

Effective Spreading Widths up to 18m



SuperFlow Pendulum Seeder/Spreaders



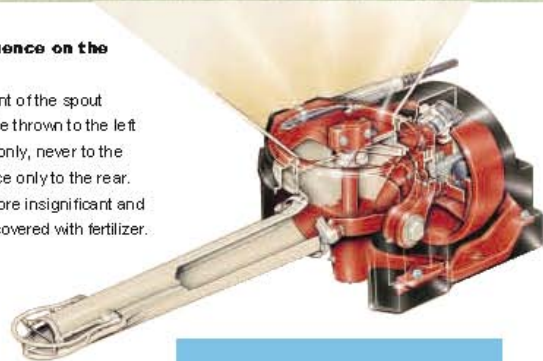
Symmetric Spread Pattern for Optimum Overlap



More than one million machines sold prove that the Viccon pendulum seeder/spreader is the first choice wherever the demand is for maximum accuracy in fertilizer application. Spreading quality and ease of operation of this unique machine are unequalled - now as in the past. The pendulum movement of the spout ensures that the application rate is always identical on both sides. This results in an excellent overlap.

Minimum wind influence on the spreading pattern

The to-and-fro movement of the spout causes the fertilizer to be thrown to the left and the right hand side only, never to the front and a short distance only to the rear. Wind influence is therefore insignificant and the tractor does not get covered with fertilizer.

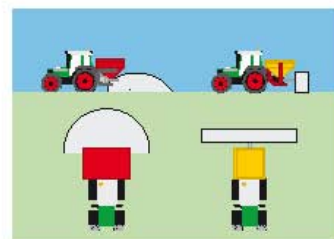


Easy setting of the application rate

The plastic scale allows continuous adjustment of the application rate in kg per hectare, so the risk of spreading errors is minimal. Using the reference chart and the dial you can determine the desired quantity of fertilizer for every spreading width and forward speed.



Easy setting of the application rate



Disc spreader

Pendulum spreader



Border spreading with border spreading plate



Tramline border spreading with tiltable headstock



Easy calibration

Calibration much simplified

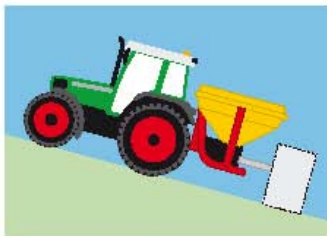
A specially designed calibration container makes it no longer necessary to remove the spout for calibration..

Gentle handling of fertilizer

The agitator ensures an even material feed to the spreading unit, so there's no risk of the fertilizer being crushed.

Low filling height

Refilling fertilizer is no problem at all -the hopper can be easily moved under a tipping trailer or silo or filled by hand.



Accurate spreading also on slopes



Agitator ensures even feed of the fertilizer



The cone shaped spreading pattern reaches from tractor wheel track to tractor wheel track giving total overlap of the spread surface



Low filling height

Border spreading made easy!

Spreading along field edges and tramline border spreading is no problem at all - thanks to the border spreading plate and the tiltable headstock. When working along the field boundary you can limit the spreading width using the border spreading plate and when on the tramline you just tilt the spreader 7° if you have to operate near fences or ditches.

The mechanically or hydraulically tiltable headstock makes this exceptionally simple.

Built for a long service life

SuperFlow seeder/spreaders from Vicon fulfill all requirements for a long service life:

- the optimized frame with no corners where fertilizer can accumulate
- the glass fiber re-inforced polyester hopper, which is unaffected by aggressive types of fertilizer
- the metering disc made from stainless steel
- the unique Duracoat powder painting system for exceptional corrosion resistance of spreading unit and frame
- the bearings of the spreading unit have easily accessible grease nipples for maximum ease of maintenance.

SuperFlow 04 Series

Spreading Widths up to 18m



Step-up gearbox

The latest generation of 04-series pendulum spreaders, with hopper capacities from 600 to 1650 litres, allows the previous maximum working width of 12m to be increased to 15m and even 18m.

Up to 14m (42')

These are the base models of the range with working widths from 9m to 14m. The frame permits a quick and simple conversion to the 15m or 18m version.



Quick fitting of deflector plates for 18m spreading width

Up to 15m (46')

When operated by a tractor running at 540 rpm pto speed the spreaders can be fitted with a step-up gearbox increasing the speed of the spreading unit from 540 to 620 rpm. Tractors with 750 or 1000 rpm pto facility do not require this extra gearbox. In this case the pto speed is simply reduced to 620 rpm.

Up to 18m (60')

This can be achieved with all 04 series spreaders by fitting two stainless steel



Spout band for 18m spreading width

deflector plates as well as a special spout band. Depending on the tractor pto speed the step-up gearbox is required.

The spout band deflects the fertiliser partially to the bottom where they bounce off the stainless steel deflector plates. The result is a "flat top" spreading pattern whose "inclined" sections completely overlap if the 18m distance between passes is utilized to the full.



4 PS 734 - 12m version

PS 1134 - 18m version
(with pivoting wheels)

SuperFlow 03 Series

From 200-500 Litres Hopper Capacity



PS403VIT

PS403/503VIT

This special spreader version with only 115cm hopper width has been designed for spreading in orchards (400 or 500 litre hopper capacity)



PS 303

The spreadertypes PS 203/303 and PS 403/503 are not suitable for spreading at 18m (60'), but can reach 15m (46'). If a tractor with 750 or 1000 rpm pto is available. With hopper capacities of 200, 300, 400 and 500 litres the 03-series is the ideal solution for small farms and special applications.

Varimeter on-board computer

PS 303

The Varimeter on-board computer allows the metering disc to be adjusted from the tractor cab. Forward speed is continuously checked by a wheel sensor or by radar and transmitted to the Varimeter system, which in turn ensures a constant application rate whatever the forward speed. The consequence is an absolutely uniform spreading pattern in the direction of travel. The quantity of fertiliser can be increased or decreased at any time during work.

Easy control

Operators will find the Varimeter exceptionally easy to operate. All you have to watch over is a control panel with its clearly understandable display.



Varimeter PS-ED II

Spreading pattern with Varimeter



Spreading pattern without Varimeter



Optional Equipment



Trailer frame

Hydraulic remote control

Allows the metering disc to be opened and closed from the driver's seat (one single acting control valve required).

Hydraulically tiltable headstock for border spreading

This optional extra can be used tramline border spreading.

Border spreading plate

This plate prevents the fertiliser being spread beyond the field boundary. Can be folded from working into transport position.

Agitator

Agitator specially protected by a safety grid.

Grid

A grid fitted inside the hopper prevents lumps of fertiliser penetrating the feed mechanism.

Fine seed insert

Shuts two of the three openings of the metering device for the application of small quantities of fine seeds.

Hopper cover

Protects the fertilizer from moisture and dirt. For filling the hopper the cover can be easily folded.

Calibration container

Allows calibration tests to be performed with spout in place.

Hopper extensions

To increase hopper capacity, 100, 200, 600 and 900 ltr. available depending per model.

Pivoting wheels

This set of pivoting wheels allows the spreader to be easily moved when detached from the tractor.

Trailer frame

Available for PS 604 and PS 754. Also available with wide tyres.



Agitator with safety grid



Calibration container



6 Set of pivoting wheels



Hydraulically tiltable headstock

A Choice of Spreading Spouts

A Wide Variety of Applications



SHORT SPREADING SPOUT

applications:
small spreading widths
spreading widths 4-8m (13'-28')



BAND SPREADING SPOUT

application:
orchards
spreading widths 2-10m (11'-32')



BAND SPREADING SPOUT

application: pesticides
spreading width: 0,75-4,5m
(3'-14')



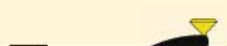
NARROW SPREADING SPOUT

application: orchards, parks,
narrow spout widths, spreading
widths 1,5-2m (5'-11')



A-SYM. SPREADING SPOUT (left)

application:
fish-farms, spreading on dikes
spreading width: 4-6m (13'-20')



BOUNDARY SPOUT

prevents fertiliser
from spreading into
ditches or hedges



A-SYM. SPREADING SPOUT (right)

application:
fish-farms, spreading on dikes
spreading width: 4-6m (13'-20')



SALT/GRIT SPREADING SPOUT

application:
road building/salt application on
icy roads and pathways,
spreading width: 5-8m (16'-19')



SALT/GRIT SPREADING SPOUT

application:
road building/salt application
on icy roads and pathways,
spreading width: 2-4m (11'-13')



LIME SPREADING SPOUT

for spreading
lime fertilisers in
combination with a windshield
6m (19'); excl. 203/303 models



Vicon Spreader Test Centre

Accurate Spreader Settings Based on Expertise



Vicon's spreader test hall featuring a surface of 2400 m²

The SuperFlow seeder/spreaders are known and famous for their sturdiness, ease of operation and outstanding accuracy in all situations. This is the result of many years of experience, research and tests.

The development department of the Vicon spreader R&D team has its own 2400 m² spreader test hall in order to allow continuous testing throughout the year. All tests are carried out according to the strictest international standards and quality requirements.

Consequently, when you purchase a Vicon

SuperFlow spreader you get more than just a fertiliser spreader. You get access to the results of specialists testing and experience used to spreading charts for all most commonly used fertiliser types.

These supply the ideal circumstances for highly accurate fertiliser distribution in the field. Apart from constant in-house testing, Vicon SuperFlow spreaders prove their quality again and again in independent and international tests.



Vicon spreading charts

Direct access to most recent test results at www.viconspreadingcharts.com



Exact advice for each Vicon spreader at any working width, application rate, driving speed

Access by mobile phone and PDA:
<http://viconmob.mobi>



Technical Specifications



Model	203 *	303 *	403 VITI *	403 *	503 VITI *	503 *	604 *	754 **	804 *	954 **	1004 *	1154 **	1354 **	1654 **
Basic unit		203			403				604	754	604	754	754	754
Hopper capacity (t)	175	275	400	400	500	500	600	750	800	950	1000	1150	1350	1650
Hopper width (cm)	105	105	115	145	115	145	175	175	175	175	175	175	175	175
Filling height 3-pt types (cm)	77	92	89	89	101	101	95	95	105	105	115	115	125	141
Weight 3-pt types (kg)	75	80	121	121	125	125	130	151	155	158	165	171	178	184
Pto speed (rpm)	540	540	540	540	540	540	540	540	540	540	540	540	540	540
Cat.	1	1	1/2	1/2	1/2	1/2	2	2	2	2	2	2	2	2

Specifications North America

Model	203 *	303 *	403 VITI *	403 *	503 VITI *	503 *	604 *	754 **	804 *	954 **	1004 *	1154 **	1354 **	1654 **
Basic unit		203			403				604	754	604	754	754	754
Hopper (bush)	400	600	950	950	1200	1200	1400	1650	1900	2100	2400	2550	3000	4150
Cut to (ft)	5.9	8.9	14.1	14.1	17.6	17.6	21.2	25.5	28.2	33.5	35.3	40.6	47.7	58.3
Bushes	4.7	7.1	11.2	11.2	14.0	14.0	15.9	21.2	22.5	26.8	28.2	32.4	38.1	46.2
Filling height	30"	36"	35"	35"	40"	40"	38"	38"	42"	42"	45"	45"	49"	55"
Spreading width	3'-46"	3'-46"	3'-46"	3'-46"	3'-46"	3'-46"	3'-46"	3'-60"	3'-60"	3'-60"	3'-60"	3'-60"	3'-60"	3'-60"
Machine (bush)	163	175	257	257	278	278	320	335	344	351	380	385	395	408
Cat.	1	1	1/2	1/2	1/2	1/2	2	2	2	2	2	2	2	2

* Both powders and granules ** Granules only

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KVERNELAND GROUP SPARE PARTS

Kverneland Group spare parts are designed to give reliable, safe and optimal machinery performance - whilst ensuring a low cost life-cycle. High quality standards are achieved by using innovative production methods and patented processes in all our production sites.

The Kverneland Group has a very professional network of partners to support you with service, technical knowledge and genuine parts. To assist our partners, we provide high quality spare parts and an efficient spare parts distribution worldwide.

A part of your day





Kverneland Group

Kverneland Group is a leading international company developing, producing and distributing agricultural machinery and services.

Strong focus on innovation allows us to provide a unique and broad product range with high quality. Kverneland Group offers an extensive package of systems and solutions to the professional farming community. The offering covers soil preparation, seeding, forage- and bale equipment, spreading and spraying.



Extensive Product Range

Vicon offers an extensive range of farm implements: mower conditioners, drum and disc mowers, tedders, rakes, fixed and variable chamber round balers, big square balers, bale wrappers, fertiliser spreaders, maize choppers, sprayers, soil cultivation and seeding systems.



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