

# SPREADERS



**SPREADERS**  
*Farming for the Future*



Anti-compaction grids are used to help prevent product packing down on the belt. Standard in the 12.0m<sup>3</sup> unit.



Cross conveyor option available with single or double side delivery. An option of a "paddle" applicator is also available.



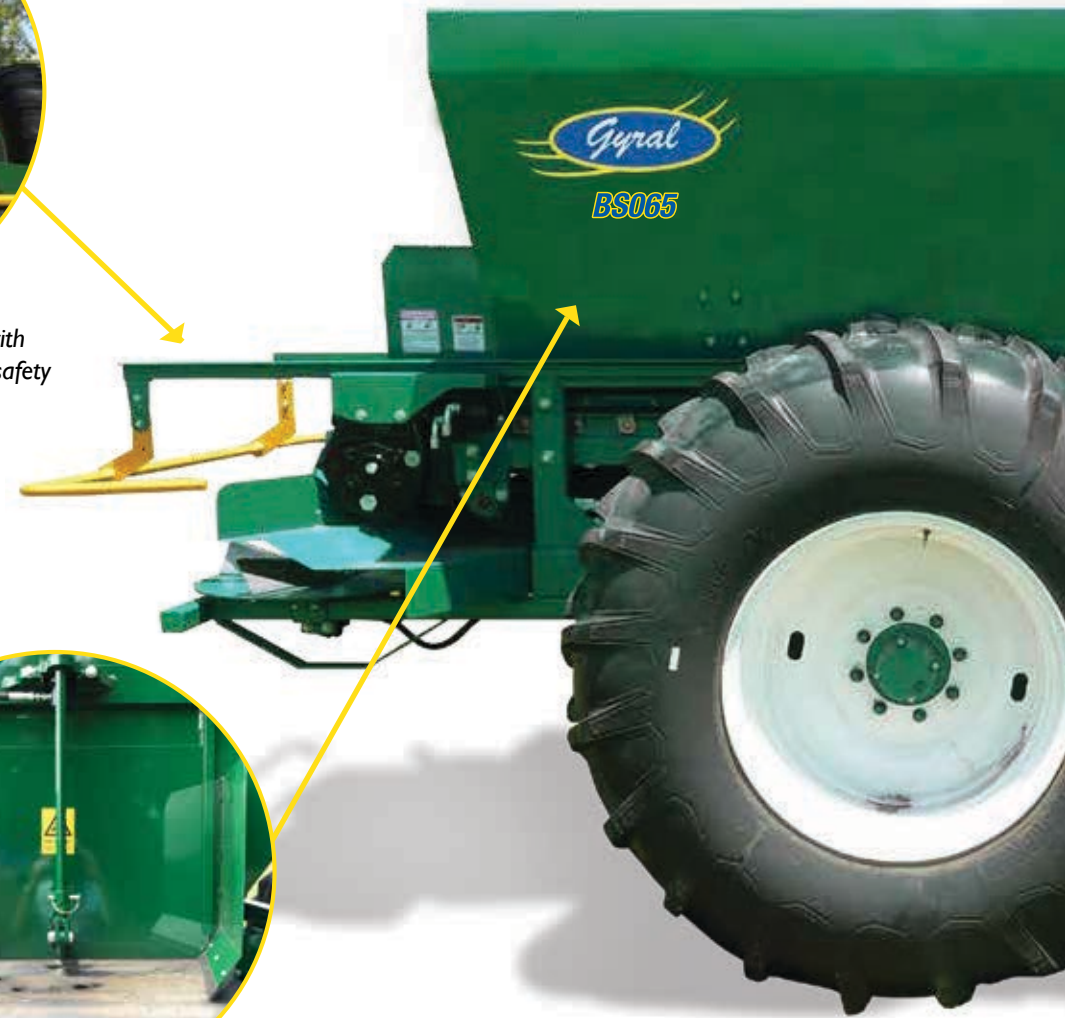
Load cell kit option available for BS050, BS065 and BS120 models.



Efficient delivery twin spinners, with protection from underneath and a safety guard for operators



Discharge opening 760mm wide to allow for easy flow of fertiliser, manure and compost.







Gyrat

# BELT SPREADER



Inspection window

## FEATURES

- Twin spinners are hydraulically operated and are controlled from within the cab
- High build spec with good chemical and corrosive resistance on interior of bins
- Optional roll-over tarp and hungry boards can be fitted



In-cab monitor to display spinner speed and belt rotations.



Rear door is hydraulically operated and manually pre-set for easy calibration with a visual gauge.



Highly durable rubber conveyor belt multi-roller supported with steel plated roller drive. Hydraulic drive standard, with optional ground wheel drive.

# BELT SPREADER SPECIFICATIONS

## OPTIONAL EQUIPMENT

### BS025 SERIES

**Anti Pack Grid:** Parallel Slats  
**Cover:** Vinyl Clip On  
**Side Dresser:** Double spinner  
**Cross Elevator:** Single or double sided  
**High Capacity Bin Extensions:** 0.75m<sup>3</sup> (160mm high)  
**Hydraulic Drive:** PTO pump and tank  
**Ground Drive**

### BS050 SERIES

**Anti Pack Grid:** Parallel Slats  
**Cover:** Roll - Over  
**Side Dresser:** Double spinner  
**Cross Elevator:** Single or double sided  
**High Capacity Bin Extensions:** 1.6m<sup>3</sup> (240mm high)  
**Hydraulic Drive:** PTO pump and tank  
**Wheel Spacings:** 3.0m  
**Ground Drive**  
**Load Cells**

### BS065 SERIES

**Anti Pack Grid:** Parallel Slats  
**Cover:** Roll - Over  
**Side Dresser:** Double spinner  
**Cross Elevator:** Single or double sided  
**High Capacity Bin Extensions:** 2.0m<sup>3</sup> (240mm high)  
**Hydraulic Drive:** PTO pump and tank  
**Wheel Spacings:** 3.0m  
**Ground Drive:** 2.1m wheel centres  
**Load Cells**

### BS120 SERIES

**Anti Pack Grid:** Standard  
**Cover:** Roll - Over  
**Side Dresser:** Double spinner  
**Cross Elevator:** Single or double sided  
**High Capacity Bin Extensions:** 4.3m<sup>3</sup> (340mm high)  
**Hydraulic Drive:** PTO pump and tank  
**Ground Drive**  
**Load Cells**

## BELT SPREADER STANDARD SPECIFICATIONS

MODEL	BS025 SERIES	BS050 SERIES	BS065 SERIES	BS120 SERIES
Hopper Capacity	2.5m³	5.0m³	6.5m³	12.0m³
Max Load Capacity	3,000kg	6,000kg	8,000kg	16,000kg
Overall Length	5320mm	5320mm	6470mm	6990mm
Overall Width	2340mm	2485mm	2730mm	3500mm
Overall Height (Indicator)	1575mm	2545mm	3095mm	3390mm
Hopper Length	2790mm	3165mm	3970mm	4415mm
Hopper Width	1700mm	2110mm	2110mm	2892mm
Hopper (Load) Height	1565mm	2275mm	2600mm	3030mm
Net Weight	1,300kg	1,950kg	2,900kg	4,200kg
Frame Size	125mm x 75mm x 5mm	150mm x 100mm x 6mm	150mm x 100mm x 9mm	200mm x 100mm x 9mm
Safety Guard	Rear Bumper and Personnel Guard			
Wheels - Standard	13.0/65x18" Flotation Tyre	18.4x26" Gripster Tyre	24.5x32" Gripster Tyre	500/60x22.5" Flotation Tyre
Axle	Single			Tandem
Wheel Spacings	2.0m Wheel Crs	2.0m Wheel Crs	2.0m Wheel Crs	3.0m Wheel Crs
Belt Width	800mm wide			
Belt Drive - Standard	Hydraulic Drive			
Belt Support & Roller Ass'y	Full width steel rollers fitted with stainless steel shafts and austlon bushes			
Belt Protection	3 stage, full belt width contact cleaning system for trouble free operation			
Belt Speed Variation	Hydraulic flow control on Hydraulic Drive Model / Sprocket or Gear selection on Ground Drive			
Belt Drive - Drum	180mm diameter slatted drum		280mm diameter slatted drum	
Roller Drum Adjustment	Screw adjuster			
Discharge Opening	760mm x 300mm	760mm x 310mm	760mm x 510mm	
Spreading Quantities	Consistent for trace elements through to manures			
Spreading Width	Up to 30 metres	Up to 36 metres		
Rear Door	Hydraulically operated, manually pre-set for easy calibration with visual gauge			
Spinners	720mm dia. hydraulic spinners with fully adjustable stainless steel flights – electric speed sensor			
Spinner Drive	Hydraulic (bottom mounted)			
Spinner Speed	600 to 900rpm	600 to 900rpm	600 to 900rpm	
Tractor Power Requirement	50kw (70hp)	75kw (100hp)	90kw (120hp)	
Max Working Speed	25kph			
Max Road Speed	40kph			
Min. Oil Flow Requirements* (Hydraulic Drive Belt)	45L/min	55L/min	90L/min	
Hydraulic Banks Required	2 if hydraulic drive, or 1 if ground drive			

\* Minimum Oil Requirements are derived from a combination of spinner speed & belt speed.

# MANURE SPREADER SPECIFICATIONS

## BELT SPREADER STANDARD SPECIFICATIONS

MODEL	MS080 SERIES
Hopper Capacity	8.0m <sup>3</sup>
Max Load Capacity	9,000kg
Overall Length	5610mm
Overall Width	2400mm
Overall Height	2600mm
Tare Weight (GVM)	2500kg
Frame Size	150mmx100mm RHS
Wheels	2x 400/55-22.5
Axle	Single
Body	Pressed Steel
Floor	25mm Linseed Oil Treated Hardwood
Cross Slats	50mm x 25mm channel
Floor Delivery System	3 Travelling Chains
Floor Delivery Drive	Hydraulic Motor to reduction gearbox. Variable Speed including reverse
Discharge System	Twin vertical beaters – 3 flute
Discharge System Drive	PTO Drive with CV Joint and heavy duty slip clutch
Tail Gate	Steel door with hydraulic lift
Spreading Materials	Manure, silage and feedlot material; also soils and mulch
Spreading Width	Up to 7m
Spread Rate Controls	Hydraulic controlled rear door
Tractor Power Requirement	80kw (105hp)
Max Transport	25kph
Min. Oil Flow Requirements	35 litres per minute minimum requirement for optimal performance

## OPTIONAL EQUIPMENT

### MS080 SERIES

**Hydraulic Drive:** PTO Pump and Tank







Positive chain floor delivery system onto the beaters.



Robust axle assembly.



Hydraulic driven heavy duty reduction box for floor chain drive.



*Gyrat*

# MANURE SPREADER



*High build epoxy protective coating with good chemical and corrosive resistance on interior of bins.*



Steel discharge door controlled by hydraulic lift.



Vertical Beaters.



High tensile floor chains on hardwood floors.



# Farming for the Future

Excel Agriculture stands behind its products. We offer service support nationwide, to keep your equipment running efficiently.

The Excel team consists of fully-trained, experienced people who have been around the product range since the onset of the design conception.

We carry a comprehensive range of spare parts with stock in various locations as we understand the importance of ongoing support and peace of mind for your Excel equipment.

## OTHER PRODUCTS

- Broadacre Equipment
- Inter Row Cultivator
- Fertiliser Rig
- Side Busters / Centre Busters
- Cultipackers
- Airseeders
- Belt Spreader
- Manure Spreader

**Excel Agriculture, a family owned company with traditional family business values.**

**We believe in the values of service, quality and trust.**



**EXCEL**  
**Agriculture**

[www.excelagr.com.au](http://www.excelagr.com.au)

P.O. Box 665  
74 – 92 Buckland Street  
Toowoomba Qld 4350

Ph: (07) 4636 9100  
Fax: (07) 4636 9140

Great Western Corporation Pty Ltd ABN 91 064 434 475



[www.gyral.com.au](http://www.gyral.com.au)