

# Bunning®

AGRICULTURAL ENGINEERS FOUNDED 1906

A comprehensive range of spreaders for  
the application of a wide variety of materials



Manufactured in America by:  
**NORWOOD**  
Sales Inc.

## North America

### Manure Spreaders



Bunning Spreaders North America

[www.gtbunning.com](http://www.gtbunning.com)



# Model Ranges

*\*HBD = Horizontal Beaters & Discs*

*\*TVA = Twin Vertical Auger*



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## Lowlander Farmstar® TVA

1 Model (80)

10 ton capacity

Body width: 59"

350 cubic feet heaped

HP requirement: 80-100

## Lowlander® Mk4 TVA

1 Model (105)

14 ton capacity

Body width: 59"

618 cubic feet heaped

HP requirement: 100-140



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Page 8

## Lowlander Widebody® TVA

3 Models (180, 230, 380HD)

20 - 42 ton capacity

Body width: 72"

730 - 1413 cubic feet heaped

HP requirement: 165-400

## LoPro Widebody® TVA

2 Models (670, 780)

22 - 24 ton capacity

Body width 72"

670 - 780 cubic feet heaped

HP requirement: 225-325



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## Lowlander Widebody® HBD

2 Models (230, 380HD)

25 - 42 ton capacity

Body width: 72"

918 - 1413 cubic feet heaped

HP requirement: 225-400



# Standard Features

## Horse shoe braced cutters



The horse shoe brace retains the cutter reducing the chance of them being knocked off or becoming loose.

## Double acting hydraulic guillotine end gate



An extremely strong design and construction ensures that the gate can be used as a grading device for light applications of materials as well as a device for retaining liquid slurry products.

## Drop down cleaning covers



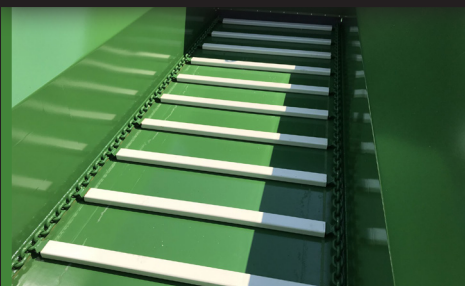
To help clean out the deck area around the bottom of the augers. These covers can be opened to allow material and water to flow out.

## Automatic light covers



Machines fitted with end gates have automatic light covers as standard. A simple mechanism triggered by the end gate, moves the cover over the lights as the end gate begins to open.

## Full width floor slats



Full width floor slats clear the whole floor eliminating the possibility of bridging. The socket fit design facilitates maintenance, which can be carried out in the field.

## Lift off augers



To enable the machine to be used for other jobs the auger assembly can be removed for the faster unloading of products such as grass, maize, silage and even grain.

## Wide angle PTO assembly



The wide angle joint allows for turning on headlands with the PTO still engaged. It should be noted that manufacturers recommend that you do not turn with the PTO under load.

## Ground level greasing



Easy greasing of top bearings via low level greasing points.

## Floor tensioning system



A robust, simple and reliable floor tensioning system ensures floor chain tension can be easily adjusted in order to be kept to its optimum setting.





## Lowlander Farmstar® 80 TVA

- The Farmstar line is specifically designed for the smaller Farmer, the Farmstar 80 incorporates many features from the Lowlander Mk4 range.
- Cubic capacity for the Farmstar 80 is 360 cu ft with extension sides.
- The standard machine is well equipped to spread a variety of materials. A catalog of optional equipment compliments the basic unit allowing it to be tailored to more specific applications.

Tandem axle with sprung suspension



Sprung tandem axles with 15/70R18 wheel assemblies give a low loading height and a smooth ride over tough terrain.





### Floor drive gearbox (350 series)



Hydraulically driven to ensure an even feed of material to the spreading mechanism at all times. With a reverse feature, any foreign object too large to pass through beaters can be easily removed.

### Robust one piece SRT8 gearbox



The precision machined castings house heat treated components to keep them perfectly aligned. Internal gear-sets are unique to Bunning and ensure the auger speeds are optimized to achieve excellent spread patterns.

### 2" Floor shafts and bushings



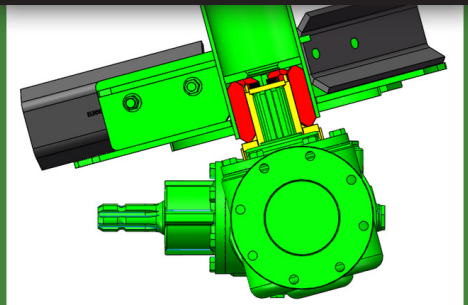
2" Floor shafts rotate through fiber re-enforced composite bushings that contain a solid graphite filler. Chosen for their high load applications in a variety of environments, greasability further extends life.

### 5/8" Floor chains



5/8", Grade 80, Heavy duty chains are drawn by high tensile sprockets, which are fitted to the front shaft as well as the driven rear shaft, ensuring perfect alignment and timing of the chains. Each chain has a 35 Ton breaking certificate.

### Rubber cushion drive coupling



Especially developed to reduce shock loads to the auger drive gearbox, the rubber cushion arrangement located between the output shaft of the auger gearbox and the base of the auger contributes to the reliability and longevity of the machine.

### Twin dynamically balanced beaters



Twin 27" diameter dynamically balanced vertical augers made from heat treated BORON steel to improve strength and service life. Horseshoe braced hardened BORON cutter points are bolted and supported along all edges.

### 9.45" Bolt on extension sides



Bolt on 9.45" steel extension sides.





## **Lowlander® Mk4 105 TVA**

- Originally developed circa 1990, the Lowlander's well proven abilities and features have secured its position as the forefront of today's market. Its popularity has not only been realized within the UK, but globally.
- The Lowlander Mk4 is named after its gradual and incremental evolution. It incorporates state of the art technologies as part of a sound overall design to guarantee the user satisfaction in ever competitive markets.
- Key qualities of this spreader are its simplicity, durability and ultimately its reliability.
- As a standard machine, the Lowlander® Mk4 is perfectly equipped for general every day usage. Its versatile nature ensures that all materials can be handled very effectively. Whatever the demands of the job, the Lowlander® Mk4 can deliver.





Shown with Detachable Spinner Deck (Optional)

### Floor drive gearbox (500 series)



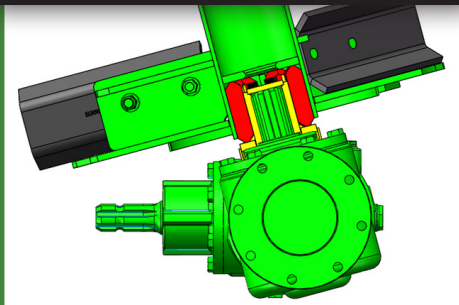
Hydraulically driven to ensure an even feed of material to the spreading mechanism at all times. With a reverse feature, any foreign object too large to pass through beaters can be easily removed.

### Robust one piece SRT12 gearbox



The precision machined castings house heat treated components to keep them perfectly aligned. Internal gear-sets are unique to Bunning and ensure the auger speeds are optimized to achieve excellent spread patterns.

### Rubber cushion drive coupling



Especially developed to reduce shock loads to the auger drive gearbox, the rubber cushion arrangement located between the output shaft of the auger gearbox and the base of the auger contributes to the reliability and longevity of the machine.

### Twin dynamically balanced beaters



Twin 27" diameter dynamically balanced vertical augers made from heat treated BORON steel to improve strength and service life. Horseshoe braced hardened BORON cutter points are bolted and supported along all edges.

### 2" Floor shafts and bushings



2" Floor shafts rotate through fiber re-enforced composite bushings that contain a solid graphite filler. Chosen for their high load applications in a variety of environments, greasability further extends life.

### 5/8" Floor chains



5/8", Grade 80, Heavy duty chains are drawn by high tensile sprockets, which are fitted to the front shaft as well as the driven rear shaft, ensuring perfect alignment and timing of the chains. Each chain has a 35 Ton breaking certificate.

### Built in flared extensions



Built in flared extension sides add considerable carrying capacity to machines.



**Lowlander Widebody® 180 TVA**



**Floor drive gearbox  
(800 series)**



Hydraulically driven to ensure an even feed of material to the spreading mechanism at all times. With a reverse feature, any foreign object too large to pass through beaters can be easily removed.

**Lowlander Widebody® 230 TVA**



**Robust one piece  
SRT18 gearbox**



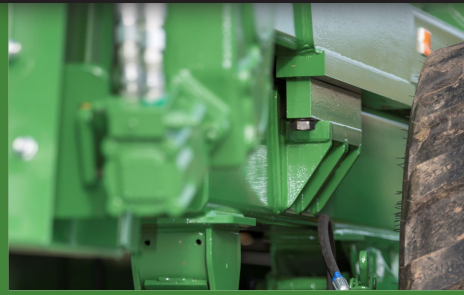
The precision machined castings house heat treated components which are kept perfectly aligned. Internal gear-sets are unique to Bunning and ensure the auger speeds are optimized to achieve excellent spread patterns.

## **Lowlander Widebody® 180, 230 TVA**

- With capacities ranging from 742 to 918 cu ft the Lowlander Widebody range is most suited for middle to larger HP tractors. Available in single and tandem builds, the Widebody can carry up to 25 tons. With twin 34" diameter shredding augers as standard all types of material can be spread accurately and evenly up to 66 ft wide.
- The fully welded construction ensures long life and unmatched residual values. With an 6 ft internal body width, the proven dual chain full width floor system is used throughout the range, further increasing reliability, performance and strength.



### Weigh cell ready



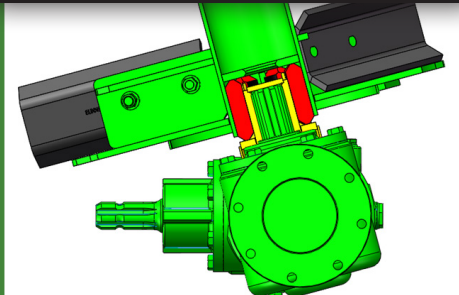
Weigh cell ready is a standard feature on all Widebody and LoPro spreaders.

### Built in flared extensions



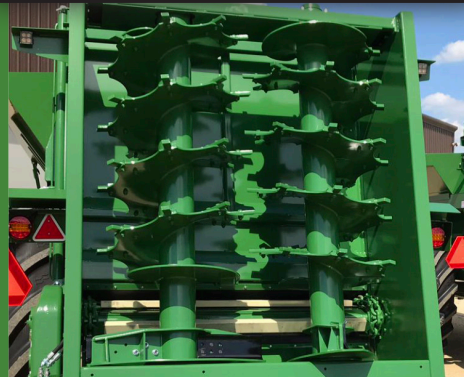
Built in flared extension sides add considerable carrying capacity to machines.

### Rubber cushion drive coupling



Especially developed to reduce shock loads to the auger drive gearbox, the rubber cushion arrangement located between the output shaft of the auger gearbox and the base of the auger contributes to the reliability and longevity of the machine.

### Twin dynamically balanced beaters



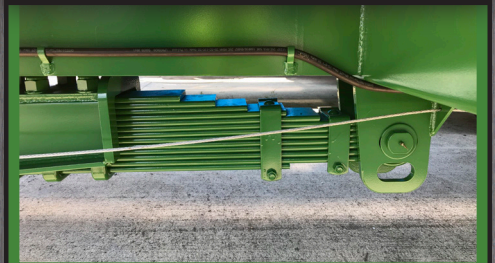
Twin 34" diameter dynamically balanced vertical augers made from heat treated Boron steel to improve strength and service life. Horseshoe braced hardened cutter points are bolted and supported along all edges.

### Heavy duty T80 drive line



The PTO drive line uses heavy duty T80 shafts with 1-3/4" splined connections suited for heavy, demanding materials.

### Sprung drawbar



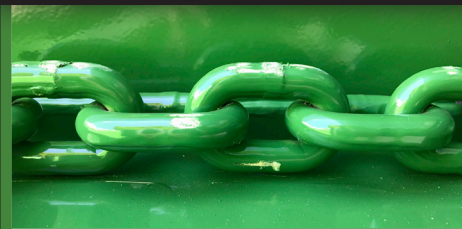
The sprung drawbar reduces vibrations, rattling, and strain on the tractor, while also limiting jerking and jarring resulting in greater control of the spreader.

### 2-3/8" Floor shafts and bushings



2-3/8" Floor shafts rotate through fiber re-enforced composite bushings that contain a solid graphite filler. Chosen for their high load applications in a variety of environments, greasability further extends life.

### 3/4" Floor chains



3/4", Grade 80, Heavy duty chains are drawn by high tensile sprockets, which are fitted to the front shaft as well as the driven rear shaft, ensuring perfect alignment and timing of the chains. Each chain has a 55 Ton breaking certificate.

### Spinner deck ready



Spinner deck ready is standard, allowing a detachable spinner deck to be fitted in the future. Includes a through drive gearbox, mounting hooks and clamps.





## **Lowlander Widebody® 380HD TVA**

- The Widebody 380 HD TVA was developed for large scale farmers and Custom operators in North America and Australia. It's 1413 cu ft capacity and 44 Ton design load make it the machine of choice for the most demanding operations. With twin 34" diameter hardened Boron beaters all types of manure and waste can be spread accurately and evenly up to 66 ft wide.
- The fully welded construction ensures long life and unmatched residual values. Using an internal body width of 6 ft and a proven dual chain apron system with heavy duty socket fit slats the 380 HD delivers reliability, high performance and class leading strength.





*\* Lowlander Widebody® 380HD TVA includes all features from Lowlander Widebody® 230 TVA and the features below \**

### Dual floor drive



Dual floor drive consists of (2) 800 series floor drive gearboxes positioned on each side of the spreader, this allows heavier materials to be spread.

### Robust one piece SRT20 gearbox



The SRT 20 gearbox offers increased strength for improved longevity and durability in the toughest of conditions.

### Plastic floor



Plastic floor virtually eliminates the possibility of product sticking to the floor of the spreader. It can also improve flow of high friction products.

### Tri axle sprung suspension



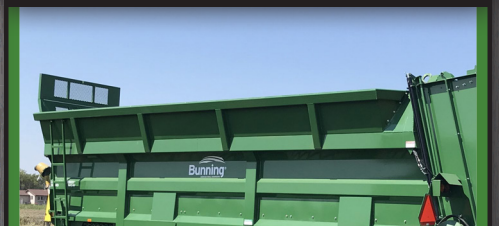
53 ton leaf spring suspension improves ride comfort and weight distribution on uneven ground.

### Steering axles



Front and rear self-steering axles reduce the scrub on tires and damage on grassland when turning.

### Bolt on flared extensions



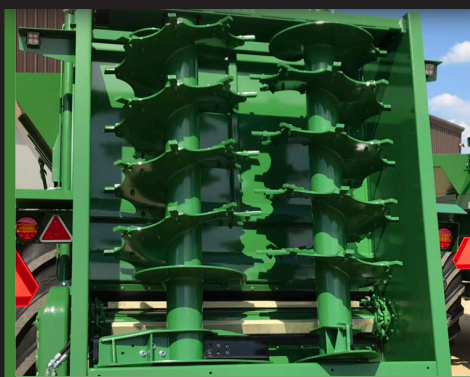
Bolt on flared extension sides add considerable carrying capacity to machines.



LoPro Widebody® 670 TVA



Twin dynamically balanced beaters



Twin 34" diameter dynamically balanced vertical augers made from heat treated Boron steel to improve strength and service life. Horseshoe braced hardened cutter points are bolted and supported along all edges.

LoPro Widebody® 780 TVA



\* Shown with Silage Side Extensions (Optional) \*

Weigh cell ready



Weigh cell ready is a standard feature on all Widebody and LoPro spreaders.

## LoPro Widebody® 670, 780 TVA

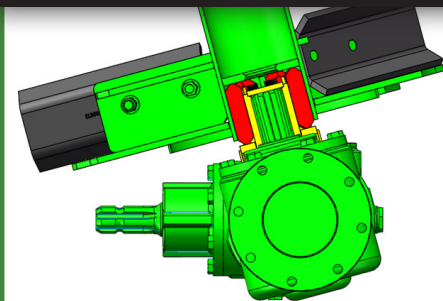
- The LoPro Widebody® Manure Spreaders are the newest designs in the Bunning spreader line. The low profile height allows these spreaders to be loaded on a smaller scale with a skid steer. The LoPro spreaders use the same materials as the Widebody 180 and 230 incorporated onto a tandem axle frame that was specifically designed for American farmers
- The two variations, 670 & 780, represent the cubic feet heaped through twin vertical augers. The Widebody spreaders are engineered to handle all manure types and other materials, such as straw bedding, lime and fertilizer.
- Variable floor speed control allows the user to fine-tune the rate of spread and can attain a spread width of up to 66 ft.





Low profile, high capacity design ideal for all sizes of operations

### Rubber cushion drive coupling



Especially developed to reduce shock loads to the auger drive gearbox, the rubber cushion arrangement located between the output shaft of the auger gearbox and the base of the auger contributes to the reliability and longevity of the machine.

### Floor drive gearbox (800 series)



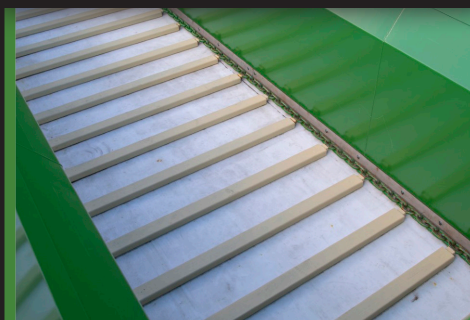
Hydraulically driven to ensure an even feed of material to the spreading mechanism at all times. With a reverse feature, any foreign object too large to pass through beaters can be easily removed.

### Robust one piece STR18 gearbox



The precision machined castings house heat treated components which are kept perfectly aligned. Internal gear-sets are unique to Bunning and ensure the auger speeds are optimized to achieve excellent spread patterns.

### Plastic floor



Plastic floor virtually eliminates the possibility of product sticking to the floor of the spreader. It can also improve flow of high friction products.

### 2-3/8" Floor shafts and bushings



2-3/8" Floor shafts rotate through fiber re-enforced composite bushings that contain a solid graphite filler. Chosen for their high load applications in a variety of environments, greasability extends life further.

### 3/4" Floor chains



3/4", Grade 80, Heavy duty chains are drawn by high tensile sprockets, which are fitted to the front shaft as well as the driven rear shaft, ensuring perfect alignment and timing of the chains. Each chain has a 55 Ton breaking certificate.

### Heavy duty tandem axle, rigid walking beam



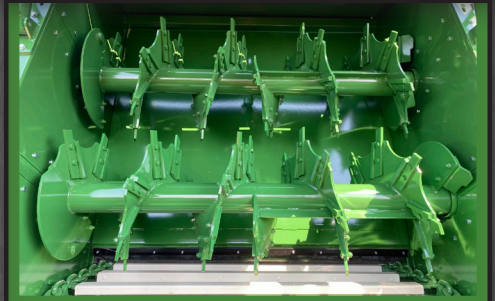
Rigid walking beam offers strength and reliability in the toughest of conditions.



Lowlander Widebody® 230 HBD



Horizontal dynamically balanced beaters



Twin 27" diameter dynamically balanced horizontal beaters made from heat treated Boron steel to improve strength and service life. Reversible hardened cutter points are bolted and supported along the back edge.

Lowlander Widebody® 380HD HBD



Heavy duty beater drive



Heavy duty roller chains incorporate solid rollers and bushings. Automatic cam driven oiler keeps the chains and sprockets lubricated.

## Lowlander Widebody® 230, 380HD HBD

- Twin 27" dynamically balanced horizontal beaters have laser cut 3/8" heat treated **BORON** steel flighting to improve strength and service life. Reversible hardened cutters manufactured using **BORON** steel are bolted and supported along the back edge, shred products giving an even and consistent feed on to the spinning discs.
- The Horizontal Beaters & Discs Range is a spreading mechanism option in the Lowlander® Widebody 230 and 380HD manure spreader.



### Hydraulic opening rear canopy



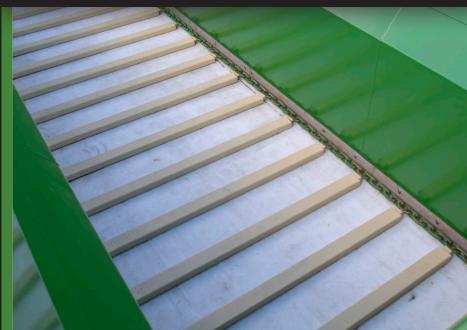
The rear canopy can be opened hydraulically to enable the machine to make windrows for composting or for ease of maintenance.

### Large diameter spinning discs



43-5/16" Diameter HARDOX spinning discs are fitted with multi-position BORON reversible spreading blades.

### Plastic floor



Plastic floor virtually eliminates the possibility of product sticking to the floor of the spreader. It can also improve flow of high friction products.

### Floor drive gearbox (RT1000 series)



Hydraulically driven to ensure an even feed of material to the spreading mechanism at all times. With a reverse feature, any foreign object too large to pass through beaters can be easily removed.

### Adjustable blade position



To fine tune spread patterns, the angle of the blades on the disc can be adjusted through 5 positions.

### One piece HBD gearbox



Heavy duty, one piece, disc drive gearbox has 2-1/8" diameter, heat treated output shafts. The precision machined gearbox castings ensure perfect alignment of all drive line components.

### 2-3/4" Floor shafts and bushings



2-3/4" Floor shafts rotate through fiber re-reinforced composite bushings that contain a solid graphite filler. Chosen for their high load applications in a variety of environments, greasability extends life further.

### Adjustable drop on point



The lower section of the rear canopy is adjustable to help achieve the correct spread pattern with different products.

### Weigh cell ready



Weigh cell ready is a standard feature on all HBD spreaders.

### 3/4" Floor chains



3/4", Grade 80, Heavy duty chains are drawn by high tensile sprockets, which are fitted to the front shaft as well as the driven rear shaft, ensuring perfect alignment and timing of the chains. Each chain has a 55 Ton breaking certificate.



# So, why choose Bunning Manure Spreaders?

- 3 YEAR MANUFACTURERS WARRANTY!
- Fully welded construction.
- Twin Dynamically balanced Augers / Beaters.
- Over 100 years of farming and engineering experience.
- A worldwide proven product, working in conditions from -40° F to +104° F.
- Built with high strength materials like heat treated Boron steel and Hardox steel.  
Making it the toughest machine on the market
- Market leading spread pattern, gained from 30 years of manure spreader development.
- Optional automatic and GPS controlled weighing and distribution technology for accurate results.
- Low cost of ownership with great residuals.
- 5/8" & 3/4" Grade 80 certified lifting chain.
- Powder coat paint with epoxy primer.
- Rubber cushion auger drive to protect the gearbox from shock loads.

## As seen on: *Top Gear*

**GT Bunning and Sons** would like to thank the **BBC** and **Top Gear** for showcasing the Lowlander Widebody 380HD.  
Can an industrial manure spreader crush a Volvo?

"It spreads stuff...  
all over the place!"  
-Mat LeBlanc, *Top Gear*



**SCAN the QR  
code to see!**







# Options

## ISOCAN Weigh Cell System



The Topcon Apollo spreader controller has all the features for today's farming techniques. The standalone ISOCAN screen enables independent control of spreader with only 12 Volt power required from tractor

- 80 TVA ○
- 105 TVA ○
- 180 TVA ●
- 230 TVA ●
- 380HD TVA ●
- 670 TVA ●
- 780 TVA ●
- 230 HBD ●
- 380 HBD ●

## ISOBUS ECU only Weigh Cell System



ISOBUS ECU only weigh cell system – The Topcon Apollo spreader controller has all the features for today's farming techniques. ISOBUS ECU only is a "plug and play" system that requires a 3rd party ISOBUS screen in the tractor to control the spreader.

- 80 TVA ○
- 105 TVA ○
- 180 TVA ●
- 230 TVA ●
- 380HD TVA ●
- 670 TVA ●
- 780 TVA ●
- 230 HBD ●
- 380 HBD ●

## NT560 Weigh System Basic



The NT560 system gives you a live application rate based on weight coming off the weigh cells. To achieve your desired rate, forward speed can be increased/decreased or floor speed adjusted to suit. Spread data is recorded by manual button on/off.

- 80 TVA ○
- 105 TVA ○
- 180 TVA ●
- 230 TVA ●
- 380HD TVA ●
- 670 TVA ●
- 780 TVA ●
- 230 HBD ●
- 380 HBD ●

## NT560 Weigh System with Auto log & GPS



Includes all the same features as the NT560 weigh system basic. The Auto log feature enables automatic recording of data when PTO is engaged. The GPS function records a map of applied product that can be downloaded and viewed on a computer.

- 80 TVA ○
- 105 TVA ○
- 180 TVA ●
- 230 TVA ●
- 380HD TVA ●
- 670 TVA ●
- 780 TVA ●
- 230 HBD ●
- 380 HBD ●

## Steel HD Clevis Hitch



Option to fit a wide range of tractor hitches that aren't compatible with our standard hitch.

- 80 TVA ●
- 105 TVA ●
- 180 TVA ●
- 230 TVA ●
- 380HD TVA ●
- 670 TVA ●
- 780 TVA ●
- 230 HBD ●
- 380 HBD ●

## Hydraulic Suspension & Drawbar



Increases stability, comfort and handling on uneven ground, loaded and unloaded. The addition of a lifting front axle aids in weight transfer and reduces wear. Hydraulic drawbar enhances operator comfort and gives precise machine leveling so weight is spread evenly over all axles.

- 80 TVA ○
- 105 TVA ○
- 180 TVA ○
- 230 TVA ○
- 380HD TVA ●
- 670 TVA ○
- 780 TVA ○
- 230 HBD ○
- 380 HBD ●

TVA						HBD	
80	105	180	230	380HD	670	780	230

### Tire Upgrades

Alliance 710/70 R38	○	●	○	○	○	○	○	○	○
Alliance 650/65 R30.5	○	○	○	●	●	○	○	●	●
Michelin 650/65 R30.5	○	○	○	●	●	○	○	●	●
Michelin 650/55 R26.5	○	○	○	●	●	○	○	●	●
Goodyear 710/40 R22.5	○	○	○	○	○	○	●	○	○

### PTO Upgrades

1-3/8" 21 Spline, Cam Clutch	●	●	●	○	○	○	○	○	○
1-3/4" 20 Spline, Cam Clutch	○	○	●	●	○	○	○	●	○
1-3/8" 21 Spline, Shear Bolt	○	○	○	○	○	●	●	○	○
1-3/8" 21 Spline, Clutch	○	○	○	○	○	●	●	○	○
1-3/4" 20 Spline, Clutch	○	○	○	○	○	●	●	○	○

○ Unavailable

● Available

STD Standard for this model



# Options (Continued)



## Spinner Deck

Detachable spinner deck can be attached to the rear of a vertical auger spreader in just a few minutes. Once fitted, products such as chicken manure, composts and lime can be spread evenly and accurately at low application rates.

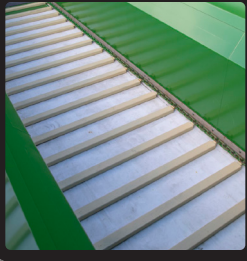
80 TVA	○
105 TVA	●
180 TVA	●
230 TVA	●
380HD TVA	●
670 TVA	●
780 TVA	●
230 HBD	○
380 HBD	○



## Dual Floor Drive

The option to upgrade to Dual 800 series floor drive gives higher torque to aid in spreading dense materials, especially sludge cake.

80 TVA	○
105 TVA	○
180 TVA	●
230 TVA	●
380HD TVA	STD
670 TVA	●
780 TVA	●
230 HBD	○
380 HBD	○



## Plastic Floor

Plastic floor virtually eliminates the possibility of products sticking to the floor of the spreader. It can also improve the flow of products with high friction values. The material is extremely durable.

80 TVA	○
105 TVA	○
180 TVA	●
230 TVA	●
380HD TVA	STD
670 TVA	STD
780 TVA	STD
230 HBD	STD
380 HBD	STD



## Spinner Deck Ready

A through drive gearbox, hooks for spinner deck and clamps are included.

80 TVA	○
105 TVA	○
180 TVA	STD
230 TVA	STD
380HD TVA	STD
670 TVA	●
780 TVA	●
230 HBD	○
380 HBD	○



## Simple Canopy

Designed for use when spreading low applications of products like Lime and chicken litter, the canopy ensures that all material is spread by the bottom auger blades.

80 TVA	●
105 TVA	●
180 TVA	●
230 TVA	●
380HD TVA	●
670 TVA	●
780 TVA	●
230 HBD	○
380 HBD	○



## End Gate Height Indicator

This options allows the operator to monitor door opening positions in relation to application rates.

80 TVA	○
105 TVA	●
180 TVA	●
230 TVA	●
380HD TVA	●
670 TVA	●
780 TVA	●
230 HBD	●
380 HBD	●



## Sludge Cake Kit

This option includes closer position floor slats, angled pressings on the rear of the machine to prevent sticky products building up on flat surfaces and angle throwers on augers.

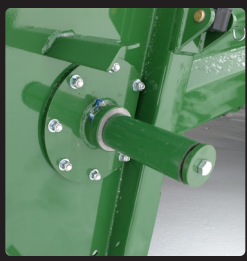
80 TVA	○
105 TVA	●
180 TVA	●
230 TVA	●
380HD TVA	●
670 TVA	●
780 TVA	●
230 HBD	●
380 HBD	●



## In-Cab Floor Speed Control

The in-cab electric remote floor speed control allows the operator to make adjustments to the floor speed while on the move.

80 TVA	●
105 TVA	●
180 TVA	●
230 TVA	●
380HD TVA	●
670 TVA	●
780 TVA	●
230 HBD	●
380 HBD	●



## Dual Floor Drive Ready

Dual drive rear sprocket shaft with guard installed allowing for a smooth upgrade to a dual drive system in the future.

80 TVA	○
105 TVA	○
180 TVA	●
230 TVA	●
380HD TVA	○
670 TVA	●
780 TVA	●
230 HBD	○
380 HBD	○



## SRT20 Gearbox Upgrade

The gearbox upgrade offers increased gearbox strength for improved longevity and durability in the toughest of conditions.

80 TVA	○
105 TVA	○
180 TVA	●
230 TVA	●
380HD TVA	STD
670 TVA	●
780 TVA	●
230 HBD	STD
380 HBD	STD



## Silage Side Extensions

Bolt on extensions can be added to increase carry capacity for hauling silage

80 TVA	○
105 TVA	○
180 TVA	○
230 TVA	●
380HD TVA	●
670 TVA	●
780 TVA	●
230 HBD	●
380 HBD	●



## Hydraulic Border Deflector

This deflects the material down to the ground and limits the spread width on one side. This prevents material being spread through hedges, into water courses, etc

80 TVA	○
105 TVA	○
180 TVA	○
230 TVA	○
380HD TVA	○
670 TVA	○
780 TVA	○
230 HBD	●
380 HBD	●

○ Unavailable

● Available

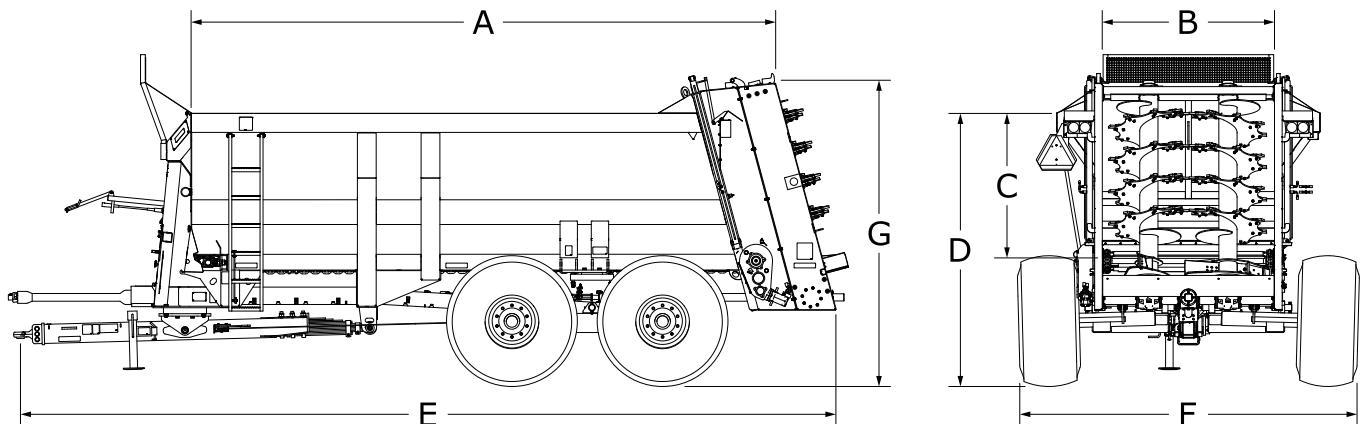
STD Standard for this model



# Specifications

	TVA							HBD	
	Farmstar	Mk4	Widebody			LoPro		Widebody	
	80	105	180	230	380HD	670	780	230	380HD
A	15' 6"	17' 1"	19' 9"	19' 9"	26' 3"	19' 7"	22' 7"	20' 7"	26' 3"
B	4' 11"	4' 11"	6' 0"	6' 0"	6' 0"	6' 0"	6' 0"	6' 0"	6' 0"
C	2' 7"	4' 0"	3' 2"	3' 2"	5' 7"	3' 11"	3' 11"	4' 10"	5' 7"
D	6' 0"	7' 9"	7' 1"	7' 1"	10' 6"	7' 3"	7' 3"	9' 8"	11' 1"
E	23' 1"	24' 10"	28' 1"	28' 1"	36' 1"	28' 5"	31' 6"	28' 8"	37' 1"
F	7' 9"	9' 7"	10' 9"	11' 0"	11' 8"	11' 6"	11' 6"	11' 9"	12' 3"
G	8' 1"	10' 1"	10' 2"	10' 2"	11' 3"	9' 5"	9' 5"	10' 8"	11' 3"
Carrying capacity (lbs)	17,637	27,780	39,680	50,700	83,600	44,000	44,000 (std) 48,500 (opt)	50,700	83,600
Carrying capacity (ton)	8.8	13.9	19.8	25.3	41.8	22	22 - 24.2	25.3	41.8
Unladen weight (lbs)	8,270	10,580	15,500	17,460	31,000	17,247	18,214	23,150	24,170
<b>Struck (Level) Capacity</b>									
Cubic feet	285	490	515	595	1,100	450	525	595	1,100
Cubic yards	10.5	18.1	19.1	22	40.7	16.6	24.8	22	40.7
Bushels	229	393	413	478	883	361	538	478	883
<b>Heaped Capacity</b>									
Cubic feet	350	618	742	900	1,413	670	780	900	1,413
Cubic yards	13	22.8	27.5	33.3	52.3	19.4	28.8	33.3	52.3
Bushels	281	496	596	723	1,135	421	626	723	1,135
Axle	Tandem	Single	Single	Tandem	Tri-Axle	Tandem	Tandem	Tandem	Tri-Axle
Axle beam size	3.15"	5.0"	6.0"	5.0"	6.0"	3.5"	3.5"	5.0"	6.0"
Brake size	12" x 3.15"	16" x 4.72"	16" x 5.5"	16" x 4.7"	16" x 5.5"	N/A	N/A	16" x 4.7"	16" x 5.5"
Tire size	15.0/70-18	580/70R38	710/70R38	650/55R26.5	650/55R26.5	600/50R22.5	600/50R22.5	650/55R26.5	650/55R26.5
Floor chain size	5/8"	5/8"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Floor plate	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"
Side plate	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"	3/16"
Spread mechanism	TVA	TVA	TVA	TVA	TVA	TVA	TVA	HBD	HBD
Spread width	up to 52'	up to 52'	up to 66'	up to 66'	up to 66'	up to 66'	up to 66'	up to 98'	up to 98'
PTO speed (RPM)	540/1000	1000	1000	1000	1000	1000	1000	1000	1000
HP requirement	80 - 100	100- 140	165 - 225	225 - 300	350 - 400	285 - 305	305 - 325	225 - 300	350 - 400

\* All specifications are subject to change without notification \*





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