

Teagle

TITAN

Rear Discharge Spreaders

teaglemachinery.com @ f y



COMPACT RANGE



TITAN 6

CAPACITY 215 ft³ * 263 ft³ **
80 HP (min) | 540 rpm



TITAN 8

CAPACITY 280 ft³ * 345 ft³ **
90 HP (min) | 540 rpm



TITAN 9

CAPACITY 320 ft³ * 387 ft³ **
100 HP (min) | 540 rpm

AGRI RANGE



TITAN 10

CAPACITY 348 ft³ * 423 ft³ **
120 HP (min) | 1000 rpm



TITAN 12

CAPACITY 141 ft³ * 510 ft³ **
140 HP (min) | 1000 rpm

PRO RANGE



TITAN 15

CAPACITY 543 ft³ * 634 ft³ **
150 HP (min) | 1000 rpm



TITAN 17

607 ft³ * 710 ft³ **
170 HP (min) | 1000 rpm

* Heaped capacity ** Heaped capacity with extensions



Teagle Machinery was established over 85 years ago, manufacturing the first Titan rear discharge muck spreader in 1970. We remain a family business focussed on meeting the needs of our customers whether just around the corner, or in one of the 50 countries worldwide to which we regularly ship machinery. From the outset, our machinery has been designed to be simple, robust and easy to use.

We still stand by these values, with all our products being tested extensively on farms throughout the world to ensure that they perform reliably day-in day-out, under the toughest conditions. As sales of Titan Rear Discharge Muckspreaders continue to grow, the reasons that customers return time after time to buy from Teagle are twofold:

Product Focus - We actively invest in research, design and manufacturing technology to ensure that our product range constantly evolves to remain at the cutting edge, whilst being available at a competitive price. The Titan range of spreaders is based on a robust body and bed chain system, with a particular focus on the beater system which has been carefully developed to deliver a fine and even spread pattern.

Backup – After-sales support is our priority, requiring commitment to a comprehensive parts stock and effective dealer network. We dedicate part of our 291,000ft² facility in Cornwall to a substantial stock of wearing and non-wearing parts to keep you up and running.

BUILD quality



DESIGN PROCESS

Experienced design engineers equipped with state-of-the-art software ensure that strength is in-built where it is needed.

ROBOTIC WELDING

Rotors are robot welded to ensure consistency, strength and quality.

PRECISION ENGINEERING

Rotors are dynamically balanced in-house to ensure smooth running and durability of the spreading system.

SPARE PARTS

To keep your Titan running, Teagle carry a comprehensive stock of spare parts which are available for next day delivery.

SHOT BLASTING

Shot blasting prepares the metal for painting. This ensures the coat adheres properly to the machine.

QUALITY FINISH

Prior to finishing with a 2 pack paint system, all components are shot blasted. All seams are continuously welded or sealed to protect against corrosion.

HEAT TREATED

BORON AUGER & TIPS

Boron steel is pre-heated to over 1850°F to provide additional strength and extended service life.

Boron steel has wear resistance 6.5 times greater than mild steel and significantly longer than other hardened steels tested for agricultural use.

See page 4 for more details

YOUR advantage

THE BEATER SYSTEM

Whether spreading fresh, well rotted or semi-solid farmyard manure, poultry litter, compost or waste products, Titan spreaders deliver an even, fine and wide spread pattern. Large diameter beaters generate a high tip speed to ensure a fine shredding action is achieved, with tall beaters delivering massive output (up to 3t/min) for high work rates.

Splash boards
keep the sides of the spreader clean

Continuous augers
are welded to large diameter heavy gauge tubes

Swinging flails
highly tolerant to foreign objects



Optional
**Poultry Manure
Compost Paddles**

For greater spread widths and an improved pattern with friable materials.

Upper beater bearings can be greased from ground level

Reversible hardened tips offer extended service intervals

One piece gearbox for strength and reliability

CAPACITY CALCULATOR

Capacity using volume NOT WEIGHT
Muckspreader capacity is often a subject of debate, but is essential to ensure that machines can be compared like for like.

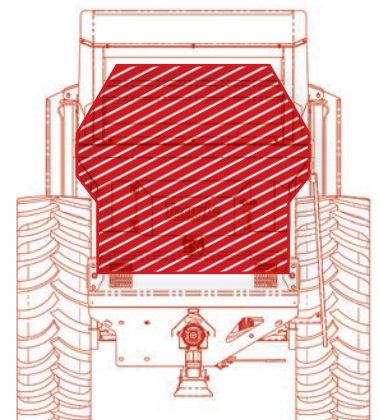
Comparing machine capacity by weight cannot be applied in practice because it is dependent on one important variable; the density of the

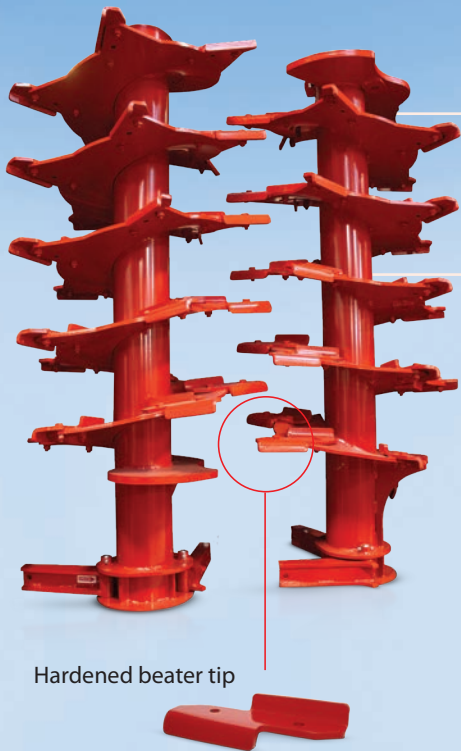
material being spread. For example, 1 ton of compost has far greater volume than 1 ton of farmyard manure.

Comparing machine capacity by volume is more practical, but still requires guidelines to ensure transparency so that you can determine the capacity and model that you require.

HOW IS TITAN CAPACITY CALCULATED?

Steeper sides/flat top | With slurry door fitted | Filled back to slurry door
Heaped at 30 ° angle to vertical | Manure does not rest on front guard





HEAT TREATED BORON AUGER FLIGHT

TITAN 6 | 8 | 9 | 10 | 12 | 15 | 17

The right choice for farmers and operators demanding high performance, improved strength and longer service intervals

Strength

- Boron steel is pre-heated to over 1850°F to provide additional strength and extended service life.
- Boron steel has twice the flexural strength of mild steel and maintains its form throughout the manufacturing process to produce a reliable, high quality end product.
- The physical characteristics of Boron steel ensures components repeatedly return to their original shape after impact.

Durability

- Boron steel has wear resistance 6.5 times greater than mild steel and significantly longer than other hardened steels tested for agricultural use.
- The most advanced heat treatment system in the industry ensures that Boron steel is made harder but not brittle, making it more resistant to damage.
- Due to its unique production process Boron heat treated components benefit users with a longer service life than either mild or pre-heated treated steels.



Nutrition and Structure

Correctly applied, manure has a number of beneficial effects on soil properties, promoting increased yields and better quality crops.

- Provides a natural source of available nitrogen.
- Adds humus and slow releasing nutrients to the soil.
- Aids water and nutrient retention.
- Increases soil fertility.
- Helps break down heavy soils.
- Adds structure to light and sandy soils.

Shred and Spread

To gain the greatest potential from your manure it is essential that it is shredded and evenly spread to:

- Expose more manure surface to sunlight, quickly drying it out & reducing nutrient loss, parasites and fly reproduction.
- Reduce decomposition time, enabling livestock to return and safely graze in the minimum time period.
- Promote dense grass growth and reduce invasive weeds.
- Prevent clumps of manure from smothering grass that create bare spots in the pasture.

COMPACT range

TITAN 6 | TITAN 8 | TITAN 9

Thanks to their compact size, the Titan 6 and 8 models are manoeuvrable where access is difficult. A low centre of gravity and low towing weight allow smaller tractors to operate on hilly ground.

Standard equipment

Boron Steel Beaters | Rear Slurry Door | Wide Angle PTO with Cam Clutch | 18.4-34 Wheels and Tyres
Manual Bed Speed Control | Automatic Light Shields

STANDARD

Inspection Access

A ladder offers safe access to the spreader. When not in use the ladder **folds for transport**

OPTIONAL

Side Extensions

For **extra capacity** from the same compact spreader

OPTIONAL

Electric Bed Speed Control

Accurate and convenient **in-cab** spread rate control

STANDARD

Chains & Tensioning

Heavy duty chains are calibrated for **reliable operation**. Tensioning is straightforward using the threaded adjuster.

STANDARD

Slats & U-bolts

Full width slats ensure that material does not bridge in the middle. Slats are secured to the chain with U-Bolts to enable **straightforward maintenance**.

OPTIONAL

Wheel Options

For special applications or reduced ground compaction. **580/70 R38 Wheels & Tyres**
Contact us for more information

BUILT TO MEET YOUR NEEDS

Configure your Titan to suit your individual requirements from the following options.

Optional Equipment

Side Extensions | Electronic Bed Speed Control | 580/70 R38 Wheels & Tyres
LED Strobe Light | Compost/Poultry/Manure Beater Tips

OPTIONAL

LED Strobe Light
Recommended for
highway use

STANDARD

Hydraulic Slurry Door

Hydraulic operation of the slurry door when loading ensures that the dung does not rest on the beaters and **prevents loss in transport**

STANDARD

Boron Steel Beaters

High performance, **improved strength** and longer service intervals (see page 3)

STANDARD

One-piece Bed Drive

The one piece bed drive sprocket, with unique tubular reinforcement, provides a **stable** and **robust drive** to the twin bed chain system, even under the heaviest loads. Maintenance access is simplified through the side of the machine

STANDARD

Bed Drive

Reversible and fitted with an **overload relief valve**. Bed speed is controlled using either the tractor hydraulic system or the valve mounted on the front of the Titan

STANDARD

Light Shields

For safety on the road, shields **automatically cover** the light units when the slurry gate is opened for spreading

COMPACT range

TITAN | 6

TYPE COMPACT

Our most compact machine ideally suited to smaller tractors.

Standard equipment

Boron Steel Beaters | Rear Slurry Door
Wide Angle PTO with Cam Clutch | 18.4-34 Wheels and Tyres
Manual Bed Speed Control | Automatic Light Shields

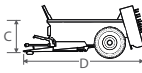
Optional equipment

Side Extensions | Electronic Bed Speed Control | LED Strobe Light | Compost/Poultry/Manure Beater Tips



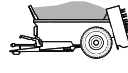
A = Overall Height (ft)

B = Overall Width (ft)



C = Loading Height (ft)

D = Overall Length (ft)



Capacity (with extensions ft³)



Power min



Weight



Tyres



PTO rpm

TITAN | 6

9'9"	8'4"*	6'3" *	19'8 "	215 ft ³ (263 ft ³)	80	7,452 lbs	500/85 R30	540
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TITAN | 8

TYPE COMPACT

Outstanding manoeuvrability and stability, ideal for narrow lanes and tight gateways.

Standard equipment

Boron Steel Beaters | Rear Slurry Door
Wide Angle PTO with Cam Clutch | 18.4-34 Wheels and Tyres
Manual Bed Speed Control | Automatic Light Shields

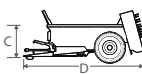
Optional equipment

Side Extensions | Electronic Bed Speed Control | LED Strobe Light | Compost/Poultry/Manure Beater Tips



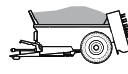
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B = Overall Width (ft)



C = Loading Height (ft)

D = Overall Length (ft)



Capacity (with extensions ft³)



Power min



Weight



Tyres



PTO rpm

TITAN | 8

9'10"	8'6"*	6'4" *	23'	280 ft ³ (345 ft ³)	90	8,069 lbs	500/85 R30	540
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* With standard wheels, without side extensions. For options details see page 5/6

COMPACT range

TITAN | 9

TYPE **COMPACT**

Ideally suited for operators requiring high output from tractors with limited horsepower.

Standard equipment

Boron Steel Beaters | Rear Slurry Door
Wide Angle PTO with Cam Clutch | 18.4-34 Wheels and Tyres
Manual Bed Speed Control | Automatic Light Shields

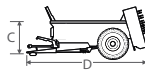
Optional equipment

Side Extensions | Electronic Bed Speed Control | 580/70 R38 Wheels & Tyres | LED Strobe Light | Compost/Poultry/Manure Beater Tips



A = Overall Height (ft)

B = Overall Width (ft)



C = Loading Height (ft)

D = Overall Length (ft)



Capacity (with extensions ft³)



Power min



Weight



Tyres



PTO rpm

TITAN | 9

10'6"

8'6" *

7*

23'

320 ft³ (387 ft³)

100

8,554 lbs

18.4/15x34

540

* With standard wheels, without side extensions. For options details see page 5/6

customer REVIEW



DANNY LYDIATE

(Ospreys and Wales Rugby Union Star)
Danny has been running a **Teagle Titan 8** muck spreader to spread both cow/sheep manure and poultry litter on his farm in Wales.

"We like the operation of the Titan as it is simple to use - you just hook up, attach the oil pipes/brakes/PTO, and off you go. It has great manoeuvrability and the wide-angle PTO means there is no downtime or adjustments needed when turning in smaller fields"

FARM FACTS: 480 acre organic hill farm | 35 head of welsh black
4000 organic laying hens | 400 welsh breeding ewes



AGRI range

TITAN 10 | TITAN 12

Featuring our latest large diameter boron steel beater design. Shallow pitch augers with deep tip overlap and high tip speed ensure a thorough chopping and mixing action.

Standard equipment

Large Diameter Boron Steel Beaters | Rear Slurry Door
Wide Angle PTO with Cam Clutch | Automatic Light Shields | 580/70 R38 Wheels and Tyres

OPTIONAL Electric Bed Speed Control
Accurate and convenient
in-cab spread rate control

STANDARD Inspection Access
A ladder offers safe access to the spreader. When not in use the ladder **folds for transport**

OPTIONAL Side Extensions
For **extra capacity** from the same compact spreader

STANDARD Chains & Tensioning
Heavy duty chains are calibrated for **reliable operation**.
Tensioning is straightforward using the threaded adjuster.

STANDARD Slats & U-bolts
Full width slats ensure that material does not bridge in the middle. Slats are secured to the chain with U-Bolts to enable **straightforward maintenance**.

OPTIONAL Sprung Drawbar
A heavy duty sprung drawbar **combines strength as well as the flexibility** of a bolt-on hitch to match your operational and tractor requirements

BUILT TO MEET YOUR NEEDS

Configure your Titan to suit your individual requirements from the following options.

Optional Equipment

Side Extensions | Electronic Bed Speed Control | 650/75 R32 Wheels & Tyres LED Strobe Light | Commercial axle and braking system | ISOBUS Weigh Cell System Sprung Drawbar | Ball Hitch (80mm) for Sprung Drawbar

Wheel Options

For special applications or reduced ground compaction.
650/75 R32 Wheels & Tyres
Contact us for more information

LED Strobe Light

Recommended for highway use, **increased visibility**

STANDARD

Hydraulic Slurry Door

Hydraulic operation of the slurry door when loading ensures that the dung does not rest on the beaters and **prevents loss in transport**

STANDARD

Large Diameter Boron Steel Beaters

High performance, improved strength and longer service intervals (see page 3)

STANDARD

One-piece Bed Drive

The one piece bed drive sprocket, with unique tubular reinforcement, provides a **stable and robust drive** to the twin bed chain system, even under the heaviest loads. Maintenance access is simplified through the side of the machine

STANDARD


Bed Drive

Reversible and fitted with an **overload relief valve**. Bed speed is controlled using either the tractor hydraulic system or the valve mounted on the front of the Titan

STANDARD

Light Shields

For safety on the road, shields **automatically cover** the light units when the slurry gate is opened for spreading

 **ISOBUS** See page 18

AGRI range

TITAN | 10

TYPE **AGRI**

Ideal for farmers and contractors, with a heavy duty spreading system that is built to last.



Standard equipment

Large Diameter Boron Steel Beaters | Rear Slurry Door
Wide Angle PTO with Cam Clutch | Automatic Light Shields | 580/70 R38 Wheels and Tyres

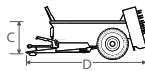
Optional equipment

Side Extensions | Electronic Bed Speed Control | 650/75 R32 Wheels & Tyres | LED Strobe Light | Commercial axle and braking system
ISOBUS Weigh Cell System | Sprung Drawbar | Ball Hitch (80mm) for Sprung Drawbar



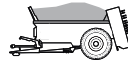
A = Overall Height (ft)

B = Overall Width (ft)



C = Loading Height (ft)

D = Overall Length (ft)



Capacity (with extensions ft³)



Power min



Weight



Tyres



PTO rpm

TITAN 10	10'10"	9'6"*	7'4" *	23'	348 ft ³ (423 ft ³)	120	11,486 lbs	580/70 R38	1000
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TITAN | 12

TYPE **AGRI**

Perfect for farmers and contractors, featuring a durable spreading system designed for long-lasting performance.



Standard equipment

Large Diameter Boron Steel Beaters | Rear Slurry Door
Wide Angle PTO with Cam Clutch | Automatic Light Shields | 580/70 R38 Wheels and Tyres

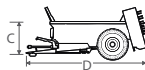
Optional equipment

Side Extensions | Electronic Bed Speed Control | 650/75 R32 Wheels & Tyres | LED Strobe Light | Commercial axle and braking system
ISOBUS Weigh Cell System | Sprung Drawbar | Ball Hitch (80mm) for Sprung Drawbar



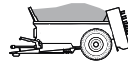
A = Overall Height (ft)

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C = Loading Height (ft)

D = Overall Length (ft)



Capacity (with extensions ft³)



Power min



Weight



Tyres



PTO rpm

TITAN 12	10'10"	9'6"*	7'4" *	25' 7"	414 ft ³ (510 ft ³)	140	12,059 lbs	580/70 R38	1000
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* With standard wheels, without side extensions. For options details see page 9/10



TITAN 10 AGRI RANGE **ROBUST & RELIABLE**



CAPACITY
348 ft³ (423 ft³)

HP
120 MIN

PTO
1000

Richard Barrow runs A&B Contractors in North Devon, they offer a range of services including muck spreading.

Richard runs a fleet of Teagle muckspreaders, all of which are from the Agri Range and all three are the Titan 10 model. Richard explains why he chose this particular range.

"We spread approximately 8 - 10000 tonnes of muck through them every year. We needed a spreader that was robust and reliable, with good back-up for parts and our local dealer suggested the Teagle." He goes on to say...

"The size of the Titan 10 is just right for getting in and out of our customers gateways

and the length of the machine is great for getting around the yards. As we are contractors, there is a lot of travel on the roads, the sprung drawbar, commercial axle and air brakes make for a safe and smooth ride, even when loaded."



WATCH THE
CUSTOMER
REVIEW

PRO range

TITAN 15 | TITAN 17

Strength and durability with large diameter boron steel beaters, heavy duty body construction and massive 23/32 bed chain. Commercial axle with combined air/hydraulic brake system as standard.

Standard equipment

Large Diameter Boron Steel Beaters | Rear Slurry Door | Flashing Beacon | Wide Angle PTO with Cam Clutch | 580/70 R38 Wheels and Tyres Commercial Axle with Air/Hydraulic Brakes

OPTIONAL Electric Bed Speed Control
Accurate and convenient
in-cab spread rate control

OPTIONAL Wheel Options
For special applications or reduced
ground compaction. **650/65 R38
Wheels & Tyres** Contact us for
more information

STANDARD Chains & Tensioning
Heavy duty chains are calibrated for reliable
operation. Tensioning is straightforward
using the **threaded adjuster**.



OPTIONAL Sprung Drawbar
A heavy duty sprung drawbar **combines strength as well as the flexibility** of a bolt-on hitch to match your operational and tractor requirements

STANDARD Slats & U-bolts
Full width slats ensure that material does not bridge in the middle. Slats are secured to the chain with U-Bolts to enable **straightforward maintenance**.

BUILT TO MEET YOUR NEEDS

Configure your Titan to suit your individual requirements from the following options.

Optional Equipment

Side Extensions | Electronic Bed Speed Control | LED Strobe Light | Compost/Poultry/Manure Beater Tips
ISOBUS Weigh Cell System | Spung Drawbar | 650/65 R38 Wheels & Tyres | Ball Hitch (80mm) for Sprung Drawbar

OPTIONAL Side Extensions
For **extra capacity** from the same spreader

STANDARD

Hydraulic Slurry Door
Hydraulic operation of the slurry door when loading ensures that the dung does not rest on the beaters and **prevents loss in transport**

 **ISOBUS** See page 18

STANDARD

Large Diameter Boron Steel Beaters

High performance, improved strength and longer service intervals (see page 3)

STANDARD

One-piece Bed Drive

The one piece bed drive sprocket, with unique tubular reinforcement, provides a **stable** and **robust drive** to the twin bed chain system, even under the heaviest loads. Maintenance access is simplified through the side of the machine

STANDARD

Bed Drive

Reversible and fitted with an **overload relief valve**. Bed speed is controlled using either the tractor hydraulic system or the valve mounted on the front of the Titan

STANDARD

Light Shields

For safety on the road, shields **automatically cover** the light units when the slurry gate is opened for spreading

PRO range

TITAN | 15

TYPE **PRO**

For large scale operators requiring a high specification on highways and in the field.



Standard equipment

Boron Steel Beaters | Rear Slurry Door | Flashing Beacon
Wide Angle PTO with Cam Clutch | 580/70 R38 Wheels and Tyres | Commercial Axle with Air/Hydraulic Brakes

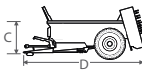
Optional equipment

Side Extensions | Electronic Bed Speed Control | LED Strobe Light | Compost/Poultry/Manure Beater Tips
ISOBUS Weigh Cell System | Spung Drawbar | 650/65 R38 Wheels & Tyres | Ball Hitch (80mm) for Sprung Drawbar



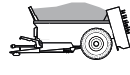
A = Overall Height (ft)

B = Overall Width (ft)



C = Loading Height (ft)

D = Overall Length (ft)



Capacity (with extensions ft³)



Power min



Weight



Tyres



PTO rpm

TITAN | 15

11' 9"

9' 6" *

8' 3" *

26'

543 ft³ (634 ft³)

150

13,845 lbs

580/70 R38

1000

TITAN | 17

TYPE **PRO**

Catering to the needs of large-scale operators seeking exceptional specifications for both highway and field operations.



Standard equipment

Boron Steel Beaters | Rear Slurry Door | Flashing Beacon
Wide Angle PTO with Cam Clutch | 580/70 R38 Wheels and Tyres | Commercial Axle with Air/Hydraulic Brakes

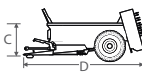
Optional equipment

Side Extensions | Electronic Bed Speed Control | LED Strobe Light | Compost/Poultry/Manure Beater Tips
ISOBUS Weigh Cell System | Spung Drawbar | 650/65 R38 Wheels & Tyres | Ball Hitch (80mm) for Sprung Drawbar



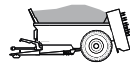
A = Overall Height (ft)

B = Overall Width (ft)



C = Loading Height (ft)

D = Overall Length (ft)



Capacity (with extensions ft³)



Power min



Weight



Tyres



PTO rpm

TITAN | 17

11' 9"

9' 6" *

8' 3" *

27' 11"

604 ft³ (710 ft³)

170

14,462 lbs

580/70 R38

1000



TITAN 17 PRO RANGE ULTIMATE CAPACITY



CAPACITY
17.2³ (20.1³)

HP
170 MIN

PTO
1000

Richard Boyd is a 2nd generation farmer who runs a 400-acre Dairy Farm in Shropshire, milking 280 pedigree British Friesians.

To spread his farmyard manure he uses the Titan 17 from the Pro range of rear discharge spreaders, with the optional bed speed control. Richard explains why he opted for the spreader with the largest capacity: "Within our area there are limited times when the muck can be spread, so by choosing the one that holds the most muck, we can get the job done as quick as possible."

Richard also chose the larger 650/65 R38 wheels and tyres and says "The larger tyres help the machine travel better over the land and reduces the compaction. The machine pulls well, is well balanced and you don't experience any bouncing like you can with other large equipment."

"I try to support British products where I can (this is not always possible) so when my local dealer suggested this particular spreader, I was pleased that I would be supporting a British manufacturer. These are well built machines, using strong materials – they're built for a lifetime."

"In several years this machine will still be in good quality and condition. They are very well-made machines."

When asked about the optional bed speed control, Richard has this to say: "I use the bed speed control all the time, you can vary the speed of the bed, and this can make a lot of difference to the spread pattern depending on how fresh or rotted your muck is. The Titan 17 always produces an even spread, no matter what material you put through it."

Richard comments on some of the safety features "Although the Titan 17 is a large machine there is good all-round visibility and the automatic light shield covers mean you don't have to worry about not being seen when you are travelling on the roads. This is a very large vehicle, so it's essential that any lights and indicators remain clear. They have also added splashboards to keep the muck off the side of the machine, which works well. The back grill offers good protection from stones hitting the back cab window."

Richard concludes by saying: "I would happily recommend this machine to others. The spreader has been very reliable, it's easy and straightforward to operate, a good practical machine that gets the job done."



TACKLING ORGANIC MATTER

Trust in Teagle application technology for better returns.



Healthy soils provide multiple environmental benefits and are the foundation of sustainable and profitable crop production.

Soil management that improves soil function is more likely to yield better returns and improve farm resilience to challenging

external influences such as increased input costs, weather extremes and efficiency demands.

Maintaining and improving soil organic carbon content is vital to sustain soil fertility. Organic matter improves nutrient retention, nutrient use efficiency and is a source of plant nutrients in addition to fuelling soil biology. Active biology will work to improve soil structure, assisting in better water infiltration, water holding capacity and rooting potential of crops.

The economic and physical value of organic matter- especially in the form of straw-based manure can be better realised in well managed soils. In comparison to liquid digestates and slurries, high organic matter manures have an increased dry matter arising from the elevated carbon content which in turn offers more fuel to soil biology as a food source.

Organic materials in addition to valuable carbon, are often a source of major plant nutrients, Phosphate, Potash, Magnesium, Sulphur and Nitrogen, with many manures containing beneficial amounts of micronutrients. Precise and measured application is required by regulation and assurance schemes

and latest codes of practice should be observed. Teagle spreading technology enables adjustable precise spreading rates and consistent ground coverage.

A typical fresh weight ton of FYM at 25% in comparison to a typical fresh weight ton of 6%DM cattle slurry provides 90% more total Phosphate, 115% more total Potash and over 100% more Magnesium and Sulphur in addition to the multiple benefits to the soil from the carbon within the organic matter. Nutrient release is sustained over a longer duration with FYM, as soil biology acts to enable the availability of the manure's nutrients to plant roots. (RB209)

Nitrogen availability in organic manures varies, FYM has a higher carbon to Nitrogen ratio than slurry which is nearer to the optimal ratio for soil microbes to thrive enhancing the release of nutrients. The ammonia ratio of the total Nitrogen in FYM ranges from about 20-30% in comparison to 40-60% of the total N in slurry, ammonia N has greater potential for N losses.

The bottom line remains, feed the soil life to feed the crop, don't undervalue the return of carbon and organic matter to the soil, and the gains from precise and measured application.

Pulverising bulky manures to aid soil contact improves efficacy especially when applying to grassland, less manure thatch will improve silage quality and grazing access, even nutrient distribution reduces crop lodging risk. You can rely on the Teagle beater system to process organic manures improving application, enhancing spread accuracy and consistency.

*Emma Dennis. Agronomist at PROCAM
Portrait photo by Mark Jessey*

Variable rate

WEIGH CELL SYSTEM

Unlike most commercial fertilisers – manure not only contains the macro nutrients nitrogen, phosphorus and potassium, it also contains organic matter, which helps maintain soil health and improves nutrient holding capacity.

For every 1% increase in organic matter, you can have up to 50lbs of nitrogen available for the next growing season.

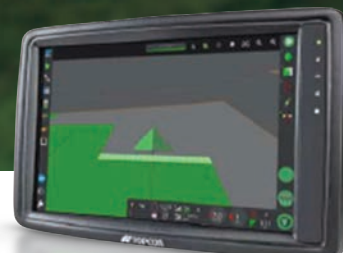
There is a lot of value in manure if you apply it evenly and consistently, the Athene ISOBUS Variable Rate Weigh Cell System makes that easy.



Available on Agri and Pro ranges

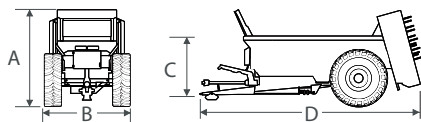


7" XD Monitor



12" XD+ Monitor

SPECIFICATIONS



TITAN 6

TITAN 8

TITAN 9

Capacity (Heaped)*	215 ft ³	280 ft ³	320 ft ³
Capacity with side extensions (Heaped)*	263 ft ³	345 ft ³	387 ft ³
Overall Height (A)	9'9"	9'9"	10'6"
Overall width (with standard tyres) (B)	8'4"	8'4"	8'4"
Loading Height (with std. wheels)** (C)	6'3"	6'3"	6'8"
Overall Length (D)	19'8"	23'	23'
Internal Length	10'8"	13'8"	14'0"
Internal width	59" - 67"	59" - 67"	59" - 67"
Internal height	33"	33"	39"
Standard tyre size***	18.4-34	18.4-34	18.4-34
Unladen Weight	7,452 lbs	8,069 lbs	8,554 lbs
Steel thickness (floor / sides)	1 ¹ / ₆₄ "	1 ¹ / ₆₄ "	1 ¹ / ₆₄ "
Axle Size	3 ⁵ / ₃₂ "	3 ⁵ / ₃₂ "	3 ⁵ / ₃₂ "
Brake Size / Axle Studs	15 ³ / ₄ " x 3 ⁵ / ₃₂ " 8 stud	15 ³ / ₄ " x 3 ⁵ / ₃₂ " 8 stud	15 ³ / ₄ " x 3 ⁵ / ₃₂ " 8 stud
Floor - Chain Diameter	1 ⁵ / ₃₂ "	1 ⁵ / ₃₂ "	9/ ₁₆ "
PTO Speed	540rpm	540rpm	540rpm
Bed drive shaft diameter	2"	2"	2 ¹ / ₄ "
Minimum recommended HP	80HP	90HP	100HP



Key: * For capacity calculation see page 3. ** Add 300mm for side extensions. *** Contact us for other tyre sizes

Standard/Optional Equipment	TITAN 6	TITAN 8	TITAN 9
*Side Extensions	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Electronic Bed Speed Control	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Compost/Poultry Manure Beater Tips	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Flashing LED Strobe Light	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Sprung Drawbar	N/A	N/A	N/A
Commercial Axle - Air / Hydraulic Brakes	N/A	N/A	N/A
ISOBUS Variable Weigh Cell System	N/A	N/A	N/A
Slurry Door	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Oversize Wheels	N/A	N/A	<input type="checkbox"/>
WAJ PTO with Cam Clutch	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

Key: Optional Equipment Standard Specification N/A Not Available

SPECIFICATIONS



TITAN 10

TITAN 12

TITAN 15

TITAN 17

348 ft ³	427 ft ³	543 ft ³	607 ft ³
423 ft ³	522 ft ³	634 ft ³	710 ft ³
10'10"	10'10"	11'9"	11'9"
9'6"	9'6"	9'6"	9'6"
7'4"	7'4"	8'3"	8'3"
23'	25'7"	26'	27'11"
13'6"	16'	16'6"	18'4"
59"-75"	59"-75"	59"-75"	59"-75"
39"	39"	52"	52"
580/70 R38	580/70 R38	580/70 R38	580/70 R38
11,486 lbs	12,059 lbs	13,845 lbs	14,462 lbs
1 ³ / ₆₄ " / 1 ¹ / ₆₄ "	1 ³ / ₆₄ " / 1 ¹ / ₆₄ "	1 ³ / ₆₄ " / 1 ¹ / ₆₄ "	1 ³ / ₆₄ " / 1 ¹ / ₆₄ "
2" x 2"	2" x 2"	2 ⁷ / ₁₆ " x 2 ⁷ / ₁₆ "	2 ⁷ / ₁₆ " x 2 ⁷ / ₁₆ "
15 ³ / ₄ " x 3 ⁵ / ₃₂ " 10 stud	15 ³ / ₄ " x 3 ⁵ / ₃₂ " 10 stud	16 ¹ / ₅ " x 5 ³ / ₆₄ " 10 stud	16 ¹ / ₅ " x 5 ³ / ₆₄ " 10 stud
⁹ / ₁₆ "	⁹ / ₁₆ "	2 ³ / ₃₂ "	2 ³ / ₃₂ "
1000rpm	1000rpm	1000rpm	1000rpm
2 ¹ / ₄ "	2 ¹ / ₄ "	2 ⁵ / ₃₂ "	2 ⁵ / ₃₂ "
120HP	140HP	150HP	170HP

TITAN 10

TITAN 12

TITAN 15

TITAN 17

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
N/A	N/A	N/A	N/A
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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The company's policy is one of continuous improvement and development, therefore specifications are subject to change without prior notice.

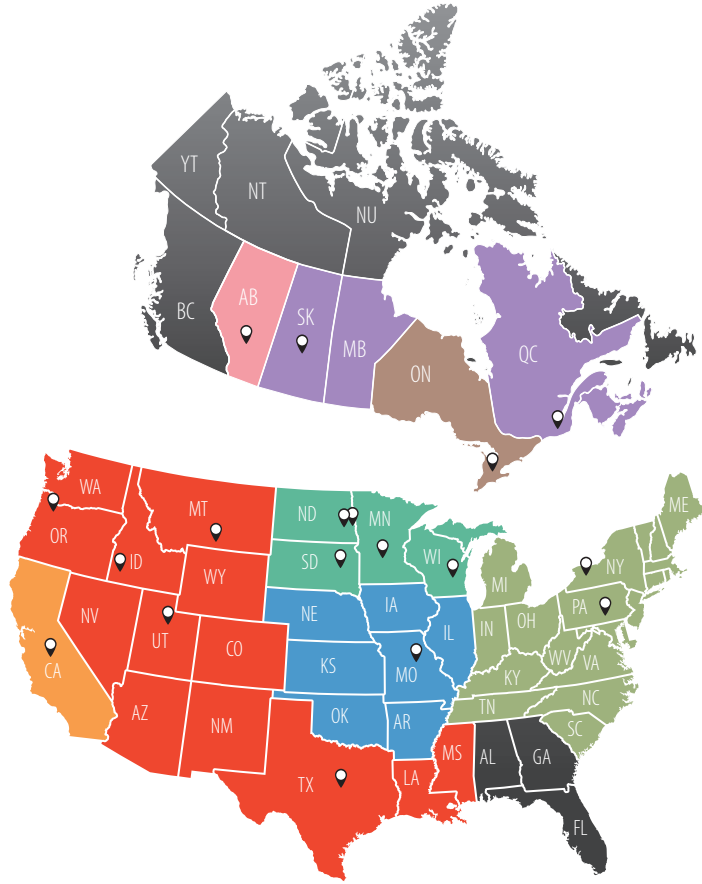
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