

CENTERLINER

Models SE, SX, SX C-Tech



Accu Rate system

EASY TO USE • RELIABLE • ACCURATE

Contents

Accu Rate delivery	page 1
SE Series	page 2
Check, Set and Go	page 3
SX Series	page 4
SX C-Tech Series	page 5-6
Accuracy in the field	page 7
Build Quality	page 8
Quadruple Overlap	page 9
Boundary Spreading	page 10
Specifications	page 11
More from Teagle	page 12



Since Teagle Machinery was established over 70 years ago we have designed, built and supported fertiliser spreaders, now manufacturing more machines each year in the UK than anyone else.

We remain a family business focussed on meeting the needs of our customers whether just around the corner, or in one of the 35 countries worldwide to which we regularly ship machinery.

From the outset, our machinery has been designed to be simple, robust and easy to use. We still stand by these values, with all our products being tested

extensively on farms throughout the world to ensure that they perform reliably day-in day-out, even under the toughest conditions.

The company now employs around 130 people, most of whom are based at our 20,000m² production facility in Cornwall. We actively invest in research, design and manufacturing technology to ensure that our product range constantly evolves to remain at the cutting edge, whilst being available at a competitive price.

Teagle right behind you

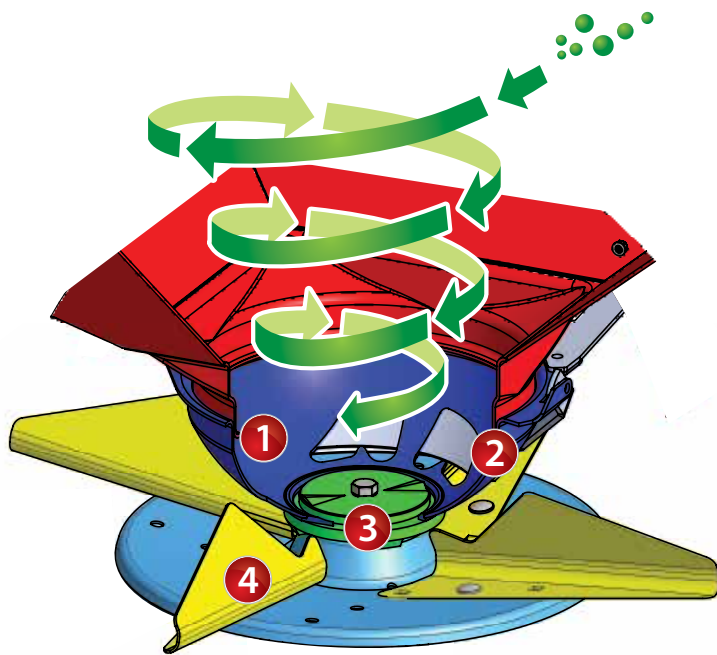


Centerliner SE, SX and C-Tech precision fertiliser spreaders; designed for farmers with an emphasis on quality, ease of use and accuracy.

Teagle promotes the quadruple overlap distribution system. This robust spreading pattern is incredibly tolerant to sources of inaccuracy such as wind, variation in fertiliser characteristics and driver error.

Teagle offers a range of fertiliser spreaders that fulfils all European standards relating to accuracy of distribution and border spreading.

Accu Rate system



- 1 Accurate distribution**
The bowl system delivers fertiliser direct to the spreading vanes to ensure the drop point does not change even when spreading on hillsides.
- 2 Accurate dosage**
The shutter profile achieves an accurate dose both at low and high rates for fertiliser, slug pellets and grass seed.
- 3 Vortex system**
Subtle agitation at the base of the bowl sets up a vortex to smoothly spin fertiliser through the shutter without causing damage to the material.
- 4 Consistent spread**
To ensure the most consistent spread in the field, each piece of ground receives 16 deliveries of fertiliser. Component wear is also reduced as the spreading work is shared between 8 vanes.

The spreader you can trust

The winning combination of the **Accu Rate** delivery system with a robust quadruple overlap spread pattern results in a spreader that operates reliably and is consistently accurate - even on banks and hillsides.



The Farmers Friend

The SE Model is ideally suited to smaller acreages with its low weight and robust spread pattern lending it well to hilly conditions.

WORKING WIDTH

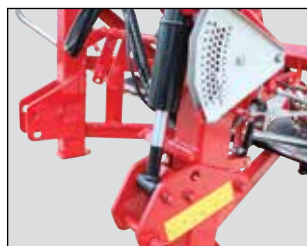
10m - 18m

CAPACITY (LTR)

1300 - 1850



Shutter profile



CenterLift boundary tilt system



Optional grass seed agitator



Punch hole sieves

Standard Features:

- Stainless steel spreading system
- Hydraulic shutter control
- CenterLift boundary tilt system
- Shear bolt drive line protection
- Punch hole sieves

Options:

- Grass seed/slug pellet agitator
- Hopper cover

For full specifications please see page 11

It's as easy as 1, 2, 3



Outstanding UK based support

Teagle regularly test the latest fertilisers available in the UK to ensure that you have up-to-date spreading data for your Centerliner.

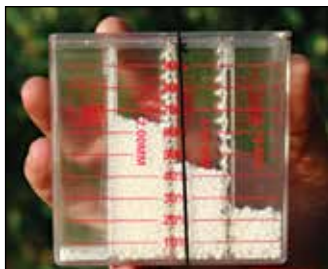
This information is provided with the machine, and is also available online at www.teagle.co.uk

If your fertiliser is not listed - just send us a sample and we will provide you with settings.

Because you don't spread in a hall, we don't test in a hall. All of our spread pattern tests are undertaken in the field to ensure you achieve accurate results, even when conditions are not ideal.



1 Check



Check your fertiliser and identify the required Centerliner settings.

2 Set



Set the machine height, working angle and dose rate.

3 Go



Accurate no-nonsense spreading from the name you can trust.



SCS are the UK's leading independent spreader and spraying testing specialist, providing a nationwide service.

"SCS regularly test the Centerliner with a variety of the latest products from fertiliser manufacturers and find the machine easy to set up and operate. Once set, the proven Bowl System and Quadruple Overlap spread pattern produce a robust, reliable and even spread in the field."

Rob Foxall, Managing Director, SCS

The Professionals Choice

Engineered to the highest standards the SX is the workhorse of the Centerliner range. Well considered design ensures ease of use at every stage from setting up to washing down, so that SX owners come back time-after-time.

WORKING WIDTH

6m - 24m

CAPACITY (LTR)

1580 - 3150



Stainless steel spreading components



Stainless steel rate quadrant



Optional calibration bowl



Spreading both above and below 18m, fit the optional gear set

Standard Features:

- Stainless steel spreading system
- Hydraulic shutter control
- CenterLift boundary tilt system
- Slip clutch drive line protection
- Road lighting kit
- Hopper cover
- Mudguards

Options:

- Grass seed/slug pellet agitator
- Hardened vanes
- Calibration bowl
- Punched hole sieves
- Gear set 6-18m or 18-24m
- Centraside boundary deflector system

For full specifications please see page 11

The Ultimate in Precision

The SX C-Tech brings convenient precision farming to the SX models. The Centronic control system can be integrated with optional Centermatic weigh cells and GPS controlled variable rate systems for absolute accuracy and efficiency.

Technology tailored for you

As Standard:

All SX C-Tech models are equipped with the Centronic control system which automatically adjusts the shutter opening according to the tractor forward speed (DPAE).



CENTRONIC

Simplified management of your Centerliner

Setup of spread parameters, including the Centronic Factor specific to the fertiliser being spread, the bout width and application rates is easy via the clear on-screen interface.



In operation the display provides forward speed, disc speed, shutter position, area covered and weight of fertiliser spread.

With Centronic, the application rate can be adjusted on the move via the controller

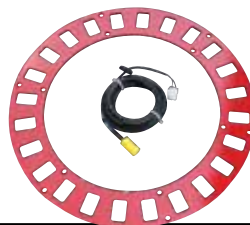
Installation of the Centronic system is simple, with forward speed being taken from one of the following:



1 Speed output cables are available to suit most tractors.



2 GPS - either from a proprietary GPS guidance system in the tractor cab, or from a GPS speed sensor on-board the spreader. The on-board system is ideal when moving the spreader between tractors.



3 A wheel sensor that bolts inside the tractor wheel.

Pick and Mix

Add any combination of the following to your SX C-Tech:

A On the move weighing

Remove the need for calibration or manual rate setting.

Achieve ultimate accuracy irrespective of fertiliser type.

Simply enter the desired bout width and application rate to the Centermatic system and the spreader automatically calibrates output on the move.

The weighing device is positioned in a close-coupled 'A' frame that fits between the tractor and Centerliner three point linkage. The weight of fertiliser is calculated using a single load cell and a gyroscope to compensate for the spreader angle.

In addition the Centermatic system produces an audible warning for the operator when the hopper is almost empty.



B Variable Rate Control - optional connection



Deliver fertiliser only where it is required. All you need is a cable to connect to your existing variable rate GPS System.

For efficient management of crop nutrition, all Centronic controllers are variable rate enabled as standard with connectivity for GPS variable rate mapping systems.

C GPS Guidance and Field Management

Teagle work with all of the main GPS guidance providers to ensure that we can offer straightforward connection to your existing GPS system.

If you are just starting out with GPS we offer the Patchwork GPS Guidance and Field Management system with the SX C-Tech Centerliner.

Patchwork 'Go'

Simple setup and clear screen functions make this the perfect partner for entry level guidance only.

Patchwork 'Advance'

With all of the benefits of the 'Go' system the 'Advance' is also equipped with auto shutoff and Variable Rate functionality.



"Delivers fertiliser only where it is required, for efficient management of crop nutrition."

Moving with the times

Nigel has run Centerliners for over 20 years, recently upgrading his fourth Centerliner to a C-Tech model with on-board GPS measuring forward speed.



Nigel Sheers runs a contract Spraying and Fertiliser Spreading business just outside Leominster, Herefordshire. Each year Nigel spreads around 5000 acres with his SX C-Tech 4000 working at a 24m bout width.

Nigel has run Centerliners for over 20 years, recently upgrading his fourth Centerliner to a C-Tech model with on-board GPS providing forward speed. Nigel says that “when moving the machine from tractor to tractor, this provides flexibility and accuracy as I know that this system will give me the correct reading”.

And why has Nigel stuck with the Centerliner?

“I can cover a lot of ground, usually travelling at 10mph and covering around 300 acres/day.”

“The quadruple overlap pattern spreads prilled, granular and urea fertilisers to 24m without any striping, even when conditions are not ideal.”

“It is simple to use – whether using the SX or C-Tech model, with the spread charts and shaker box it is easy to find the correct spreader settings. Adjustment of working width is straightforward with no vanes to change. Headland spreading with a tilt system is simple, and the tilt can be set up for either left or right hand side.”

And regarding servicing?

Nigel says that “it is simple to maintain as there is not really much to go wrong”. Nigel chooses the Domex Hardened Vanes for the Centerliner and typically changes them every 2 years as “the hardened vanes are more cost effective”.



“The quadruple overlap pattern spreads prilled, granular and urea fertilisers to 24m without any striping, even when conditions are not ideal.”

✓ Durability

For outstanding durability, stainless steel is used extensively in the spreading components which are driven through a low maintenance driveline.



✓ Maintenance

Cleaning and maintenance of the spreading system is straightforward thanks to its clean lines, simple construction and ease of access.



✓ Finished with care

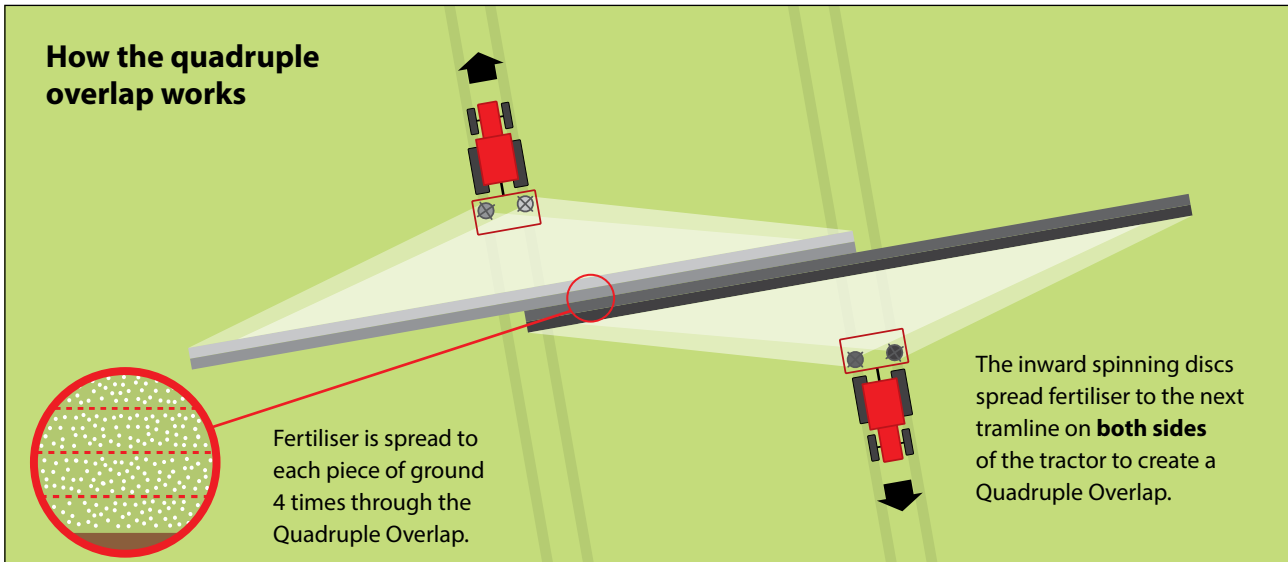
The hopper and chassis are hand finished before being shot blasted and treated with a double coating of powder paint.



Quadruple overlap



Accu Rate everytime

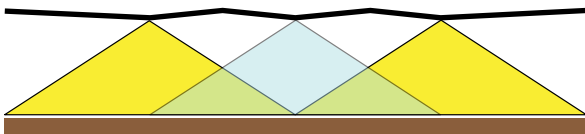


Choose a spreading system that naturally eliminates errors and produces outstanding results.

1 Resilient Accuracy

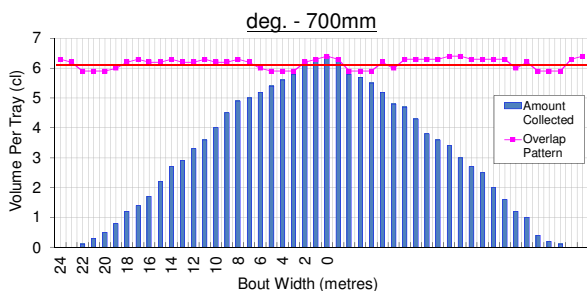
Wind, driving errors and variation in fertiliser can combine and result in an uneven spread pattern.

The gentle taper of the 'triangular' spread pattern produced by the Centerliner distributes any error across the full width of the bout. A steeply tapering 'trapezoidal' pattern can focus error in the lapped area which is more likely to result in striping.



Centerliner Quadruple Overlap Pattern with 10% bout width error

Triangular pattern - The variation from the target pattern is distributed across the entire bout width.



Alternative Pattern with 10% bout width error

Trapezoidal pattern - the same variation is concentrated in a relatively small overlap area resulting in a significant local error.

NOTE : This local error can also occur when lapping patterns from left and right discs.

2 Consistent Coverage

Not only is fertiliser spread to each piece of ground 4 times through the Quadruple Overlap, each disc has 4 vanes which divide the flow further resulting in 16 individual deliveries of fertiliser. The Centerliner applies little and often for outstanding coverage.

3 In-Built Error Offset

With the Centerliner, a skew in the spread pattern from one disc is typically offset by an equal and opposite effect from the second spreading disc.

Boundary spreading systems



The Centerliner is available with two boundary spreading systems:

1 CenterLift Hydraulic Tilt



As standard, Centerliners are supplied with a hydraulic tilt cylinder that can be set up to tilt either to the right or the left hand side depending on whether the boundary is spread clockwise or anti-clockwise.

Operation of the hydraulic tilt from the tractor seat is straightforward with no need to get out of the tractor to change spreading discs or vanes.

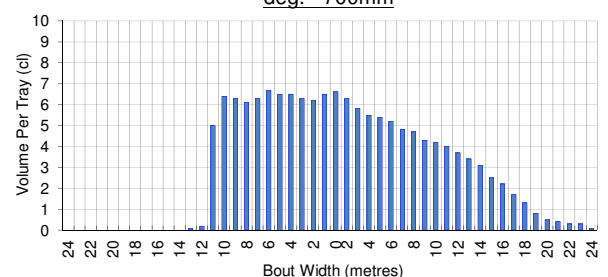
By tilting the spreader, fertiliser is concentrated in the area between the boundary and the first tramline, so the boundary area is accurately spread in one pass.

2 CentraSide Deflector system



Where a sharp cut-off is required, for example; adjacent to a watercourse, the optional Centraside deflector system can be fitted to the Centerliner. The boundary is then spread from a tramline 2m from the edge of the field. When spreading under normal conditions the deflector is lifted out of the flow of fertiliser.

Nitram - Centraside Boundary at 2m - 500rpm - 10 deg. - 700mm



Specifications



Centerliner SE Working Width 10 - 18m

Model	2500	3500
Capacity (litres)	1300	1850
Loading Height (metres)	1.17	1.41
Width (metres)	1.90	1.90
Length (metres)	1.37	1.37
Unladen Weight (kgs)	310	370

Centerliner SX / SX C-Tech Working Width 6 - 24m

Model	2500	3000	4000	5000	6000
Capacity (litres)	1580	1900	2360	2730	3150
Loading Height (metres)	1.17	1.25	1.31	1.40	1.51
Width (metres)	2.54	2.54	2.75	2.75	2.75
Length (metres)	1.64	1.64	1.70	1.70	1.70
Unladen Weight (kgs)	440	455	465	510	540

Standard/Optional Equipment	SE	SX	SX C-TECH
Hydraulic shutter control	o	o	5
Electric shutter control	5	5	o
Accu Rate spreading system	o	o	o
Stainless steel delivery system	o	o	o
Centerlift border spread system	o	o	o
Centraside border spreading	m	m	m
Comprehensive & straightforward spreadcharts	o	o	o
Hopper cover	m	o	o
Mudguards	5	o	o
Rear lighting kit	5	o	o
Domex hardened vanes	5	m	m
Grass seed agitators	m	m	m
Punch hole sieves	o	m	m
Calibration bowl	5	m	m
Additional gear set to spread >18m and <18m	5	m	m
Centermatic weigh system	5	5	m
Speed sensor - cable to tractor radar	5	5	m
Speed sensor - cable to tractor GPS	5	5	m
Speed sensor - wheel sensor	5	5	m
Speed sensor - onboard GPS	5	5	m
Variable Rate enabled distribution	5	5	o

Key:

o Standard Specification m Optional Equipment 5 Not Available

The company's policy is one of continuous improvement and development, therefore specifications are subject to change without notice.

For Perfect Pastures - XT Range

To complement the Centerliner models, Teagle manufactures the smaller XT and Compact 8 range of fertiliser spreaders. These spreaders are all fitted with a plastic hopper for durability and are easy to set-up, maintain and clean.



XT24 & XT48

Capacity : XT24 660 litres / XT48 1350 litres
 Bout Width : 12m from twin discs with quadruple overlap pattern
 Options: Band spreading kit, hydraulic border tilt system, hopper cover, hopper sieve and powder agitator.



XT 20

Capacity : 660 litres
 Bout Width : 12m from single disc with double overlap spread pattern
 Options: Hopper cover, hopper sieve and powder agitator



Compact 8

Capacity : 234 litres
 Bout Width : 8m from single disc with double overlap spread pattern
 Options : Salt agitator

Other machines in the Teagle Range



Titan Rear Discharge Muck Spreaders

From 6 to 14 cubic meters capacity with a fine and even spread pattern. British built strength and quality as standard.



Flail Mowers

Whether for management of gardens, verges, agricultural, horticultural or forestry areas, we have a model to suit your needs.



Toppers

4' – 10' cut width, belt or shaft drive, in-line and offset models. Finishing and roller mowers also available.



Tomahawk Feeder Bedders

No.1 for feeder bedders, offering outstanding performance from a comprehensive range of models. Trailed or mounted feed, spread and bed; a machine designed for you.



Super-Ted

High speed swath conditioners to promote faster drying. Ideal for recovery of rain damaged crops – wet weather insurance.



Tillage

Power harrows, disc harrows, pneumatic drills and tined cultivators form a comprehensive line-up of arable machinery.

Contact Us



Customer service is our priority

For outstanding back-up we have an extensive dealer network, supported by our experienced sales team.

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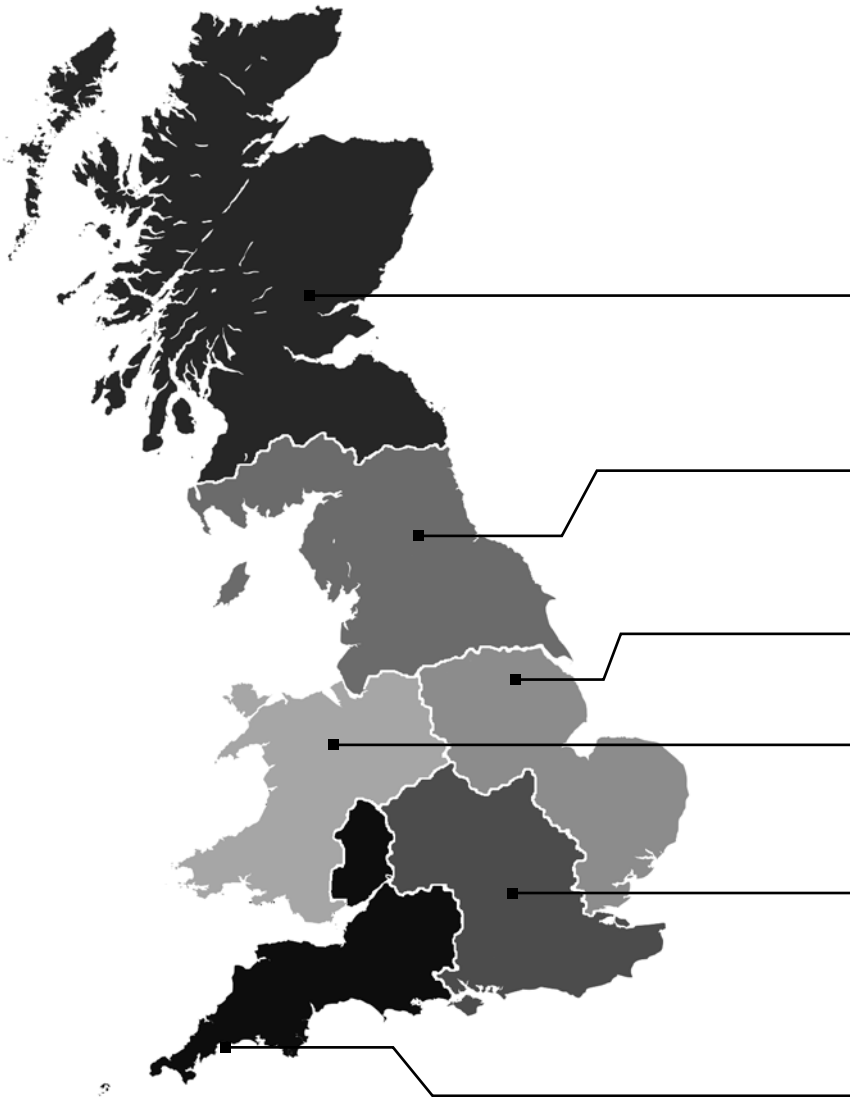
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Centerliners are manufactured in Holland by Tulip Industries to exacting standards using the most up to date manufacturing techniques for outstanding quality and reliability.

Teagle

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