

PS225, PS403, PS403VITI, PS04 Series



SuperFlow Pendulum Seeders/Spreaders



Symmetric Spread Pattern for Optimal Overlap



More than one million machines sold prove that the Vicon 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-for 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 spreading 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



Border spreading
with the border spreading plate

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 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:

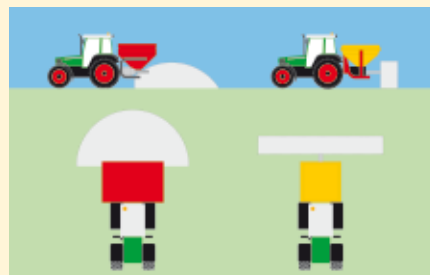
- the optimized frame with no corners where fertilizer can accumulate
- the glass fiber re-inforced polyester or poly ethylene hopper, which is unaffected by aggressive types of fertilizer
- the metering disc is made from stainless steel
- the unique Duracoat powder painting system for exceptional corrosion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



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



Accurate spreading also on slopes



Disc spreader

Pendulum spreader

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.



Low filling height

Simple calibration

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



Easy 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.



Agitator ensures even feed of the fertilizer

SuperFlow PS225-335

A Truly Multi-Functional Seeder/Spreader



PS225-335

The PS225-335 is a truly multi-functional seeder/spreader. This smallest model of the unique Vicom Pendulum Spreader range is ideal for use on golf courses, sports fields and grounds, as well as in many horticulture and municipal applications.

A variety of spouts for different applications and spreading widths makes it possible to spread fertilizer, seeds, sand, salt, pellets or any other granular product up to 14m. The PS225 has a hardwearing Poly-Ethylene (PE) hopper with a basic capacity of 220 liter and an optional extension rim to create 330 liter content. The compact design in combination with the short spreading surface gives you an optimal spreader for working in small areas.



PS335

SuperFlow PS403-503 and PS403-503VITI

Ideal for Use on Golf Courses and Orchards



PS403-503

With hopper capacities of 400 and 500 litres this spreader is the ideal solution for small farms and special applications. These spreaders are suitable for spreading at 14m (46') if a tractor with 750 or 1000 rpm PTO is available.



PS403-503VITI

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

PS403VITI

SuperFlow PS604-754-804-954-1154-1354-1654

Spreading Widths Up to 18m



Step-up gearbox



Quick fitting of deflector plates for 18m spreading width



Spout band for 18m spreading width

The PS04 pendulum spreaders, with hopper capacities from 600 to 1650 litres, allow the working width to be increased to even 18m.

Up to 14m (42')

The standard working width of this range is 9m to 14m. The frame permits a quick and simple conversion to the 15m or 18m version.

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 PS04 spreaders by fitting two stainless steel deflector plates as well as a special spout

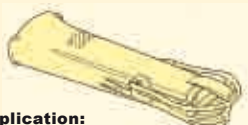
band. Depending on the tractor PTO speed the step-up gearbox is required.

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 spreading width.

A Choice of Spreading Spouts

A Wide Variety of Applications

SHORT SPREADING SPOUT



application:
small spreading widths
spreading width: 4-8m (13'-26')



BAND SPREADING SPOUT



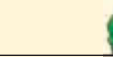
application:
orchards
spreading width: 2-8m (11'-32')



BAND SPREADING SPOUT



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



NARROW SPREADING SPOUT



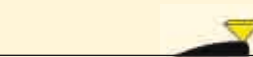
application: orchards, parks,
narrow spout widths, spreading
width: 1,5-2m (5'-11')



**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: 5-6m (16'-19')



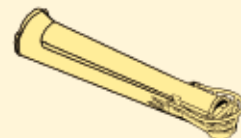
SALT/GRIT SPREADING SPOUT



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



LONG SPREADING SPOUT



application:
normal spreading widths
spreading width: 14m



Optional Equipment

Trailer frame

Available for all PS04 models.
Also available with wide tyres.

Hydraulic remote control

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

Agitator

The agitator ensures an even material feed to the spreading unit. A safety grid protects the agitator.

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.

Calibration container

Allows calibration tests to be performed with spout in place.

Hopper extensions

To increase hopper capacity, 100, 110, 200, 400, 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



Set of pivoting wheels



Calibration container



Agitator with safety grid



Border spreading plate

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



Hydraulically tiltable headstock for border spreading

Can be used for tramline border spreading.



Hopper cover

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

Varimeter PS-ED II on-board computer

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 PS-ED II



Spreading pattern without PS-ED II

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 inter-

national 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.



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	225 [*]	335 [*]	403 [*] VITI	503 [*] VITI	403 [*]	503 [*]	604 [*]	754 ^{**}	804 [*]	954 ^{**}	1004 [*]	1154 ^{**}	1354 ^{**}	1654 ^{**}
Basic unit		225		403		403			604	754	604	754	754	754
Hopper capacity (litr)	220	330	400	500	400	500	600	750	800	950	1000	1150	1350	1650
Hopper width (cm)	106	106	115	115	145	145	175	175	175	175	175	175	175	175
Filling height, 3-pt types (cm)	77	99	89	101	89	101	96	96	106	106	116	116	125	141
Weight 3-pt types (kg)	83	85	121	126	121	126	130	151	155	158	165	171	178	184
Pto speed (rpm)	80	540	540	540	540	540	540	540	540	540	540	540	540	540
3-point linkage category	1	1	1/2	1/2	1/2	1/2	2	2	2	2	2	2	2	2

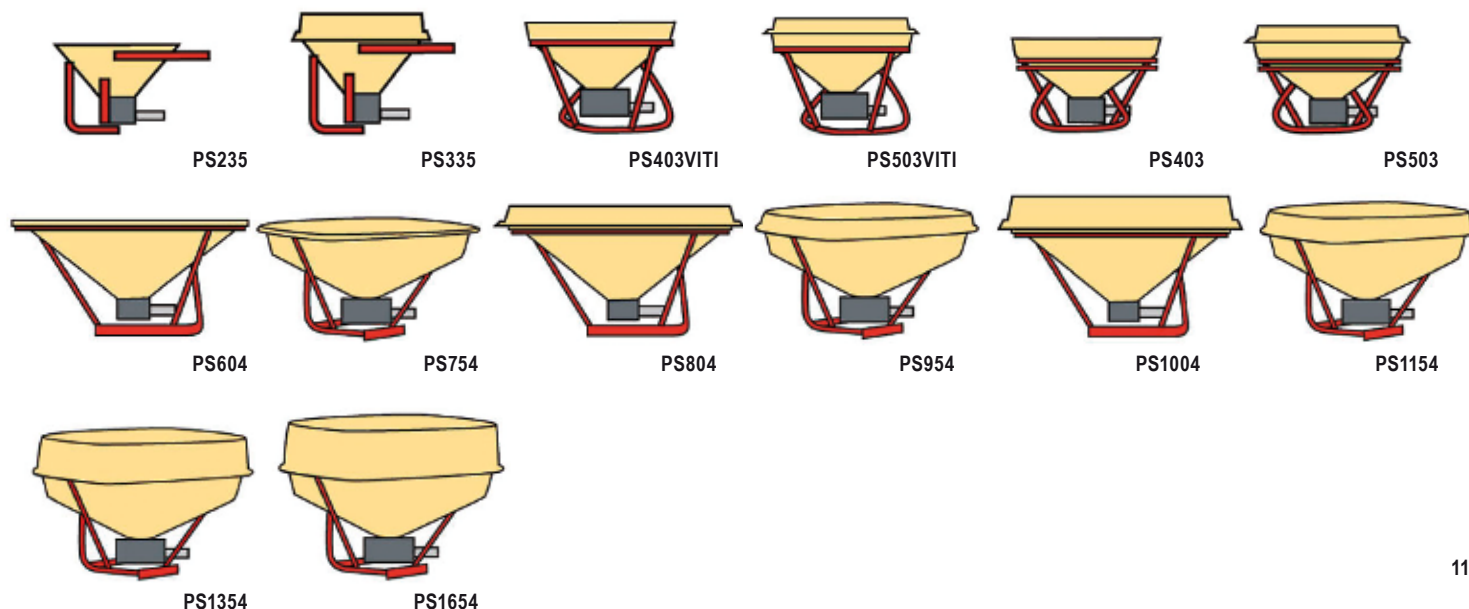
Specifications North America

Model	225 [*]	335 [*]	403 [*] VITI	503 [*] VITI	403 [*]	503 [*]	604 [*]	754 ^{**}	804 [*]	954 ^{**}	1004 [*]	1154 ^{**}	1354 ^{**}	1654 ^{**}
Basic unit		225		403		403			604	754	604	754	754	754
Hopper (lbs)	500	700	950	1200	950	1200	1400	1650	1900	2100	2400	2550	3000	4150
Cubic (ft)	5.9	8.9	14.1	17.6	14.1	17.6	21.2	26.5	28.2	33.5	35.3	40.6	47.7	58.3
Bushels	4.7	7.1	11.2	14.0	11.2	14.0	16.9	21.2	22.5	26.8	28.2	32.4	38.1	46.2
Filling height	32"	39"	35"	40"	35"	40"	38"	38"	42"	42"	45"	45"	49"	55"
Machine (lbs)	163	187	267	278	267	278	320	335	344	351	380	385	395	408
3-point linkage category	1	1	1/2	1/2	1/2	1/2	2	2	2	2	2	2	2	2

* Both powders and granules ** Granules only

Information provided in this brochure is made for general information purposes only and for worldwide circulation. Inaccuracies, errors or omissions may occur and the information may thus not constitute basis for any legal claim against Kverneland Group. Availability of models, specifications and optional equipment may differ from country to country. Please consult your local dealer. Kverneland Group reserves the right at any time to make changes to the design or specifications shown or described, to add or remove features, without any notice or obligations. Safety devices may have been removed from the machines for illustration purposes only, in order to better present functions of the machines. To avoid risk of injury, safety devices must never be removed. If removal of safety devices is necessary, e.g. for maintenance purposes, please contact proper assistance or supervision of a technical assistant.

© Kverneland Group Nieuw-Vennep BV





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.



Original 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.

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.

Kverneland Group Ireland Ltd

Hebron Industrial Estate
Kilkenny
phone 056 5197
fax 056 62207

Kverneland Group Business Partner AS

4355 Kverneland, Norway
kvg-international@kvernelandgroup.com

Kverneland Group UK Ltd.

Walkers Lane, Lea Green, St. Helens
Merseyside WA9 4AF, UK
phone 017 448 532 00
info-uksales@kvernelandgroup.com

