



## VOGAL FERTILISER & MAGNESIUM SPREADER CATALOGUE **2017**

### **A COMPLETE RANGE**

*"Built To Last Criteria"*



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### The Vogal Story;

Vogal spreaders are manufactured by Rata Industries Group in Winchester New Zealand along with the Rata Loader Attachment & Cultivation range. This large range of agricultural products means Vogal spreaders benefit from a vast history of agricultural manufacturing experience at Rata Industries as information and new developments in other agricultural sectors is shared and applied to the Vogal range where applicable. Vogal has always had a great reputation for high quality throughout its history starting out in 1958. Vogal products continue to improve and increase spreading efficiencies today, helping to give more farmers and land owners the profits they deserve.

### The Vogal difference;

Vogal fertiliser spreaders and accessories are manufactured to last the test of time and provide a lifetime of excellent trouble free service for the owner. As a result a lot of additional effort goes into the design and manufacture of Vogal spreaders, namely the strength of the Vogal spreader frames with extra gusseting and galvanising and heavier plastic hoppers to cope with the knocks and scrapes. Our way of thinking here at Rata where Vogal is manufactured is to 'over build rather than under build'. As a result Vogal spreaders sit at the upper end of the market and do require a bit more investment outlay than some of the more run of the mill brands due the considerably greater heavy duty build and features that you will be thankful for.

When making your decision as to what spreader you will purchase (Vogal or not) please remember:

*"The bitterness of poor quality remains long after the sweetness of low price is forgotten" – Benjamin Franklin*





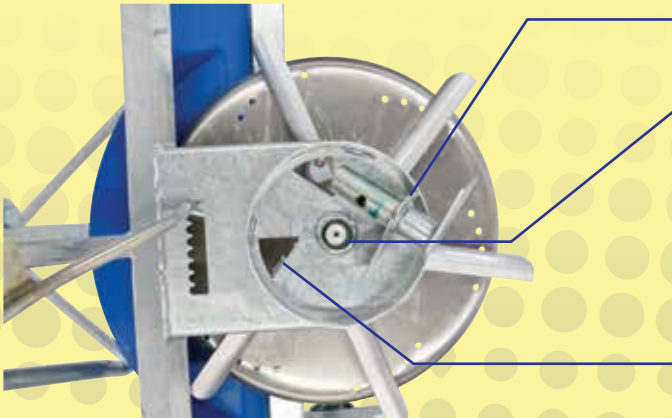


Extra gusseting throughout spreader frames to increase strength and frame rigidity



#### Additional gearbox protection

An oil soaked felt washer clamped down onto the top of the gearbox by two stainless steel plates creates another two layers of protection for the gearbox preventing granulated fertiliser or magnesium from working its way into the gearbox and bearings.



**Removable Agitator** For ease of cleaning & maintenance.

**Hardened Zinc plate agitator bush** Not a bearing or plastic. The hardened bush does not need frequent replacement such as a bearing or plastic bush/hopper base, this lowers the cost of maintenance due to the absence of a bearing and prevents the hopper base being chewed out by the agitator. Note—agitator removed for picture

**Dual Triangular apertures** enable the even spreading of a vast array of fertilisers and also grass seeds!



#### Swivel Tow Coupling

All models apart from the Mag45, 120 & 240 have a swivel tow coupling which increases hill side safety in the case of any rollover.



#### Steel Bash Plates

Gearbox and drive system is protected by steel bash plates to prevent solid objects damaging the gearbox and drive system.



#### Heavy Plate Linkages (TPL model)

Linkage arms are made of heavy steel plate that are more than adequate for the fertilisers hopper capacity, in keeping with the overall VOGAL theme of overbuilding rather than under-building.

## EASY LOCK V PIN LOCK

### PIN LOCK:

Pin holds drive engagement slider in or out of gear, Very simple & cost effective.

**Models:**

MAG 45, 120, 240, 500

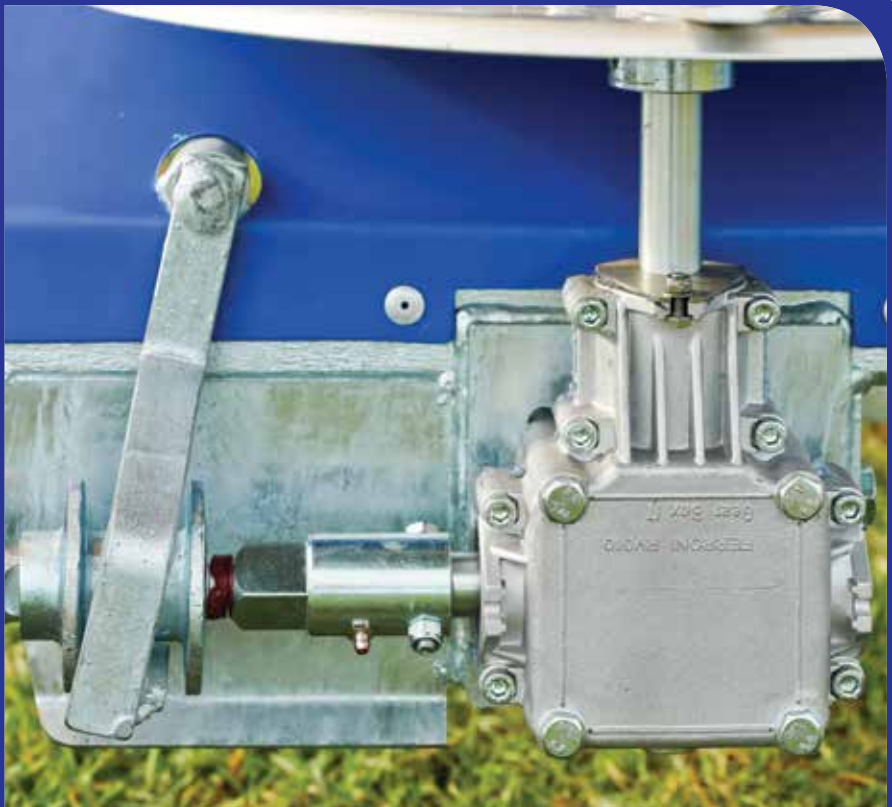


### EASY LOCK:

Drive engagement by handle at front of spreader, which moves the slider by the gearbox, very easy & minimal effort.

**Models:**

EX120, EX240, EX500,  
EX750 & TT750



## CONTACT DETAILS:

### Sales

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### Spare Parts

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### Freephone:

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### Address:

1 Ferrier Rd, Winchester,  
South Canterbury, New Zealand

## WARRANTY:

All Vogal products have a 24 month warranty that covers workmanship and faulty materials (excluding tyres & bearings). The end user must register the product at [www.rataindustries.co.nz/register-product](http://www.rataindustries.co.nz/register-product) for the warranty to take effect (A QR link can be found on the attachment itself that links directly to the web page).

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## BAITMAX



### FEATURES:

- 12V electric motor
- 45 litre hopper capacity
- UV resistant plastic moulded lid
- Stainless steel frame
- Protective casing for main motor
- Up to 18m spread width
- Application rates of 2-20kg/ha
- Adjustable disc angle
- 18kg Dry weight

### Baitmax Specs

CODE	DESCRIPTION	SPREAD WIDTH	HOPPER CAPACITY	APPLICATION RATE
795.BM45	Baitmax slug bait spreader	18m	45L	2-20kg/ha

The Baitmax has been designed for the spreading/broadcasting of slug bait and similar products, particularly in arable cropping situations. The heavy duty stainless steel frame and Protective casing for the 12V motor ensure it will endure the toughest conditions. Electric shutter motor action automatically stops when it reaches the fully open and closed position to ensure longevity of this part.

*Wiring loom and controller are included as standard enabling you to 'plug and play'.*



More info here!



## MAG 45



### FEATURES:

- 45 Litre hopper capacity
- 25kg caustic or 25kg Urea
- 3 metre spread width, Caustic
- 10 metre spread width, Urea
- Wheel and tyre size 16/6.5 x 8 4-ply
- Overall width – 1190mm
- Loading height – 760mm
- Dry weight 55kg
- Manual spinner engagement
- Alloy spinner and fins
- Stainless steel shutter
- Plastic moulded clip on lid
- Optional Mudguards available, see page 20

### Mag 45 Specs

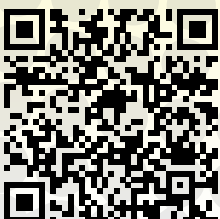
CODE	DESCRIPTION	HOPPER CAPACITY	SPREAD WIDTH
795.SX045	Vogal Mag 45 duster & spreader	45L (1 x 25kg bag)	Caustic = 3m Urea = Up to 10m

The Mag 45 has been designed primarily for spreading Caustic & lime types of product. Dual port triangular discharge apertures allow the Mag 45 to successfully spread grass seed and also various types of fertilisers. The Mag 45's low spinner height makes it perfect for spreading caustic as the product is closer to the pasture hence a more concentrated application and less dust. Agitator is easily removed for hassle free cleaning.

*Fully enclosed front spinner shield prevents magnesium & lime dust spreading forward onto the operator*



*More info here!*



## SPREADMAX 120



### FEATURES:

- 120 Litre hopper capacity
- 2x40kg bags, Urea
- 12 metre spread width, Urea
- 3 metre spread width, Causmag
- Wheel and tyre size 16/6.50 x 8 4-ply
- Overall width – 1500mm
- Loading height – 1090mm
- Dry weight – 74kg
- Manual spinner engagement
- Alloy spinner and fins
- Stainless steel shutter
- Plastic moulded clip on lid
- Optional Mudguards available, see page 20

### Spreadmax 120 Specs

CODE	DESCRIPTION	HOPPER CAPACITY	SPREAD WIDTH
795.SX120	Vogal 120 fertiliser spreader	120L (2 x 40kg Urea)	Urea = 12m Causmag = 3m

The Spreadmax 120 is a base model purpose built fertiliser spreader designed & manufactured with small areas, ease of use & minimal outlay in mind. The 120 is a stable and robust trailed spreader with a fully welded frame and high quality gearbox & bearings. The simple but unique drive system ensures trouble free and reliable operation, whilst the extra wide wheel base ensures the operators safety and stability, particularly on hill sides. The 120 can also be used to spread grass seed and causmag. Agitator is easily removed for hassle free cleaning.

### *Simple Pin Lock drive*



*More info here!*





## SPREADMAX EX120 (EASY LOCK DRIVE)



### FEATURES:

- 120 Litre hopper capacity
- 2 x 40kg bags, Urea
- 12 metre spread width, Urea
- 3 metre spread width, Causmag
- Wheel and tyre size 16/6.50 x 8 4-ply
- Overall width – 1500mm
- Loading height – 1090mm
- Dry weight – 83kg
- Easy Lock drive engagement
- Alloy spinner and fins
- Stainless steel shutter
- Plastic moulded clip on lid
- Optional Side Chute available, see page 18
- Optional Mudguards available, see page 20

*More info here!*



### Spreadmax EX120 Specs

CODE	DESCRIPTION	HOPPER CAPACITY	SPREAD WIDTH
795.EX120	Vogal EX120 fertiliser spreader	120L (2 x 40kg Urea)	Urea = 15m Causmag = 3m

The Spreadmax EX120 is the smallest model in the range with the 'Easy Lock' drive system which engages the spinner from the front of the spreader without having to dismount the ATV, the EX120 also has an adjustable height drawbar which makes it possible to keep the spinner plate level no matter the height of the towing vehicles tow ball, this helps to ensure the best spread pattern is achieved. It is the spec'd up version of the standard 'Spreadmax 120', the agitator is easily removed for hassle free cleaning.

### *Easy Lock Drive system*



## SPREADMAX 240



### FEATURES:

- 120 Litre hopper capacity
- 4 x 40kg bags, Urea
- 12 metre spread width, Urea
- 3 metre spread width, Causmag
- Wheel and tyre size 16/9.50 x 8 4-ply
- Overall width – 1560mm
- Loading height – 1240mm
- Dry weight – 90kg
- Optional Mudguards available, see page 20

### Spreadmax 240 Specs

CODE	DESCRIPTION	HOPPER CAPACITY	SPREAD WIDTH
795.SX240	Vogal 240 fertiliser spreader	240L (4 x 40kg Urea)	Urea = 12m Causmag = 3m

The Spreadmax 240 is similar in design to the Spreadmax 120 as they share the same frame, however the difference lies in the larger hopper (240 litres) and larger wheel size, this provides a large capacity spreader at a budget price. The owner's manual sets out the range of settings to take a lot of the guesswork out of fertiliser calibration. The Spreadmax 240 can also be used to spread grass seed and causmag. Agitator is easily removed for hassle free cleaning.

### Simple Pin Lock drive



More info here!





## SPREADMAX EX240 (EASY LOCK DRIVE)



### FEATURES:

- 120 litre hopper capacity
- 4 x 40kg bags, Urea
- 12 metre spread width, Urea
- 3 metre spread width, Causmag
- Wheel and tyre size 16/9.50 x 8 4-ply
- Overall width – 1560mm
- Loading height – 1240mm
- Dry Weight 92kg
- Easy lock drive
- Adjustable height drawbar
- Optional Side Chute available, see page 18
- Optional Mudguards available, see page 20

### Spreadmax EX240 Specs

CODE	DESCRIPTION	HOPPER CAPACITY	SPREAD WIDTH
795.EX240	Vogal EX240 fertiliser spreader	240L (4 x 40kg Urea)	Urea = 12m Causmag = 3m

Vogal Spreadmax EX240 is a very popular model with reasonable capacity and exceptional stability, packed with many other features including automatic spinner engagement and an adjustable height drawbar to keep the spinner disk level with different height drawbars and an easy to remove agitator for ease of cleaning.

### *Easy Lock Drive system*



*More info here!*



## SPREADMAX 500



### FEATURES:

- 500 litre hopper capacity
- 9 x 40kg bags, Urea
- Alloy spinner disc & fins
- Fully galvanised frame
- Stainless steel shutter
- 20/10 x 8.4 ply tyres
- 1800mm overall width
- 1350mm overall height
- Dry weight 120kg
- Galvanised steel mudguards
- Adjustable height drawbar
- Swivel tow coupling
- PVC hopper cover
- Optional 12V actuator available, see 'Easy spread' on page 20
- Optional GPS guidance & proof of placement available, see 'Guidespread' on page 18
- Optional Side Chute available, see page 18

### Spreadmax 500 Specs

CODE	DESCRIPTION	HOPPER CAPACITY	SPREAD WIDTH
795.SX500	Vogal SX500 fertiliser spreader	500L (9 x 40kg Urea)	Urea = 15m Causmag = 3m

Vogal Spreadmax 500 fertiliser spreaders are ideal for spreading a large range of fertilisers on larger areas of land, with large capacity and stability. The offset hopper transfers weight forward to the machine and is made from industrial grade plastic. Heavy duty galvanised steel mudguards are standard as is the PVC hopper cover. The 500 also has a swivel tow coupling for increased hillside safety along with a wide wheel track. A great machine for spreading larger amounts of fertiliser at minimal outlay.

### *Pin Lock Drive system*





## SPREADMAX EX500 (EASY LOCK DRIVE)



### FEATURES:

- 500 litre hopper capacity
- Easy lock drive model
- Double shutter for off centre spreading
- Automatic spinner engagement
- 9 x 40kg bags, Urea
- Alloy spinner disc & fins
- Fully galvanised frame
- Stainless steel shutter
- 20/10 x 8.4 ply tyres
- 1800mm overall width
- 1350mm overall height
- Dry weight 134kg
- Galvanised steel mudguards
- Adjustable height drawbar
- Swivel tow coupling
- PVC hopper cover
- Optional 12V actuator available, see 'Easy spread' on page 20
- Optional GPS guidance & proof of placement available, see 'Guidespread' on page 18
- Optional Side Chute available, see page 18

### Spreadmax EX500 Specs

CODE	DESCRIPTION	HOPPER CAPACITY	SPREAD WIDTH
795.EX500	Vogal EX500 fertiliser spreader	500L (9 x 40kg Urea)	Urea = 15m Causmag = 3m

The Spreadmax EX500 essentially boasts all of the features of the 500 plus an additional two very useful ones:

- Easy Lock drive – such as all other easy lock models, a proven and painless spinner engagement system.
- Double shutter - dual adjustable shutter means the drop position of the fertiliser onto the spinner disc can be adjusted enabling the spread pattern to be centred to the left or right plus has the ability to compensate & aid accurate placement of varying types of fertilisers. Off centre spreading is very useful when spreading near boundaries & water ways to prevent fertiliser spreading to the side.

#### *Double shutter for off centre spreading*



## SPREADMAX EX750 (EASY LOCK DRIVE)



### FEATURES:

- 750 litre hopper capacity
- Easy lock drive model
- Automatic spinner engagement
- 13 x 40kg bags, Urea (520kg)
- 1 x 500kg bulk bag, Urea
- Alloy spinner disc & fins
- Fully galvanised frame
- Stainless steel shutter
- 20/10 x 8.4 ply tyres
- 1800mm overall width
- 1500mm overall height
- Dry weight 152kg
- Galvanised steel mudguards
- Adjustable height drawbar
- Swivel tow coupling
- PVC hopper cover
- Optional 12V actuator available, see 'Easy spread' on page 20
- Optional GPS guidance & proof of placement available, see 'Guidespread' on page 18

### Spreadmax EX750 Specs

CODE	DESCRIPTION	HOPPER CAPACITY	SPREAD WIDTH
795.EX750	Vogal EX750 fertiliser spreader	750L (13x40kg bags) (1x500kg bag)	Urea = 15m

The vast 750 litre hopper of the EX750 has been designed to easily handle 500kg bulk bags of Urea with ease, Boasting the Easy lock drive system for automatic spinner engagement and safety features such as a wide wheel track and swivel tow coupling. The largest capacity spreader in the Vogal single axle range.

*EX750 comes complete with PVC hopper cover (as do the 500, EX500, TT750 & TPL750 models)*





## SPREADMAX TT750 (EASY LOCK DRIVE)



### FEATURES:

- 750 litre hopper capacity
- 13 x 40kg bags, Urea (520kg)
- Easy Lock drive model
- Automatic spinner engagement
- Tandem axle
- Alloy spinner disc and fins
- Swivel tow coupling
- Fully galvanised frame
- Stainless steel shutter
- 1990mm overall width
- 1500mm loading height
- 180kg unloaded weight
- 20/10 x 8.4 ply tyres
- 15m spread width
- Full opening PVC lid
- Optional 12V actuator available, see 'Easy spread' on page 20
- Optional GPS guidance & proof of placement available, see 'Guidespread' on page 18
- Optional Mudguards available, see page 20

### Spreadmax TT750 Specs

CODE	DESCRIPTION	HOPPER CAPACITY	SPREAD WIDTH
795.SXTT750	Vogal TT750 fertiliser spreader	750 Litres (13x40kg bags) (1x500kg bag)	Urea = 15m

Particularly well suited to very undulating, pugged or soft ground conditions, the TT750's fully oscillating axle absorbs bumps and jars and helps to spread the ground pressure.

Easy Lock drive comes standard on the TT750 along with an adjustable height drawbar & swivel tow coupling for increased safety, making it one of the most user friendly half tonne spreaders.

*The ground pressure of the TT750 is half that of its single axle counterparts due to the pressure being spread over 4 wheels instead of two making it well suited to puggy and soft ground.*



## TPL750



### FEATURES:

- 750 litre hopper capacity
- 13 x 40kg bags, Urea (520kg)
- Full opening PVC lid
- Alloy spinner disc and fins
- Fully galvanised frame
- Stainless steel shutter
- 1400mm overall height
- 1375mm loading height
- 119kg unloaded dry weight
- 15-18m spread width, Urea
- Optional hydraulic shutter, see 'HAC Kit' page 19
- Optional 3 point quick hitch, see 'TPL Quick Hitch' page 19
- Optional GPS guidance & proof of placement available, see 'Guidespread' on page 18

### Spreadmax TPL750 Specs

CODE	DESCRIPTION	HOPPER CAPACITY	SPREAD WIDTH
795.SXTPL750	Vogal TPL750 fertiliser spreader	750 Litres (13x40kg bags) (1x500kg bag)	Urea = 15-18m

Vogal Spreadmax TPL750 3 point linkage spreaders have been carefully designed & engineered to meet requirements of spreading a wide range of fertiliser and to cater for half ton fertiliser bags. The agitator can be easily removed for ease of cleaning the internal parts of the hopper. Very heavy duty build and hot dip galvanised frame means it will last the test of time.

### *TPL750 with HAC Kit & TPL Quick Hitch*



*More info here!*





## GRAINMAX



### FEATURES:

- 500 litre hopper capacity
- Plastic moulded lid
- Fully galvanised lid
- Stainless steel shutter
- Will hold 300kg of barley
- 1500mm overall width
- 1400mm loading height
- 80kg unloaded weight
- Adjustable feed out shutter
- Plastic mudguards
- Flotation tyres
- Pull rope shutter control

### Grainmax Specs

CODE	DESCRIPTION	HOPPER CAPACITY
795.GF500	Vogal Grainmax grain/supplement feeder	500 Litres (300kg Barley)

During winter or drought, the Vogal Grainmax is a great way to conserve expensive supplement feed during times of need, the Grainmax will also feed out larger granulated products such as sheep nuts. The simple & functional design of the Grainmax includes flotation tyres, Mudguards, adjustable feed out controller and a strong plastic hopper all held in a heavy duty galvanised frame with gusseting throughout for extra strength, also fitted with a swivel tow coupling for added safety.

*Heavy duty Galv coated frame for strength and durability*



*More info here!*



## ACCESSORIES

### GUIDESPREAD (GPS GUIDANCE SYSTEM)

#### FEATURES:

- Proof of placement
- Simple to use
- Can be integrated into Easy Spread electric actuator for precision
- 12V
- Range of guidance modes
- Touch screen
- Improve spreading time & accuracy
- Light bar guidance

GPS guidance for proof of placement, print off maps and reports after each use and also use to improve your spreading efficiency's, can also be used across a range of other sprayers and spreaders as well. Can also be integrated into the Easyspread system for even greater benefits, Compatible with all Vogal spreaders.



#### Guidespread Specs

CODE	DESCRIPTION	COMPATIBLE VOGAL SPREADERS
V118	Vogal Guidespread GPS system	Mag 45, 120, EX120, 240, EX240, 500, EX500, EX750, TT750 & TPL750

### SIDE CHUTE

#### FEATURES:

- Ideal for orchards & vineyards
- Precision placement of fertiliser along rows
- Adjustable chute tip
- Tough steel construction to last

For band spreading along orchard & vineyard rows & precision fertiliser placement, adjustable chute tip enables finite precision and minimal fertiliser waste.



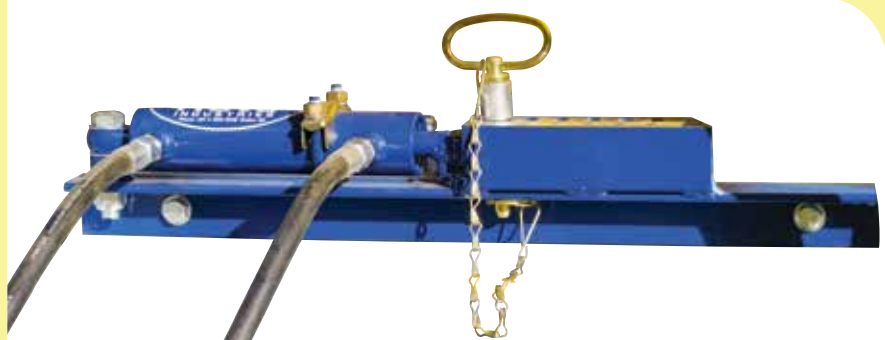
#### Side chute Specs

CODE	DESCRIPTION	COMPATIBLE SPREADERS
V106	Side Chute	EX120 & EX240
V106A	Side Chute	500 & EX500
V107	Side Chute	TPL750

## TPL HAC KIT (HYDRAULIC ACTUATOR CONTROL FOR TPL750)

### FEATURES:

- Easy aperture adjustment from tractor cab
- Fool proof and simple to use
- Tough and rugged so will last the test of time



Hydraulic actuation for the TPL750 spreader, easy aperture adjustment from the cab of the tractor, simply preselect your spread rate and then open and close via the hydraulic system from the comfort of your cab, weather resistant and not affected by water or fertiliser.

### TPL HAC Kit Specs

CODE	DESCRIPTION	COMPATIBLE SPREADER
V122	Vogal TPL Hydraulic actuator control	TPL750

## TPL QUICK HITCH

### FEATURES:

- Hassle free hitching and de-hitching of 3PL implements
- Category 2 rated
- Strong design

Making hitching and de hitching of 3PL attachments and spreaders effortless and easy, simply back up to the machine, pull the latch rope and lift the linkage arms to connect.



### TPL Quick Hitch Specs

CODE	DESCRIPTION	COMPATIBLE SPREADER
V123	Vogal TPL Quick Hitch	TPL750



## EASYSREAD (12V SHUTTER CONTROLLER)

### FEATURES:

- Easy aperture adjustment from the ATV/UTV seat
- Can be integrated into Guidespread system for precision & proof of placement
- Simple spread rate selection and shutter control

12V electric actuator for a selection of Vogal spreaders. Simply select your desired spread rate on the controller and flick the switch to open the shutter plate to begin spreading and switch off to shut the aperture, or select a different spread rate at your own desire all while staying on the atv/utv.



### Easyspread Specs

CODE	DESCRIPTION	COMPATIBLE SPREADERS
V117A	Vogal Easyspread 12V shutter control	500, EX500, EX750 & TT750

## MUDGUARDS

### FEATURES:

- For Mag 45, 120, EX120, 240, EX240 & TT750
- Ideal for keeping mud off the operator
- Manufactured from Steel plate and galvanised
- Heavy duty & strong

Mudguards for Vogal Spreaders that do not have them included as standard, Vogal mudguards are plate steel, gusseted and bolted onto the spreader frame. (Mudguards are standard on the 500, EX500 & EX750)



### Mudguard Specs

CODE	DESCRIPTION	COMPATIBLE SPREADERS
V101	Mudguards	Mag 45
V101	Mudguards	120 & EX120
V101	Mudguards	240 & EX240
V101	Mudguards	TT750

## BAITMAX AUTO ON/OFF KIT

Baitmax auto on/off kit is for mounting to seed drills for automatic switching on and off when drilling, automatically spreads when the drill is in the ground but when the drill is lifted out of the ground at the headland the sensors automatically sense and stop the spreader, thus conserving slug bait and preventing unnecessary broadcasting.



### Vogal Baitmax auto on/off kit Specs

CODE	DESCRIPTION
795.BM45K	Auto on/off kit for Vogal Baitmax

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## NOTES

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