

Teagle

LINE S / LINE M

Precision Fertiliser Spreaders



teagle.co.uk   



LINE
S24 M

1,500 - 2,000 litre capacity
10-18 or 10-24 metre bout width
Hydraulic Shutter Control



LINE
S24 E 

1,500 - 2,000 litre capacity
10-18 or 10-24 metre bout width
Electronic Shutter Control
Weigh Cell System
Variable Rate Application



LINE
M36 M

2,000 - 4,200 litre capacity
18-36 metre bout width
Hydraulic Shutter Control



LINE
M36 E 

2,000 - 4,200 litre capacity
18-36 metre bout width
Electronic Shutter Control
Weigh Cell System
Variable Rate Application



LINE
M36 S 

Section Control 1.0
2,000 - 4,200 litre capacity
18-36 metre bout width
Electronic Shutter Control
8 Section Sectional Control
Weigh Cell System



LINE
M42 Iso 

Section Control 2.0
2,000 - 4,200 litre capacity
18-36 metre bout width (24-45m opt)
Electronic Shutter Control
16 Section Sectional Control
Weigh Cell System



LINE S24 | LINE M36 | LINE M42 Iso

Precision Fertiliser Spreaders

Established in 1943, Teagle Machinery remains a family business focused 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 our machines. From the outset, our machinery has been designed to be simple, robust and easy to use. We still stand by these values, whether it is a product we manufacture ourselves, or that we distribute in collaboration with one of our specialist suppliers.

We carefully select our business partners to ensure a shared commitment to product excellence and outstanding customer service, whilst remaining committed to our aforementioned core values. We are therefore delighted to introduce the Line S and Line M precision fertiliser spreaders as part of a new strategic partnership with Italian manufacturers Dal Cero Metalworking (DCM).

A family company based in Verona, DCM have specialised in the production of fertiliser spreaders since 1980, focusing on building innovative machines that incorporate the latest technology. Working closely with their customers and distributors around the world, DCM have developed a professional range of fertiliser spreaders designed to be easy to use whilst achieving highly accurate spreading results.



OVERVIEW

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RESPECT FOR THE ENVIRONMENT

Accurate fertiliser spreading delivers an even distribution for correct supply of nutrients to plants, avoiding unnecessary overlaps and overdosing.

The LINE S and LINE M fertiliser spreaders (with the optional KIT LIMIT-C border system) comply with the current environmental standard EN 13739-1.

PROVIDING NUTRIENTS FOR GREATER GROWTH!

Correct crop nutrition is essential to ensure efficient growth.

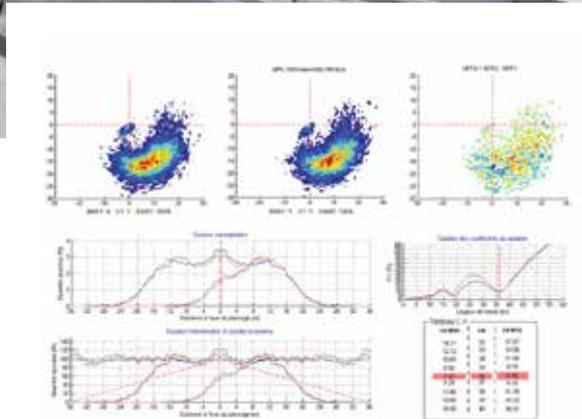
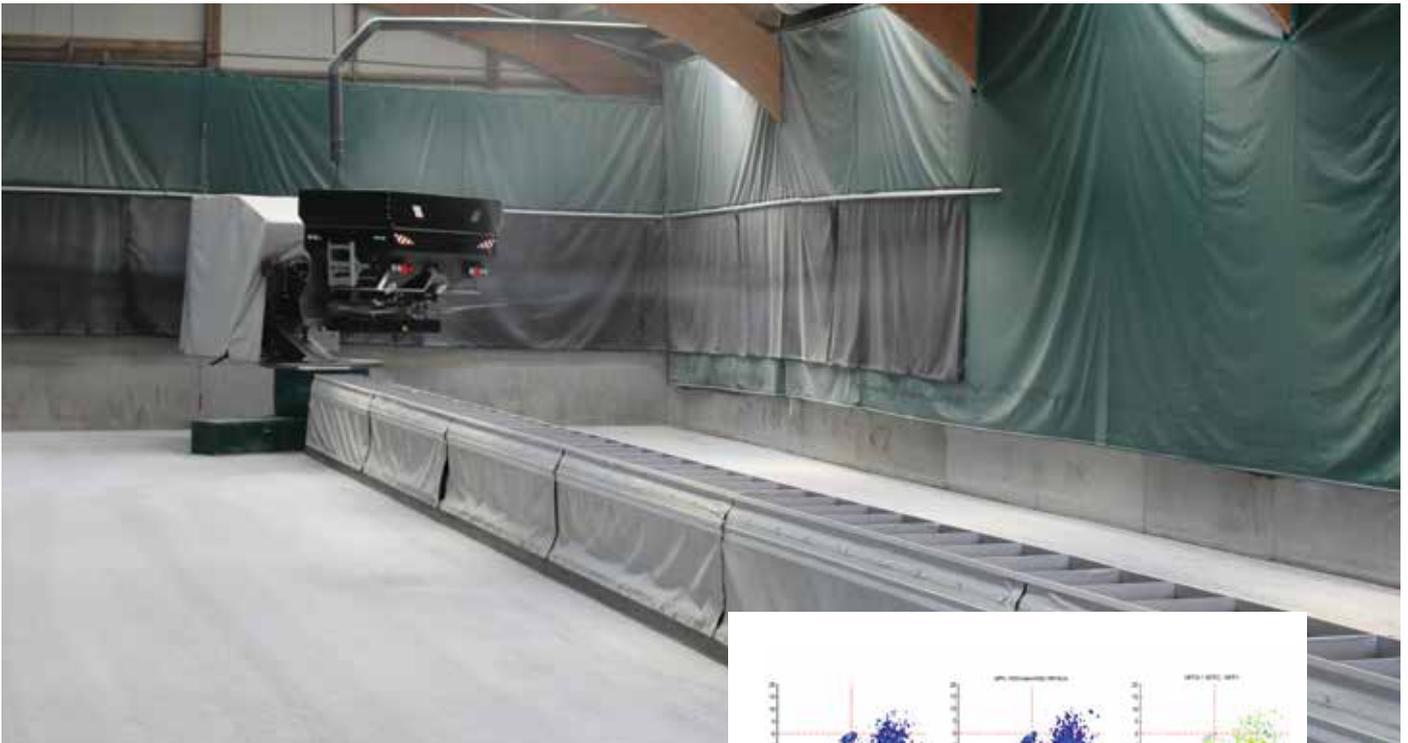
However, incorrect applications can compromise crop yields both in quantitative and qualitative terms, see *table A* on opposite page.



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

The DCM range of machines have undergone thorough testing by the SCS team and have achieved excellent coefficient of variation (CV) results.





SPREADING CHARTS

DCM have been working closely with the world's leading fertiliser manufacturers for many years to offer you the optimum machine settings as quickly as possible.

The spreading tests carried out, both at recognised university test centres and by DCM, are essential to minimise the coefficient of variation (CV).

Distribution can be considered:

EXCELLENT	CV less than 10%
GOOD	CV less than 15%
POOR	CV less than 25%
UNACCEPTABLE	CV over 25%

Up to 25% CV there will be no differences in the crop that are visible to the naked eye, but the crop yields can be adversely affected.

To ensure correct machine setup the machine settings, which are always kept up to date, are available on the DCM APP for IOS and ANDROID.

EXAMPLE (on WHEAT):

In this example (TAB. A) we can see that, in the case of 50% CV, production loss can be up to 1000kg/ha or 12-13% of production.

COEFFICIENT OF VARIATION (CV) %	YIELD KG/HA	PRODUCTION LOSSES KG/HA
0	8370	-
10	8330	- 40
20	8200	- 170
30	7990	- 380
50	7320	- 1050

Table. A

PAINT process



FOR ALL MODELS

The ultra-modern Cataphoresis painting process, incorporating UV protection, guarantees compliance with the strictest standards and protects the machine from corrosion.

Components are shot blasted before being immersed into an electrochemical solution where charged particles are drawn onto the metalwork, resulting in a total coverage and excellent corrosion resistance. A powder coating application completes the process, resulting in an exemplary and unique matt black painted surface.

Rigorous salt spray testing of over 1000 hours generates no sign of blistering nor paint detachment after scratching, which is evidence of optimal paintwork performance.

MAINTENANCE AND CLEANING

Line S / Line M models have been designed in such a way that there are no fertiliser accumulation points, enabling thorough cleaning and straightforward maintenance.

ALL the components in direct contact with the fertiliser (bottom of the hopper, safety grilles, opening and closing shutters, spreading discs, spreading vanes, protective casing, nuts & bolts and agitators) are made from STAINLESS STEEL.



ANTI CORROSION powder technology



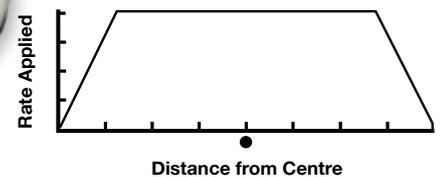
vane & spreading TECHNOLOGY

ADJUSTABLE VANES

Straightforward extension of the 'ST' distribution vanes (optional on the Line S range) allows rapid adjustment to different fertilisers and to the different working widths required.

LINE S Disc

Whilst maintaining the same spreading discs, the Line S24 can be upgraded from the standard 10-18 metre spreading vane to the optional and extendable ST-vanes, enabling quick and simple adjustment from 10-24 metre bout widths without the need to change the disc or vane.



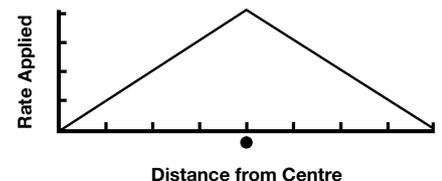
The Line S24 range spreading system generates a TRAPEZOIDAL spread pattern.

LINE M Disc

The Line M range machines are fitted with fully adjustable MT-vanes as standard, thus allowing total flexibility of working widths from 18 to 36 metres with the same discs. The 4 working sections guarantee an optimal, precise and unrivalled spread pattern.



The Line M range spreading system generates a TRIANGULAR spread pattern, achieving greater working widths.



HARDENED VANES

Worn spreading vanes are a primary cause of spreading errors, in approximately 20% of all cases. Therefore, to ensure our vanes can withstand the rigors of operating on our larger machines, the Line M range features spreading vanes with a superior hardened coating as standard.

The metallurgical BrazeCoat™ process is a proven solution against wear and increased corrosion resistance, whilst also reducing the tendency for the fertiliser to build up on the spreading vane during operation.



ACCURACY EVEN ON HILLSIDES



Operating on slopes and hillsides can result in inaccurate spread patterns. To prevent this the Line M range is fitted as standard with a brush system on the fertiliser exit point aperture to ensure a constant and consistent drop point, even in hilly fields.

SIMPLE configuration

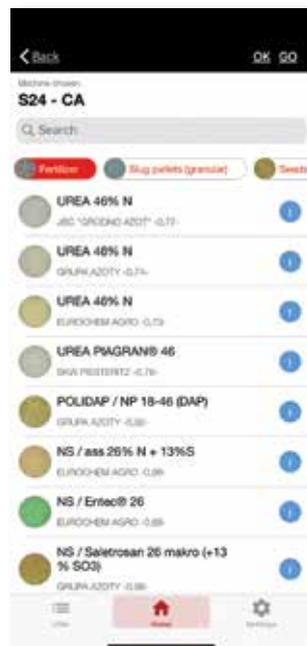


FOR ALL MODELS

To set up your machine, simply look at the spreading chart provided or download the free APP for IOS or ANDROID.

Download the APP, select the model, the type of fertiliser, the working width, the kg/ha and the speed and you're all set to go!

The APP will show all the values to correctly adjust your machine.



GO SECTION ON APP

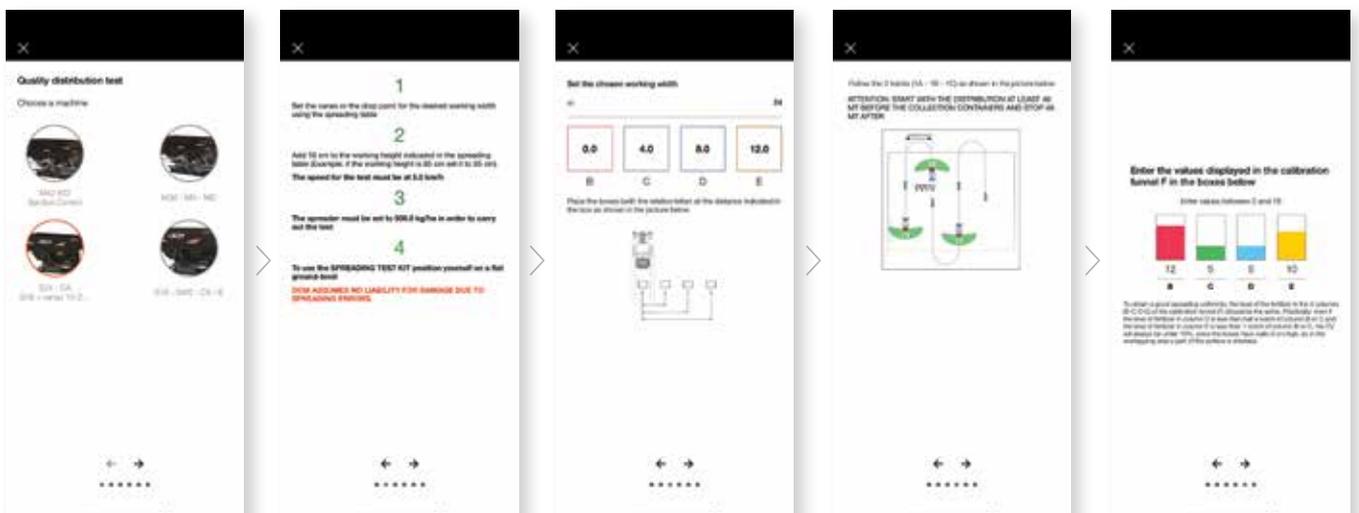
In the GO section of the APP it is possible to find the fertiliser that most closely resembles the one you want to distribute (if the fertiliser is not available in the APP list) by comparing the shape, particle size and specific weight.



OPTIONAL IN-FIELD SPREAD TEST KIT

This kit is used to carry out a quick spread pattern test in the field and to check the quality of the spread pattern. It is made up of 4 collection trays (compliant with EN-13739), a durometer/hardness tester for checking the quality of the fertiliser and a particle size analysis kit.

It is possible to make all the adjustments via the FREE APP for IOS and ANDROID (DCM) in the spread pattern on the field section.



FERTILISERS

MAXIMUM SPREAD WIDTHS BY FERTILISER TYPE

Download our free app to find the correct setting according to the **TYPE OF FERTILISER**



TYPE OF FERTILISER		S24 M S24 E	M36 M M36 E M36 S	M42 ISO Section Control 2.0
	Ammonium nitrate Calcium nitrate	18 mt* 24 mt**	36 mt	36 mt 45 mt***
	Potassium chloride	18 mt* 24 mt**	36 mt	36 mt 45 mt***
	Granular urea	18 mt* 24 mt**	30 mt	36 mt 45 mt***
	Urea prilled	15 mt	24 mt	25 mt 33 mt***
	Blend	18 mt* 24 mt**	30 mt	36 mt 42 mt***

* With 10-18 Metre vanes

** with 10-24 Metre ST-vanes

*** with 24-45 Metre K2-vanes (optional)



MAXIMUM SPREAD WIDTHS BY SEED TYPE

Download our free app to find the correct setting according to the **TYPE OF SEED**



TYPE OF SEED	S24 M S24 E	M36 M M36 E M36 S	M42 ISO Section Control 2.0
 Wheat (not dressed) Winter vetch	18 mt*	28 mt	32 mt**
 Oat /rice (dry)	18 mt*	24 mt	24 mt**
 Barley (not dressed) Rye (not dressed)	18 mt*	24 mt	28 mt**
 Rape seed White clover	15 mt*	18 mt	18 mt**
 Yellow mustard	18 mt*	21 mt	21 mt**
 Perennial rye-grass	15 mt*	10 mt	10 mt**

* APPLIES to both 10-18 m and 10-24 metre vanes

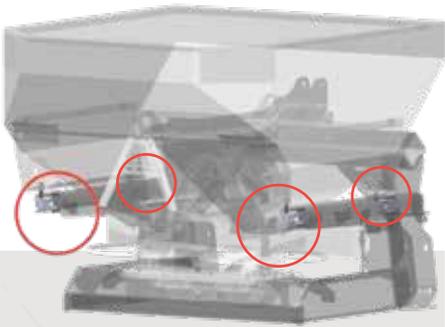
** APPLIES to both 18-36 M and optional 24-45 Metre k2-vanes



ISOBUS technology

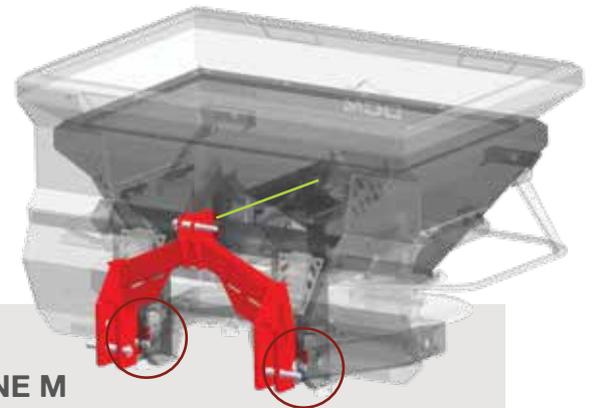
ISOBUS AND WEIGHING TECHNOLOGY

The S24 E, M36 E, M36 S and M42 ISO fertiliser spreaders have ISOBUS technology which allows automatic adjustment of the dosing shutter aperture, according to the tractor's speed of travel (DPAE) and the actual flow characteristics of the fertiliser. The pre-selected dose remains the same even if the speed of travel changes.



LINE S

The 4 weighing cells calculate the flow rate of the fertiliser precisely and reliably even on the move. The weight distribution is accurately maintained to regulate the flow regardless of changes in quantity, feed rate or working width, through the use of a 4-cell system located between the frame and the hopper. The system automatically compares the quantity of product actually spread with that set in the terminal thus avoiding any need for manual calibration.



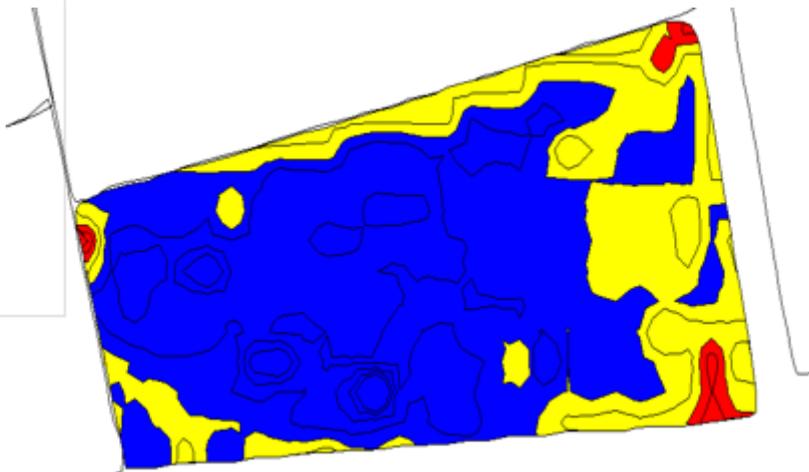
LINE M

The 2 weighing cells, along with a unique and PATENTED centre of gravity point system, calculate the weight and characteristics of the fertiliser 3 times per second to ensure maximum precision and reliability even during movement.

The flowrate is regularly checked to control the dosage, regardless of changes in quantity, speed of travel or working width, through the use of a PATENTED counterframe. The system automatically compares the quantity of product actually distributed with that set in the terminal thus avoiding any need for manual calibration.

VARIABLE RATE

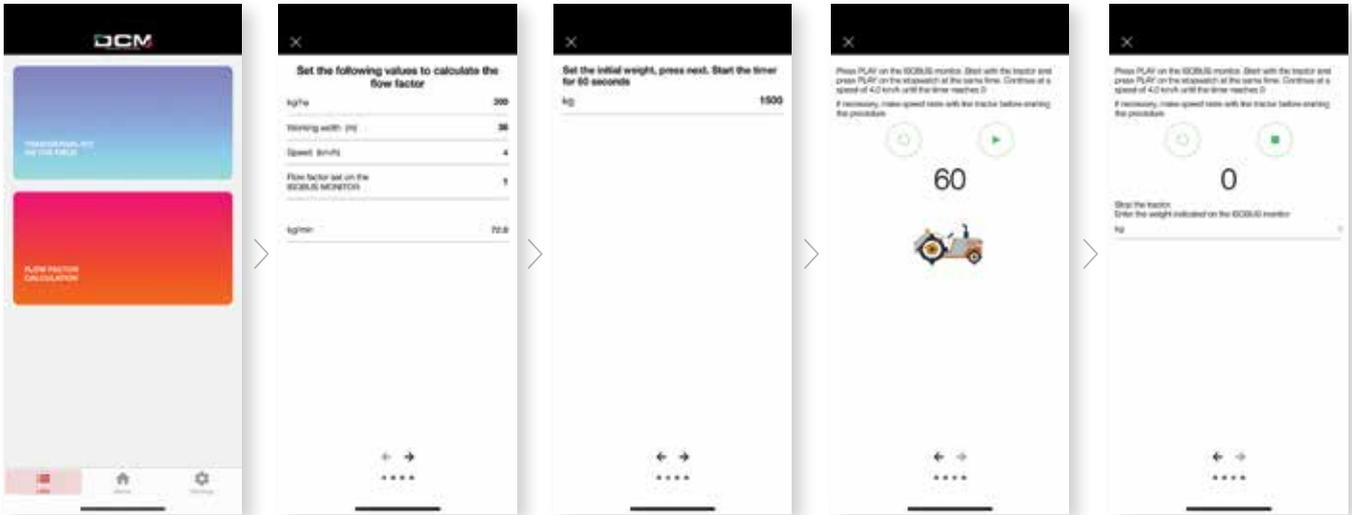
By entering a nutrient map (directly on the ISOBUS monitor) it is possible to vary the dose of fertiliser according to the actual crop requirements (VARIABLE RATE).



FLOW FACTOR CALCULATION

The flow factor is calculated automatically through the constant monitoring of the LOAD CELLS.

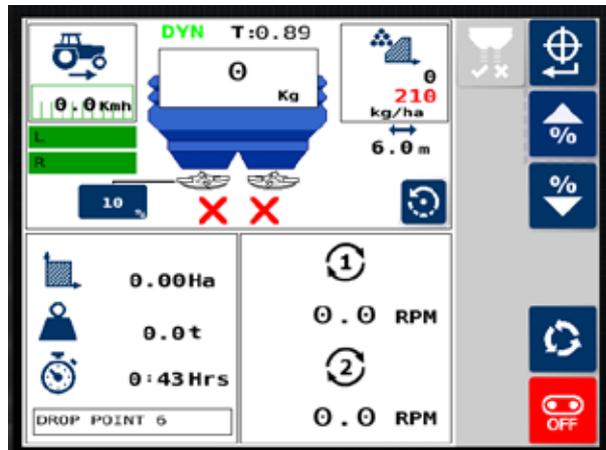
Alternatively, you can test the flow factor using the flow test kit and the free APP for IOS and ANDROID in the FLOW FACTOR CALCULATION section (only ISOBUS version).



ISOBUS CONTROL UNIT

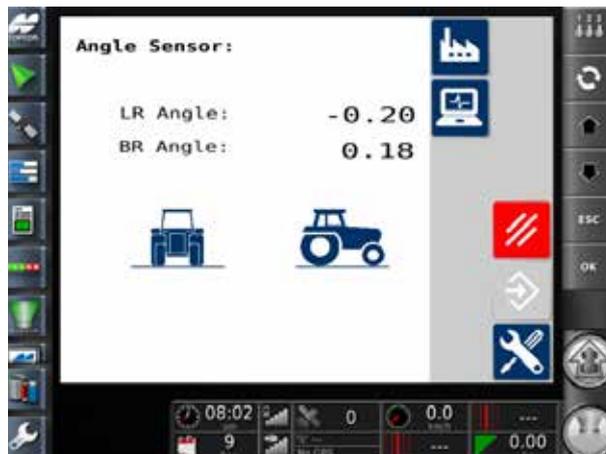
The isobus control unit (standard on S24 E, M36 E, M36 S and M42 ISO), created in collaboration with TOPCON, allows you to connect to any compatible monitor via the ISO 11783 connector.

The main screen, in addition to having a range of other options, allows you to increase the dose to the RIGHT, LEFT or on both sides as a percentage even whilst on the move. By clicking on the SET button, you can immediately return to the initially pre-selected dose.



INCLINOMETER

The inclinometer (standard on S24 E, M36 E, M36 S and M42 ISO) is able to detect change of the spreader angle (longitudinal and transverse) and is able to automatically correct any resulting weighing errors. Thanks to this system it is possible to work without problems even in hilly areas.

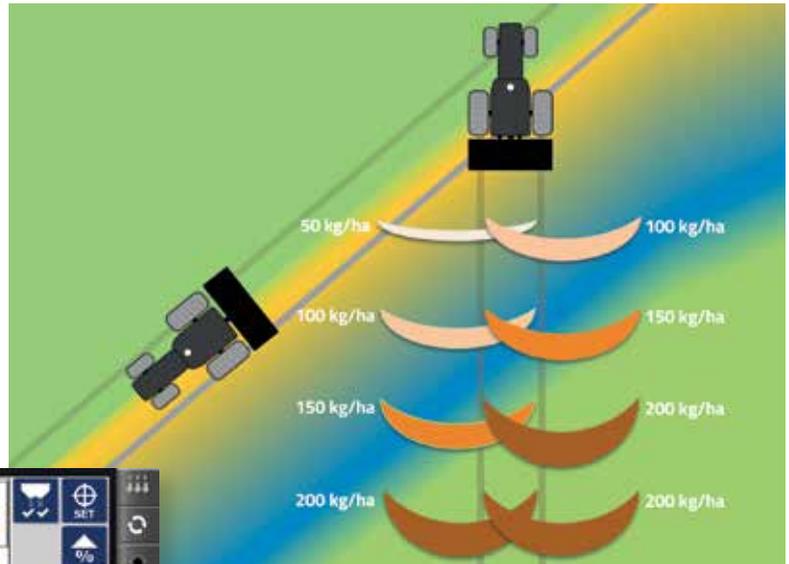


SECTION control

SECTION CONTROL 1.0

Working width control through 8 sections (on M36 S model)

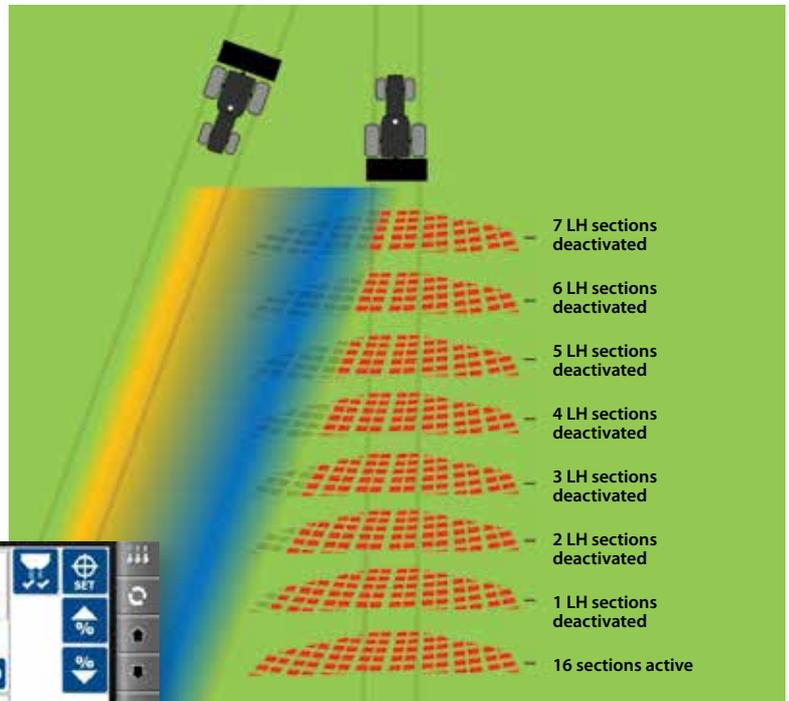
The M36 S model is equipped as standard with an 8-section working width control through dose variation. In wedge shaped areas the spreading is more uniform and the actual amount of fertiliser remains constant over the entire field. It is possible to adjust the working width in AUTOMATIC via GPS from the outside to the inside in 4 sections per side.



SECTION CONTROL 2.0

Working width control through 16 sections (on M42 ISO model)

The M42 ISO model has a 16-section working width control as standard (8 RIGHT and 8 LEFT). The dose and drop point of the fertiliser are automatically adjusted by disconnecting the sections from the outside to the inside. The NOVUM Section Control system connected to the ISOBUS terminal makes it possible to adjust the dose and working width via GPS, allowing an accurate overlap with an increase in production and savings in terms of costs, especially in fields with irregular shapes.



ISOBUS MONITORS

The various types of compatible ISOBUS monitors offer the latest technology available. Regardless of whether you use a compatible DCM or ISOBUS control terminal on your tractor, you can decide to what extent you want to utilise the technology, e.g. SECTION CONTROL, VARIABLE RATE, etc.

This means that by connecting the fertiliser spreader to the ISOBUS TERMINAL, the spreader user interface is automatically displayed on the monitor in the cab without having to connect multiple TERMINALS or to continuously change the MONITOR depending on the implement.

7" XD MONITOR

Available as an optional extra on the S24 E and M36 E machines, the TOPCON 7" XD monitor features a colour touch screen and allows full feature customization in a compact case. Supplied with an an GPS puck for external mounting on the tractor cab.

12" XD+ MONITOR

Available as an optional extra on the M36 S and M42 ISO machines, the TOPCON 12" XD+ monitor features a fully customizable colour touch screen. The increased screen size enables the operator to view detailed mapping data whilst also displaying machine controls simultaneously.

We appreciate that not every tractor is fitted with an ISOBUS compatible monitor therefore the following two optional monitor systems are available to transform any tractor into 100% ISOBUS compatible. You don't need a state-of-the-art tractor to reap the benefits, and associated cost savings, of highly accurate spreading technology.

Both the monitor systems detailed below are supplied as a full package including relevant licenses, associated harnesses and GPS receivers.



A SINGLE MONITOR FOR MULTIPLE IMPLEMENTS



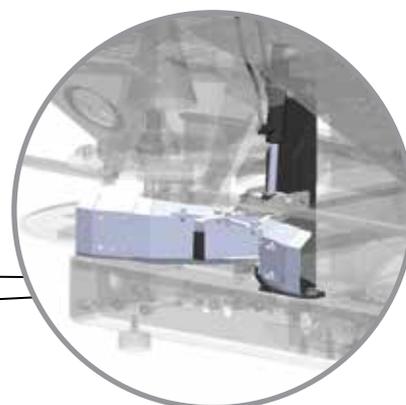
BORDER control systems

BORDER SYSTEM KIT LIMIT-C

(in accordance with environmental law EN 13739-1)

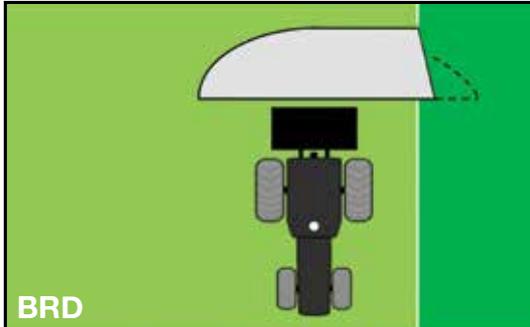


KIT BORDER-X (LINE M ONLY)



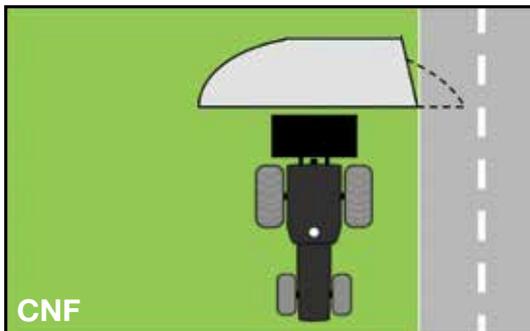
BORDER SYSTEM KIT LIMIT-C

(in accordance with environmental law EN 13739-1)



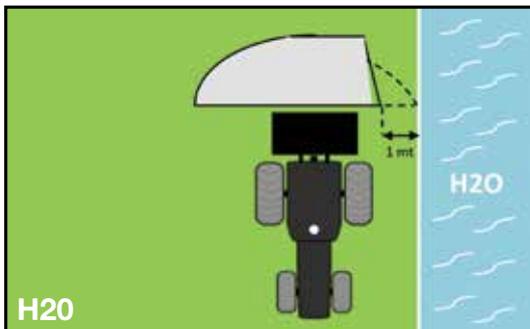
BRD

Distribute the fertiliser equally on the field borders. With this setting, a small amount of fertiliser will be spread beyond the boundary of the field. In this case it is not necessary to reduce the dose.



CNF

The fertiliser, in accordance with regulations, must not fall beyond the boundary of the field (especially next to roads or adjacent property). In this case it is necessary to reduce the dose.



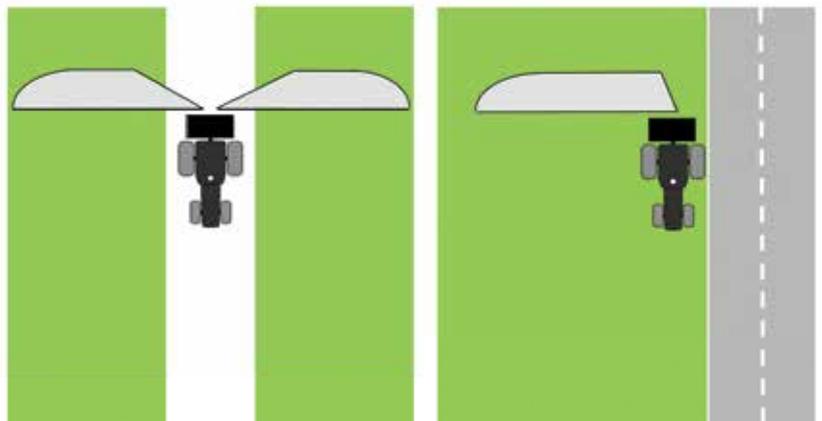
H2O

If there is a ditch or waterway on the border of the field, the fertiliser, in accordance with regulations, must fall more than 1 metre away from the border of the field (if the OPTIONAL border system is used) and more than 3 metres away from the border of the field (if using the SPECIAL OPTIONAL vane). Consequently, a lateral strip of about 2 - 6 metres (based on the distance of the first track from the border) will remain under dosed. In this case it is necessary to reduce the dose.

KIT BORDER-X

CENTRAL BORDER SYSTEM BORDER-X

For spreading on special crops (or on the border of the field) where there is the need to spread LEFT or RIGHT or on both sides of the row, Teagle offer the BORDER-X border system. This OPTIONAL extra keeps the row free from fertiliser.



LINE S

LINE S24 **M** | LINE S24 **E**

The Line S24 range of machines have been designed for ease of use in the field where a compact machine is required. We offer a choice of two machines, either the S24 M with hydraulic shutter, or the electronically controlled S24 E with weigh cells and variable rate application.

We have the right solution for you

Both models are available with either 10 -18 metre spreading vanes, or adjustable 10-24 metre ST vanes.

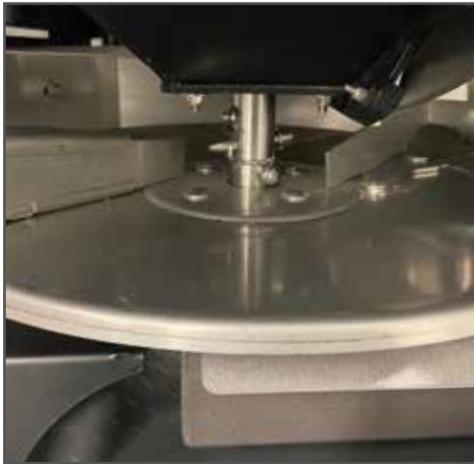
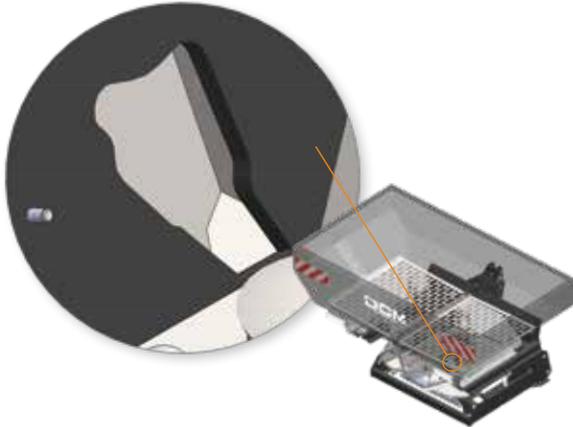
Both variants are available in either 1500 litre or 2000 litre capacity, with a total machine width of 2 metres overall.



STANDARD features

Maximum distribution uniformity

The shape of the shutter aperture has been developed to guarantee a proportional dose and a uniform distribution.

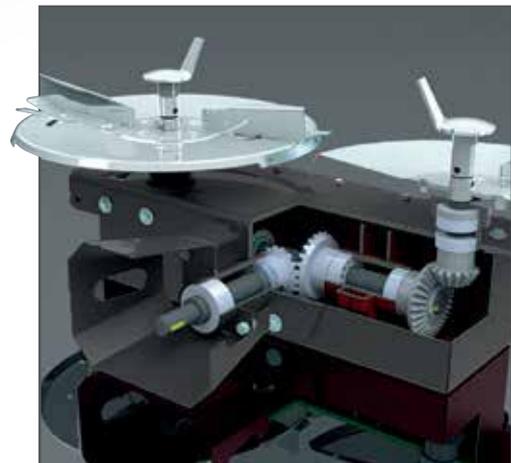


Accurate distribution

The drop point of the fertiliser onto the inner surface of the spreading disc where the peripheral speed is lower, reduces the powdering of granules. The continuous flow of the product is gently delivered to the spreading vanes ensuring a constant distribution regardless of changes in quantity, feed rate or working width.

Simple and intuitive adjustment

The fertiliser spreaders must adapt to a variety of different products and doses. One of our priorities is ease of use. The adjustment of the spreading quantity is by two independent indicators applied on a simple and clearly visible graduation scale (only on S24 M).



Oil bath gearbox

The one piece gearbox, built at the DCM factory, is the cornerstone of these double disc fertiliser spreaders.

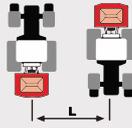


S24 M

LINE

S24 M

WORKING WIDTH 10-18 metres or 10-24 metres
Depending on the type of fertiliser. (see pages 7-8)



N.A. = Not available ✓ = Standard

STANDARD EQUIPMENT

S24 M

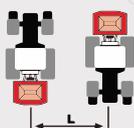
Working width (m)	10 - 24 Depends on fertiliser type
Max hopper capacity (L)	2,000
P.T.O. driveshaft with shear bolt	✓
Spreading charts	✓
STAINLESS STEEL sieves	✓
Powder painted frame	✓
Powder painted hopper	✓
PLASTIC VINYL COVER - MANUAL OPENING (for models from 1500 to 2000 L.)	✓
LED LIGHTING KIT	✓
STAINLESS STEEL FRONT MUD GUARDS	✓
10 to 18 m SPREADING VANES	✓
STAINLESS STEEL hopper base shutters, spreading discs, spreading vanes, protection housing, nuts and bolts and agitators	✓
3-point linkage Cat. I and II	✓
Spreading disc protection according to European safety legislation	✓
Reflectors for road safety	✓
Independent opening/closing shutters	Hydraulic*
One piece oil bath reduction gearbox	✓

* It requires 2 double-acting hydraulic couplings

MODEL	P.T.O R.P.M	A=Depth (cm) B=Width (cm)	Load Height (cm)	Weight (kg)
S24 M 1500	540	A=116 B=220	144	298
S24 M 2000	540	A=116 B=220	161	323

LINE S24 E

WORKING WIDTH 10-18 metres or 10-24 metres
Depending on the type of fertiliser. (see pages 7-8)



N.A. = Not available ✓ = Standard

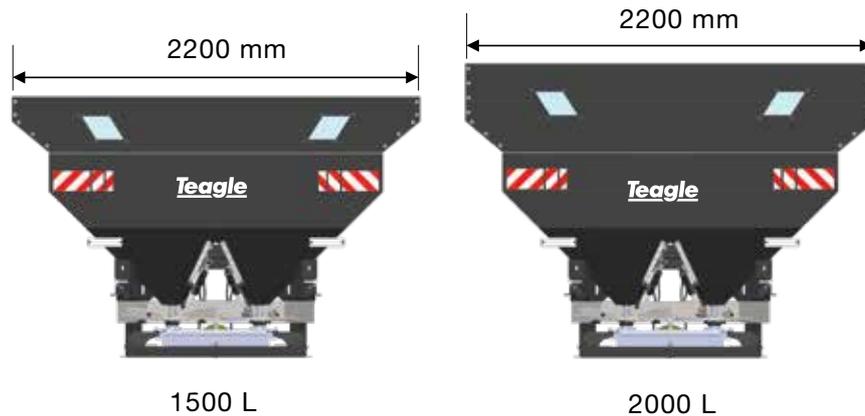
STANDARD EQUIPMENT

S24 E

Working width (m)	10 - 24 Depends on fertiliser type
Max hopper capacity (L)	2,000
P.T.O. driveshaft with shear bolt	✓
Spreading charts	✓
STAINLESS STEEL sieves	✓
Powder painted frame	✓
Powder painted hopper	✓
PLASTIC VINYL COVER - MANUAL OPENING (for models from 1500 to 2000 L.)	✓
LED LIGHTING KIT	✓
STAINLESS STEEL FRONT MUD GUARDS	✓
10 to 18 m SPREADING VANES	✓
STAINLESS STEEL hopper base shutters, spreading discs, spreading vanes, protection housing, nuts and bolts and agitators	✓
3-points linkage Cat. I and II	✓
Independent opening/closing shutters	Electric
One piece oil bath gearbox	✓
Self-calibrating and continuous weighing system (with 4 LOAD CELLS)	✓
Automatic dosage system according to tractor speed (DPAE)	✓
Auto-correction on slopes (up to 25°)	✓
ISO 11783 CABLE If you have an ISOBUS parallel guide or an ISOBUS tractor, you can connect directly to the machine. ATTENTION: if you have an ISOBUS monitor, check the compatibility and with the manufacturer check if you need to ENABLE some additional license on the monitor (especially for VARIABLE RATE)	✓

MODEL	P.T.O R.P.M	A=Depth (cm) B=Width (cm)	Load Height (cm)	Weight (kg)
S24 E 1500	540	A=116 B=220	144	308
S24 E 2000	540	A=116 B=220	161	333

OPTIONAL equipment



○ = Optional | N.A. = Not Applicable

OPTIONAL

	CODE	PHOTO (see pg 31)	S24 M	S24 E
KIT LIMIT-C / HYDRAULIC RIGHT (border system) Activation by hydraulic cylinder. It requires 1 double-acting hydraulic spool on the tractor. The dose reduction is automatically adjusted when you SWITCH ON the BORDER	613100008	2	○	○
ADJUSTABLE ST-VANES (patented). From 10 to 24 m with a click (without changing the type of vanes)***	612200003	8	○	○
TWO-WAY CONTROL For tractors with only one double-acting hydraulic spool	610900005	7	○	○
OPTIONAL IN-FIELD SPREAD TEST KIT This kit is used to make a quick test and check the spread pattern in the field. It consists of 4 trays (in compliance to EN 13739), a durometer for testing the quality of the fertilizer and the particle size analysis kit	619900004	11	○	○
STAINLESS STEEL BAND SPREADING DEFLECTOR (Complete with VANES 10-18 m) Adjustable from 2 to 5 m. Possibility of spreading: R-L or together	613100013	1	○	○
HYDRAULIC MOTOR KIT FOR INDEPENDENT DRIVE OF SPREADING DISCS The hydraulic kit allows continuous spreading discs (540 rpm) speed, even if the engine speed of the tractor is lower. With this system fuel savings are guaranteed	613100002	10	○	○
TROLLEY KIT FOR SPREADER MOVEMENT	613100006	4	○	○

ELECTRICAL EQUIPMENT

	CODE	PHOTO (see pg 31)	S24 M	S24 E
SENSORS FOR HOPPER RESERVE (RIGHT AND LEFT)	613000013	-	N.A.	○
7" COLOUR TOUCH SCREEN monitor ISOBUS TOPCON XD complete with GPS ANTENNA , ISOBUS 11783 cable and supports. Views on the MONITOR: MACHINE CONTROL, DATA REGISTRATION, PARALLEL GUIDE and VARIABLE RATE	-	5	N.A.	○

OPTIONAL equipment



Exclusive band spreading on two rows

The chute (OPTIONAL) made entirely of stainless steel ensures that all nutrients reach the roots of the plants thus saving fertiliser (it is possible to adjust it from 2 to 5 metres).



Removable deflector without the need for tools

The simple and quick release of the chute is very useful for thorough cleaning, or for switching from localised spreading to fields (open field distribution from 10 to 18 metres without changing the type of vanes).

St-vanes (from 10 to 24m working width)

The ST vanes (available on this model) can be accurately adjusted in length and orientation according to the type of fertiliser, seeds and snail/slug pellets for a distribution from 10 to 24 metres.



Special agitator kit for sowing

With the new AGITATOR KIT it is possible to sow in the middle of the row and distribute wet/powder fertilisers. The RIGHT or LEFT agitator can be deactivated for spreading on one side only, without the need for tools (STAINLESS STEEL pin). This operation is very useful especially when you start to distribute on the perimeter of the field using a single disc. If the agitator were not deactivated, the product present in the part where the outlet nozzle remains closed would be crushed forming a blockage of the shutter.

LINE M

LINE M36 **M** | LINE M36 **E** | LINE M36 **S** | LINE M42 **Iso**

The Line M range of machines have been designed for larger scale operators where greater capacity and spreading widths are required. We offer a choice of three machines in the M36 line: the M36 M with hydraulically controlled shutter, the electronic ISOBUS controlled M36 E with variable rate, or the M36 S which features the SECTION CONTROL 1.0 system (8 sections) via ISOBUS control.

The range topping M42 ISO offers even greater spreading flexibility and accuracy thanks to the SECTION CONTROL 2.0 system (16 sections).

All models come as standard with the adjustable stainless steel MT vanes offering 18-36 bout widths with single discs. The M42 ISO is available with the optional 'K2' vane kit which increases spreading width up to 45 meters (depending on fertiliser type).

We have the right solution for you



STANDARD features

Adjustable vanes on M36 M, M36 E and M36 S models



MT-vanes can be accurately adjusted in length and orientation from 18 to 36 metres according to the type of fertiliser, seeds and snail/slug pellets. The operator, thanks to the clearly visible graduations, can adjust quickly without the need for tools.

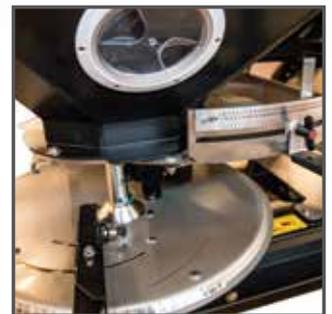


Simple and intuitive adjustment

One of our joint objectives along with DCM is to manufacture machines that are ease to use. As such, the spreading quantity is easily adjusted via two independent levers with a simple and clearly visible graduation scale (only on version M36 M).

Gentle on fertiliser

The drop point of the fertiliser onto the inner surface of the spreading disc where the peripheral speed is lower reduces the powdering of the granules. The continuous flow of the product is gently delivered to the spreading vanes ensuring a constant distribution regardless of changes in quantity, feed rate or working width.



Optimum spread pattern

The shape of the shutter aperture has been developed to guarantee a proportional dose and a uniform distribution.



3 Piece gearbox

The reliable gearbox is the cornerstone of these double disc fertiliser spreaders.

Smart agitators

The eccentric agitators are made entirely of STAINLESS STEEL and rotate at reduced speed (10-50 rpm) to carefully 'stir' the fertiliser in a controlled way, also carefully emptying the corners of the hopper. When a shutter remains closed the agitator does not rotate, but performs a small oscillation thus avoiding breaking the fertiliser, seed or snail/slug pellet. This function is extremely useful especially when performing extended spreading on half the side (for example on the borders).

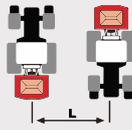


M36 M

LINE

M36 M

WORKING WIDTH 18-36 metres standard
Depending on the type of fertiliser. (see pages 7-8)



N.A. = Not available ✓ = Standard

STANDARD EQUIPMENT

M36 M

Working width (m)	18 - 36 Depends on fertiliser type
Max hopper capacity (L)	4,200
P.T.O. driveshaft with shear bolt	✓
P.T.O. driveshaft with CAM CLUTCH and FREE WHEEL (for models from 3200 to 4200 L.)	✓
Spreading charts	✓
STAINLESS STEEL sieves	✓
Powder painted frame and hopper	✓
PLASTIC VINYL COVER - MANUAL OPENING	✓
LED LIGHTING KIT	✓
STAINLESS STEEL FRONT MUD GUARDS	✓
STAINLESS STEEL INSPECTION LADDER	✓
Adjustable MT-vanes. Spreading width from 18 to 36 m. with a click (without changing the type of vanes)	✓
STAINLESS STEEL hopper base shutters, spreading discs, spreading vanes, protection housing, nuts and bolts and agitators	✓
3-points linkage Cat. II and III	✓
Spreading discs protection according to the european legislation	✓
Reflectors for road safety	✓
Independent opening/closing shutters	Hydraulic*
Oil bath reduction gears (fully sealed)	✓

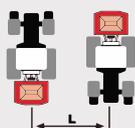
* It requires 2 double-acting hydraulic couplings

MODEL	P.T.O R.P.M	A=Depth (cm) B=Width (cm)	Load Height (cm)	Weight (kg)
M36 M 2000	540	A=160 B=220	140	570
M36 M 2500	540	A=160 B=220	155	610
M36 M 3200	540	A=160 B=280	154	610
M36 M 3700	540	A=160 B=280	164	652
M36 M 4200	540	A=160 B=280	174	694

LINE

M36 E

WORKING WIDTH 18-36 metres standard
Depending on the type of fertiliser. (see pages 7-8)



STANDARD EQUIPMENT

M36 E

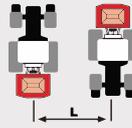
Working width (m)	18 - 36 Depends on fertiliser type
Max hopper capacity (L)	4,200
P.T.O. driveshaft with shear bolt (for models from 1500 to 3000 L)	✓
P.T.O. driveshaft with CAM CLUTCH and FREE WHEEL (for models from 3200 to 4200 L)	✓
Spreading charts	✓
STAINLESS STEEL sieves	✓
Powder painted wearproof frame and hopper	✓
PLASTIC VINYL COVER - MANUAL OPENING	✓
LED LIGHTING KIT	✓
STAINLESS STEEL FRONT MUD GUARDS	✓
STAINLESS STEEL INSPECTION LADDER	✓
Adjustable MT-vanes. Spreading width from 18-36 m. with a click (without changing the vane type)	✓
Stainless steel hopper base shutters, spreading discs, spreading vanes, protection housing, nuts and bolts and agitators	✓
3-points linkage Cat. II and III	✓
Spreading discs protections according to the european legislation	✓
Reflectors for road safety	✓
Independent opening/closing shutters	Electric
Oil bath gearbox (fully sealed)	✓
Automatic dosage system according to the feed rate of the tractor (DPAE)	✓
Additional frame with SELF-CALIBRATING AND CONTINUOUS WEIGHING system (with 2 load cells)	✓
Auto-correction on slopes (Max 25°)	✓
ISO 11783 CABLE If you have an ISOBUS parallel guide or an ISOBUS tractor, you can connect directly to the machine. ATTENTION: if you have an ISOBUS monitor, check the compatibility and with the manufacturer check if you need to ENABLE some additional license on the monitor (especially for VARIABLE RATE)	✓

MODEL	P.T.O R.P.M	A=Depth (cm) B=Width (cm)	Load Height (cm)	Weight (kg)
M36 E 2000	540	A=178 B=220	140	630
M36 E 2500	540	A=178 B=220	155	670
M36 E 3200	540	A=178 B=280	154	670
M36 E 3700	540	A=178 B=280	164	712
M36 E 4200	540	A=178 B=280	174	754

LINE

M36 **S** section control 1.0

WORKING WIDTH 18-36 metres standard
Depending on the type of fertiliser. (see pages 7-8)



N.A. = Not available ✓ = Standard

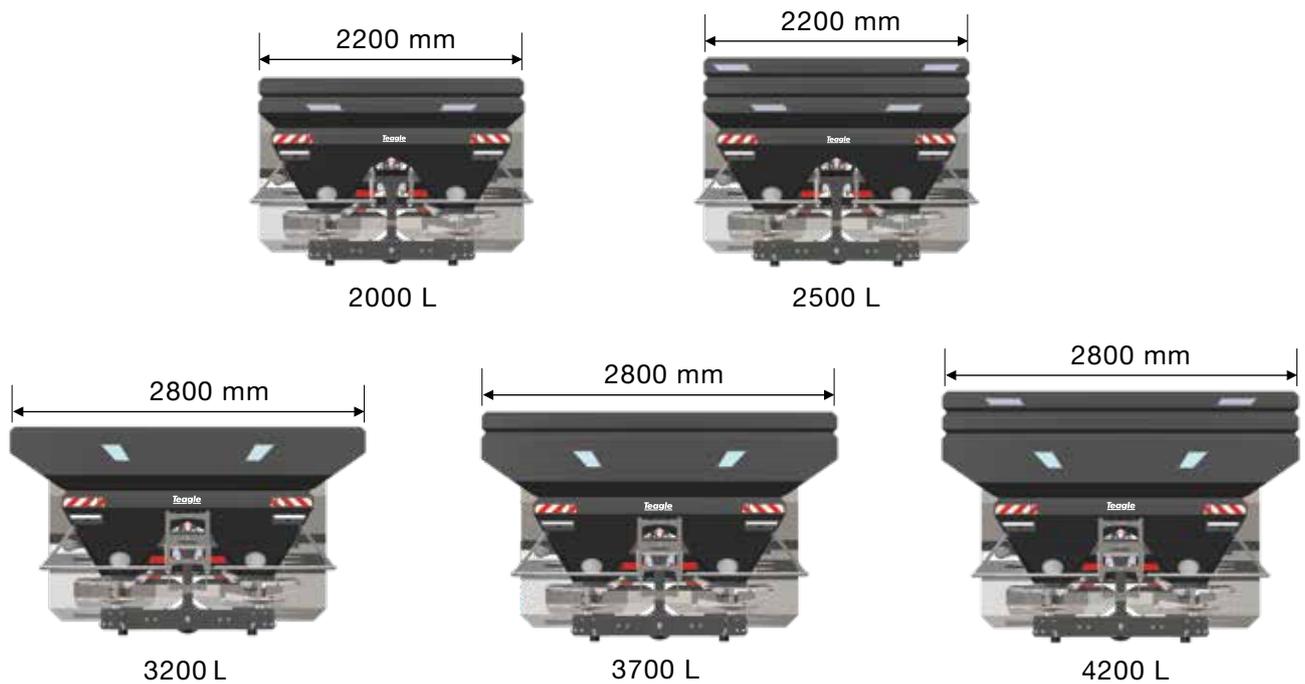
STANDARD EQUIPMENT

M36 S

Working width (m)	18 - 36 Depends of fertiliser type
Max hopper capacity (L)	4,200
P.T.O. driveshaft with shear bolt (for models from 1500 to 3000 L)	✓
P.T.O. driveshaft with CAM CLUTCH and FREE WHEEL (for models from 3200 to 4200 L)	✓
Spreading charts	✓
STAINLESS STEEL sieves	✓
Powder painted frame and hopper	✓
PLASTIC VINYL COVER - MANUAL OPENING	✓
LED LIGHTING KIT	✓
STAINLESS STEEL FRONT MUD GUARDS	✓
STAINLESS STEEL INSPECTION LADDER	✓
Adjustable MT-vanes. Spreading width from 18-36 m. with a click (without changing the vane type)	✓
STAINLESS STEEL hopper base shutters, spreading discs, spreading vanes, protection housing, nuts and bolts and agitators	✓
3-points linkage Cat. II and III	✓
Independent opening/closing shutters	Electric
Oil bath gearbox (fully sealed)	✓
SECTION CONTROL 1.0 8-section working width control (4 right - 4 left) through dose variation	✓
Automatic dosage system according to the feed rate of the tractor (DPAE)	✓
Additional frame with SELF-CALIBRATING AND CONTINUOUS WEIGHING system (with 2 load cells)	✓
Auto-correction on slopes (until 25°)	✓
ISO 11783 CABLE If you have an ISOBUS parallel guide or an ISOBUS tractor, you can connect directly to the machine. ATTENTION: if you have an ISOBUS monitor, check the compatibility and with the manufacturer check if you need to ENABLE some additional license on the monitor (especially for VARIABLE RATE)	✓

MODEL	P.T.O R.P.M	A=Depth (cm) B=Width (cm)	Load Height (cm)	Weight (kg)
M36 S 2000	540	A=178 B=220	140	630
M36 S 2500	540	A=178 B=220	155	670
M36 S 3200	540	A=178 B=280	154	670
M36 S 3700	540	A=178 B=280	164	712
M36 S 4200	540	A=178 B=280	174	754

OPTIONAL equipment



○ = Optional | N.A. = Not Applicable

OPTIONAL

	CODE	PHOTO (see pg 31)	MODEL		
			M	E	S
KIT LIMIT-C / HYDRAULIC RIGHT (border system) Activation by hydraulic cylinder. It requires 1 double-acting hydraulic spool on the tractor. The dose reduction is automatically adjusted when you SWITCH ON the BORDER	613000002	2	○	○	○
KIT BORDER-X For the fertilisation of special crops (or on the border of the field) where there is the need to spread left or right or on both sides of the row.	613000014	3	○	○	○
TWO-WAY CONTROL For tractors with only one double-acting hydraulic spool	610900005	7	○	○	○
OPTIONAL IN-FIELD SPREAD TEST KIT This kit is used to make a quick test and check the spread pattern in the field. It consists of 4 trays (in compliance to EN 13739), a durometer for testing the quality of the fertilizer and the particle size analysis kit	619900004	11	○	N.A	N.A
HYDRAULIC MOTOR KIT FOR INDEPENDENT DRIVE OF SPREADING DISCS The hydraulic kit allows continuous spreading discs (540 rpm) speed, even if the engine speed of the tractor is lower. With this system fuel savings are guaranteed	613000010	10	○	○	○
TROLLEY KIT FOR SPREADER MOVEMENT	613000011	4	○	○	○

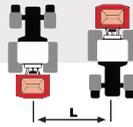
ELECTRICAL EQUIPMENT

	CODE	PHOTO (see pg 31)	MODEL		
			M	E	S
SENSORS FOR HOPPER RESERVE (RIGHT AND LEFT)	613000013	-	N.A	○	○
7" COLOUR TOUCH SCREEN MONITOR ISOBUS TOPCON XD complete with GPS ANTENNA , ISOBUS 11783 cable and supports. Views on the MONITOR: MACHINE. CONTROL, DATA REGISTRATION, PARALLEL GUIDE and VARIABLE RATE		5	N.A	○	○
12" COLOUR TOUCH SCREEN MONITOR ISOBUS TOPCON XD+ complete with GPS ANTENNA , ISOBUS 11783 cable and supports. Views on the MONITOR: MACHINE CONTROL, DATA REGISTRATION, PARALLEL GUIDE and VARIABLE RATE. Includes variable rate and section control licenses		6	N.A	N.A	○

LINE

M42 Iso section control 2.0

WORKING WIDTH 18-36 metres standard, 24-45 metres optional
Depending on the type of fertiliser. (see pages 7-8)



STANDARD EQUIPMENT

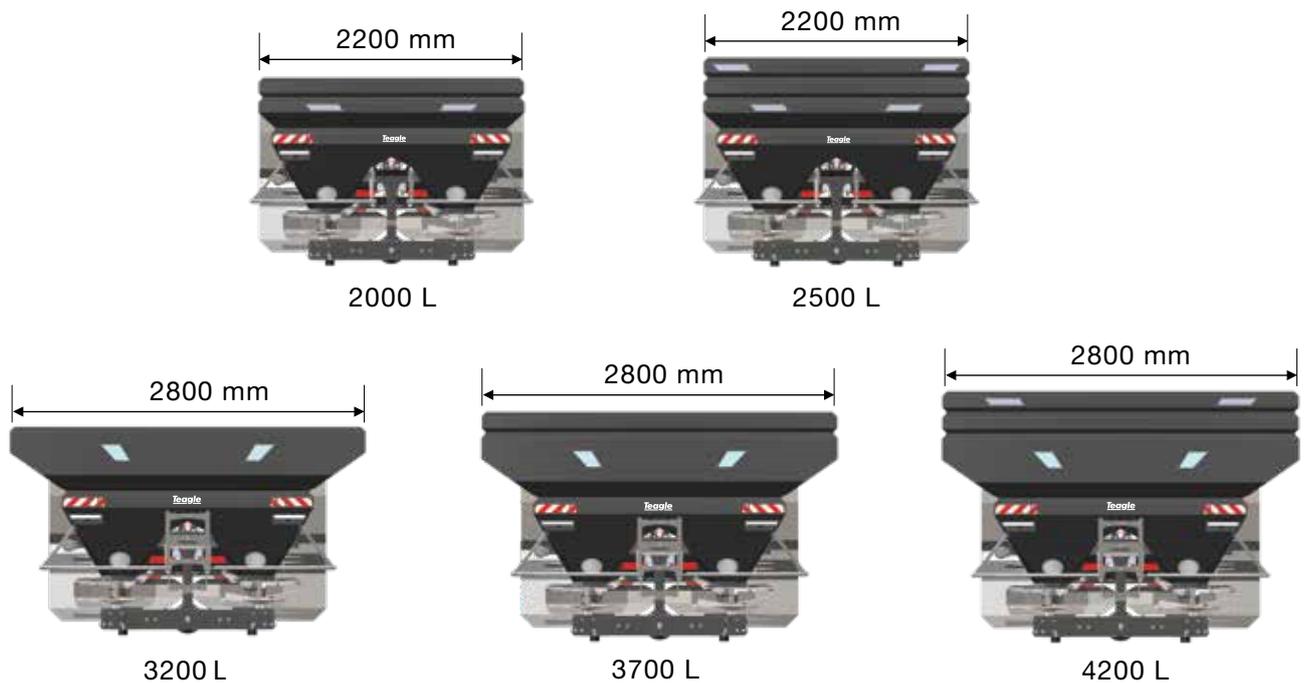
M42 Iso

Working width (m) (8 section RIGHT + 8 section LEFT)	18 - 36 Depends on fertiliser type 24 - 45 *** (optional)
Max hopper capacity (L)	4,200
P.T.O. driveshaft with shear bolt (for models from 1500 to 3000 L.)	✓
P.T.O. driveshaft with CAM CLUTCH and FREE WHEEL (for models from 3200 to 4200 L)	✓
Spreading charts with free download APP (iOS or Android)	✓
STAINLESS STEEL sieves	✓
Powder painted wearproof frame and hopper	✓
PLASTIC VINYL COVER - MANUAL OPENING	✓
LED LIGHTING KIT	✓
STAINLESS STEEL FRONT MUD GUARDS	✓
STAINLESS STEEL INSPECTION LADDER	✓
Adjustable K1-vanes. Spreading width from 18 to 36 mt. with a click (without changing the type of vanes)	✓
STAINLESS STEEL hopper base shutters, spreading discs, spreading vanes, protection housing, nuts and bolts and agitators of STAINLESS STEEL	✓
3-points linkage Cat. II and III	✓
Spreading discs protections according to the European legislation	✓
Independent opening/closing shutters	Electric
Oil bath gearbox (fully sealed)	✓
Automatic dosage system according to the feed rate of the tractor (DPAE)	✓
Additional frame with SELF-CALIBRATING AND CONTINUOUS WEIGHING system (with 2 load cells)	✓
Auto-correction on slopes (Maxc 25°)	✓
ISO 11783 CABLE If you have an ISOBUS parallel guide or an ISOBUS tractor, you can connect directly to the machine. ATTENTION: if you have an ISOBUS monitor, check the compatibility and with the manufacturer check if you need to ENABLE some additional license on the monitor (especially for VARIABLE RATE)	✓
ENABLE LICENSES All licenses are active on the control unit of the spreader	✓
SECTION CONTROL 2.0 Sections control by 2 independent electric actuators (16 sections)	✓

N.A. = Not available ✓ = Standard

MODEL	P.T.O R.P.M	A=Depth (cm) B=Width (cm)	Load Height (cm)	Weight (kg)
M42 Iso 2000	540	A=178 B=220	140	650
M42 Iso 2500	540	A=178 B=220	155	690
M42 Iso 3200	540	A=178 B=280	154	690
M42 Iso 3700	540	A=178 B=280	164	732
M42 Iso 4200	540	A=178 B=280	174	774

OPTIONAL equipment



○ = Optional | N.A. = Not Applicable

OPTIONAL

CODE

PHOTO
(see pg 31)

VANES KIT K2 (24 - 45 mt) *** Depends of the type of fertilizer	613000015	9
KIT LIMIT-C / HYDRAULIC RIGHT (border system) Activation by hydraulic cylinder. It requires 1 double-acting hydraulic switch on the tractor. The dose reduction is automatically adjusted when you SWITCH ON the BORDER	613000002	2
KIT BORDER-X For the fertilisation of special crops (or on the border of the field) where there is the need to spread left or right or on both sides of the row	613000014	3
OPTIONAL IN-FIELD SPREAD TEST KIT This kit is used to make a quick test and check the spread pattern in the field. It consists of 4 trays (in compliance to EN 13739), a durometer for testing the quality of the fertilizer and the particle size analysis kit	619900004	11
HYDRAULIC MOTOR KIT FOR INDEPENDENT DRIVE OF SPREADING DISCS The hydraulic kit allows continuous spreading discs (540 rpm) speed, even if the engine speed of the tractor is lower. With this system fuel savings are guaranteed	613000010	10
TROLLEY KIT FOR SPREADER MOVEMENT	613000011	4

ELECTRICAL EQUIPMENT

CODE

PHOTO
(see pg 31)

MODEL
M E S

SENSORS FOR HOPPER RESERVE (RIGHT AND LEFT)	613000013	-	N.A.	○	○
7" COLOUR TOUCH SCREEN MONITOR ISOBUS TOPCON XD complete with GPS ANTENNA , ISOBUS 11783 cable and supports. Views on the MONITOR: MACHINE. CONTROL, DATA REGISTRATION, PARALLEL GUIDE and VARIABLE RATE		5	N.A.	○	○
12" COLOUR TOUCH SCREEN MONITOR ISOBUS TOPCON XD+ complete with GPS ANTENNA , ISOBUS 11783 cable and supports. Views on the MONITOR: MACHINE CONTROL, DATA REGISTRATION, PARALLEL GUIDE and VARIABLE RATE. Includes variable rate and section control licenses		6	N.A.	N.A.	○

SALT spreader

LINE

VX **S** stainless steel hopper

Spreading disc with 4 vanes, articulated agitator, housing, opening/closing shutters of stainless steel. Plastic vinyl cover



STANDARD EQUIPMENT

VX/S

Working width (m)	2-8
Hopper capacity (L)	340
Hopper width (cm)	from 94 to 120cm (Depends on the model)
P.T.O. driveshaft L = 700 mm (1-3/8" Z6_1-3/8" Z6)	✓
Powder painted wearproof frame	✓
STAINLESS STEEL hopper	✓
STAINLESS STEEL sieve	
Spreading disc with 4 vanes, articulated agitator, housing, opening/closing sliders, bolts and nuts of STAINLESS STEEL	✓
Opening/closing shutters	Manual
Slow-turning articulated agitator and spreading disc (285 rpm)	✓
3-points linkage Cat. I and II	✓
Plastic vinyl cover	✓
LED Light Kit	✓
AGITATOR FOR SALT AND GRIT	✓
STAINLESS STEEL adjustable deflector (from 2 to 8 mt) to limit the spread	✓

N.A. = Not available ✓ = Standard

OPTIONAL

CODE

PHOTO
(see pg 31)

HYDRAULIC shutter Control requires 1 double-acting hydraulic spool	610300020	7
--	-----------	---

MODEL	MAX LOAD (KG)	P.T.O R.P.M	DIAMETER (CM)	LOAD HEIGHT (CM)	WEIGHT (KG)
VX/S 500	560	540	120	117	68

GRU bag lifter

LINE
GRU



STANDARD EQUIPMENT

VX/S

3-points linkage Cat. I and II	✓
Two double-acting hydraulic rams (requires 2 double-acting hydraulic couplings)	✓
Support feet	✓
Bag lifting hook	✓
3-points linkage for the hitch to the fertilizer spreader with max load 2500 lt. (max load 3000 kg)	✓

N.A. = Not available ✓ = Standard

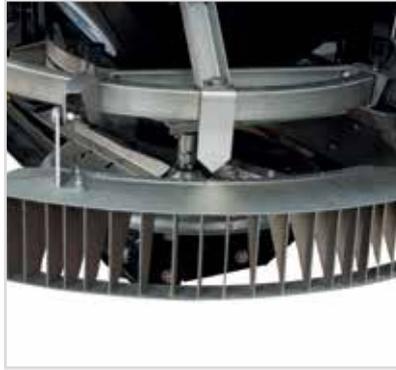
**PLEASE NOTE:
ONLY AVAILABLE ON MACHINES UP TO 2500 LITRE CAPACITY
WITH A 3000KG MAXIMUM LOAD**

MODEL	MAX LOAD WITH EXTENDED ARM (KG)	MAX EXTENSION (MT)	MAX ELEVATION OF UPLIFTING (MT)	WEIGHT EMPTY (KG)	SIZE WHEN CLOSED (H)	MIN REQUIRED TRACTOR (HP)	MAX REQUIRED PRESSURE
GRU	1000	3,5	4,5	360	180 x 120 x 200	60	25 l/min at 180 bar

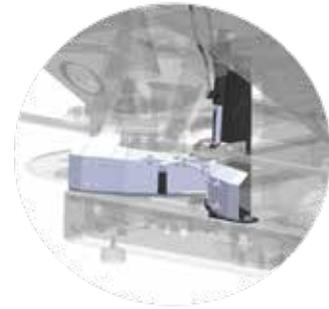
OPTIONS



1 STAINLESS STEEL BAND
SPREADING DEFLECTOR



2 KIT LIMIT-C
HYDRAULIC RIGHT



3 KIT BORDER-X



4 TROLLEY KIT
SPREADER MOVEMENT



5 7" TOUCH SCREEN
ISOBUS TOPCON XD



6 12" TOUCH SCREEN
ISOBUS TOPCON XD+



5 2-WAY CONTROL



6 ADJUSTABLE
ST-VANES



7 VANES KIT K2



10 HYDRAULIC
MOTOR KIT



11 IN FIELD
SPREAD TEST KIT



12 CALIBRATION
BUCKET

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