhuis Terraject 300 injector is a robust, wide arable land injector.

TERRAJECT 300

FEATURES

FOR TOWED AND SELFPROPELLED TANKERS

The Terraject 300 is available in working widths from 6.96 up to 8.12 metres, which makes it Veenhuis' widest arable land injector.

AVAILABLE IN THREE WORKING WIDTHS: 6.96, 7.54, AND 8.12 METRES

PROVIDED WITH THREE ROWS OF SPRING TINES WITH DURABLE CHISELS

STEPLESSLY VARIABLE IN HEIGHT

VARIOUS OPTIONS



The Terraject 300 has three rows of spring tines with durable chisels, injecting and working in the slurry in one go. The working depth is steplessly variable.

Options

- Additional rollers/harrows
- Quick hitch
- Multifaster
- Pneumatic shut-off valves
- 75 cm crop-row spacing (10-row)



The Veenhuis Terraject 400 injector is a sturdy arable land injector with four rows of tines.

TERRAJECT 400

FEATURES

FOR THE LARGER TOWED AND SELFPROPELLED TANKERS

AVAILABLE IN THREE WORKING WIDTHS: 5.32, 5.88, AND 6.44 METRES

PROVIDED WITH FOUR ROWS OF SPRING TINES WITH DURABLE CHISELS

STEPLESSLY VARIABLE IN HEIGHT

The ideal arable land injector for the professional contractor, for use in combination with large slurry tankers or selfpropelled tanker. An optimal result is reached through the correct position of the spring tines and chisels, and the steplessly variable working depth.



Options

- Additional rollers/harrows
- Quick hitch
- Multifaster
- Pneumatic shut-off valves



The Terraject Disc is a disc harrow-injector which cuts loose the stubble, inverses it, and injects with slurry all in one go.

FEATURES

PROVIDED WITH TWO ROWS OF CRENELATED DISCS

AVAILABLE IN WORKING WIDTHS OF 4, 5, AND 6 METRES

PERFECT TILLAGE

TERRAJECT DISC

The Terraject Disc has two rows of crenelated discs. The four support wheels are adjustable in height. The Terraject Disc is ultimately suited for large towed tankers and selfpropelled tankers.



Options

- Additional rollers/harrows
- Quick hitch
- Multifaster
- Pneumatic shut-off valves



SPECIFICATIONS

GRASSLANDINJECTORS

	Ecoject					
Working width m	4.56	5.32	6.08	6.84	7.60	8.36 *
Transport width m	2.60	2.60	2.60	2.60	2.60	
Weight kg	± 1.200	± 1.380	± 1.660	± 1.860	± 1.920	± 2.200
Disc diameter mm	Ø 300	Ø 300	Ø 300	Ø 300	Ø 300	Ø 300
Number of discs	24	28	32	36	40	44
Discs per element	2	2	2	2	2	2
Disc spacing in mm	190	190	190	190	190	190
Hitch	3- of 4 punts cat. II of cat. III					

*The Ecoject 8.36 has a deviating frame construction

	Euroject 3000				
Working width m	5.32	6.08	6.84	7.60	8.74 *
Transport width m	2.80	2.80	2.80	2.80	
Weight kg	± 2.250	± 2.400	± 2.640	± 2.800	
Disc diameter mm	Ø 350	Ø 350	Ø 350	Ø 350	Ø 350
Number of discs	28	32	36	40	46
Discs per element	2	2	2	2	2
Disc spacing in mm	190	190	190	190	190
Hitch	3- of 4 punts cat. II of cat. III				

*The Euroject 8.74 has a deviating frame construction

	Euroject 3500				
Working width m	6.30	7.00	7.70	8.40	8.75
Transport width m	± 2.80	± 2.80	± 2.80	± 2.80	± 2.80
Weight kg	± 2.700	± 2.900	± 3.180	± 3.420	± 3.600
Disc diameter mm	Ø 350	Ø 350	Ø 350	Ø 350	Ø 350
Number of discs	36	40	44	48	50
Discs per element	2	2	2	2	2
Disc spacing in mm	175	175	175	175	175
Hitch	3- of 4 punts cat. II of cat. III				

	Euroject 3500 HD		Euro 1200
Working width m	7.00	8.40	12.00
Transport width m	2.80	2.80	3.00
Weight kg	± 3.190	± 3.700	± 4.100
Disc diameter mm	Ø 350	Ø 350	Ø 300
Number of discs	40	48	60
Discs per element	4	4	2
Disc spacing in mm	175	175	200
Hitch	3- of 4 punts cat. II of cat. III		3- of 4 punts cat. II of cat. III

SPECIFICATIONS

ARABLE LAND INJECTORS

	Euroject 4500 (Grassland- and row injector)			
Working width m		5.63		7.13
Number of rows	8		10	
Transport width m	± 2.99	± 2.99	± 2.99	± 2.99
Weight kg	± 2.500	± 3.150	± 2.700	± 3.530
Disc diameter mm	Ø 450	Ø 450	Ø 450	Ø 450
Number of discs	16	30	20	38
Discs per element	2	2	2	2
Tine spacing in mm	187,5	187,5	187,5	187,5
Hitch	3- of 4 punts cat. III of cat. IV			

	Terraject 200				Terraject 300		
Working width m	4.72	5.31	5.90	6.49	6.96	7.54	8.12
Transport width m	2.70	2.70	2.70	2.70	2.80	2.80	2.80
Weight kg	±1620	±1720	±1800	±1880	±2500	±2800	±2880
Number of tines/discs	16	18	20	22	24	26	28
Number of tines/disc rows	2	2	2	2	3	3	3
Number of outletpipes	16	18	20	22	24	26	28
Tine spacing mm	295	295	295	295	290	290	290
Number of support wheels	4	4	4	4	4	6	6
Hitch	3- of 4 punts cat. II of cat. III				3- of 4 punts cat. III of cat. IV		

	Terraject 400			Terraject disc		
Working width m	5.32	5.88	6.44	4.00	5.00	6.00
Transport width m	2.85	2.85	2.85	2.85	2.85	2.85
Weight kg	±2320	±2420	±2520	±2450	±2650	±2850
Number of tines/discs	19	21	23	32	40	48
Number of tines/disc rows	4	4	4	2	2	2
Number of outletpipes	19	21	23	16	20	24
Tine spacing mm	280	280	280	250	250	250
Number of support wheels	4	4	4	2	4	4
Hitch	3- of 4 punts cat. III of cat. IV			3- of 4 punts cat. III of cat. IV		

Efficient Slurry Application



veenhuis.com

t +31 572 35 21 45
f +31 572 35 83 84
e info@veenhuis.com

postal address
P.O. Box 35
NL-8100 AA Raalte

visiting address
Almelosestraat 54
NL-8102 HE Raalte