

Teagle

TOMAHAWK

Hydraulic Drive Bale Processors



teaglemachinery.com @ f y

BEDDING



TOMAHAWK 6100H

CAPACITY 60 ft³

Distance : 40 ft
Handler : 1.4 tonnes (min.)
Oil Flow: 10.5 us gpm (min.)



TOMAHAWK 6200H

CAPACITY 105 ft³

Distance : up to 44'
Handler : 2.8 tonnes (min.)
Oil Flow: 15 us gpm (min.)

FEEDING | BEDDING



TOMAHAWK 8200 | M

CAPACITY 113 ft³

Distance : 65ft
Tractor : 140HP (min.)



TOMAHAWK 8200 | T

CAPACITY 113 ft³

Distance : 65ft
Tractor : 60HP (min.)



TOMAHAWK 8500

CAPACITY 159 ft³

Distance : 72-82ft
Tractor : 80HP (min.)

FEEDING | BEDDING | PROCESS



TOMAHAWK 8250 | M

CAPACITY 113 ft³

Distance : 65ft
Tractor : 150HP (min.)



TOMAHAWK 8250 | T

CAPACITY 113 ft³

Distance : 65ft
Tractor : 80HP (min.)



TOMAHAWK 8555

CAPACITY 159 ft³

Distance : 72-82ft
Tractor : 80HP (min.)

FEEDING | BEDDING



TOMAHAWK 9500

CAPACITY 283 ft³

Distance : 72-82ft
Tractor : 80HP (min.)



TOMAHAWK 1010

CAPACITY 353 ft³

Distance : 72-82ft
Tractor : 80HP (min.)



Established in 1937, Teagle Machinery began manufacturing the Tomahawk bale processor in 1983. 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 Tomahawk bale processors 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. Through our focus on feeding and bedding machinery over the last 40 years we are able to offer a machine to fulfil your needs.

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.

teaglemachinery.com   

BENEFITS

WHY OWN A BALE PROCESSOR

Saving you time and money!



FOR BEDDING

Labour saving - one person can quickly and easily bed livestock.

Save straw - users regularly report up to 30% savings. Straw is spread evenly across the entire bedding area. Only deliver as much straw as is required in each pen.

Cleaner and healthier livestock straw is lightly shredded for improved moisture absorbance and livestock comfort. Because straw is not chopped, the bed retains its structure to provide hygienic lying areas.

In cubicles - straw chopped/spread to suit your requirements.

Better manure - straw is incorporated with the muck more evenly for improved field application.

Safer bedding - no need to enter the pen.



FOR FEEDING

One machine, two jobs bed down and feed with the same machine.

Versatility - If you can bale a crop, we can shred it! Feed clamp or baled silage, hay and root crops.

Improve palatability - users report improved feed conversion of shredded bale silage.

Livestock cannot be selective wastage is reduced.



FOR PROCESSING

Pre-process straw for mixer wagons using our unique 'Dual Chop' system.

Improve efficiency - reduces mixer wagon processing time.

Effective feed conversion Precision cut straw stimulates digestion.

Prevent over-processing of silage in a Total Mixed Ration.

Process on demand - no need to stockpile.



VALUE FOR MONEY Impressive Payback

Existing Tomahawk owners have calculated an excellent return on investment when considering commodity values, tractor operating costs, hourly labour rates, improved livestock welfare and resale value; all of which contribute to making the Tomahawk the market leader.

TOMAHAWK MODELS



	Hydraulic		Box Machines				Dual Chop	
	6100H*	6200H*	8200	8500	9500	1010	8250*	8555
Bedding Spread Straw	✓	✓	✓	✓	✓	✓	✓	✓
Feeding Silage/Hay	✗	✗	✓	✓	✓	✓	✗	✓
Short Chop To 50mm	✗	✗	✗	✗	✗	✗	✓	✓

* recommended max.20% moisture content

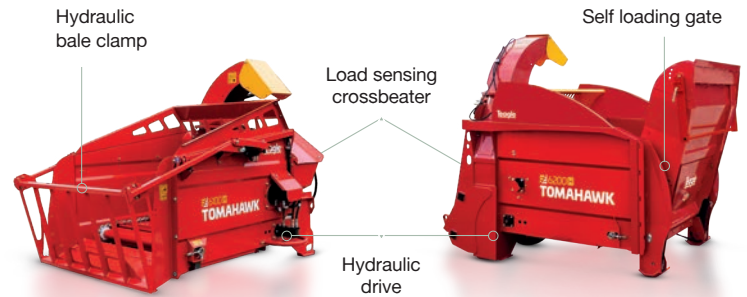
HYDRAULIC DRIVE for flexible bedding













Introducing the latest models in our market-leading Tomahawk bale processor range.

Built around the successful Telehawk model launched in 2014, the **Tomahawk 6200H** features numerous upgrades

and inherits all the benefits of hydraulic drive.

The all-new **Tomahawk 6100H** has been designed for compact handlers, skid steers and tractor loaders for ease of use in tight yards and sheds.



		Skidsteer	Compact Wheeled Loader (min 1.4t lift capacity)	Tractor Loader	Tractor Rear 3 Point Linkage	Telehandler
	6100H					
	6200H					

BALE PROCESSING - SIMPLIFIED



◀ Pause / Run modes to stop/start the flow of material at the touch of a button

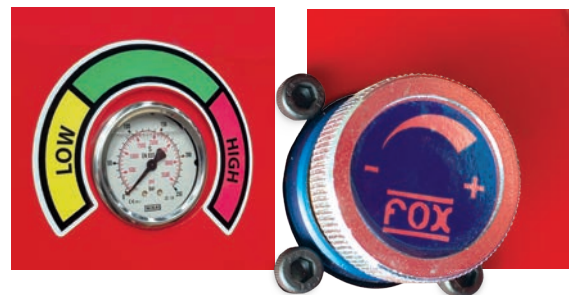
- ◀ All bale formats - Process Round, Quadrant or Hesston bales.
- ◀ Quick hitch – with only a hydraulic supply and return, and 12V electrical connection.
- ◀ Easy to use - Processing can be started/paused at the touch of a button in the in-cab Wi-Fi control desk. Hydraulic load sensing automatically manages the crossbeater and bed chain operation. (See page 7 for details).
- ◀ Save straw - Bales can be spread evenly up to 12m to either side of the machine with the 280° swivel chute. Bales are teased apart, rather than chopped, to reduced dust and create a better bed.

SMOOTH OPERATION AS STANDARD

The Tomahawk 6100H and 6200H are both equipped with a load sensing crossbeater that automatically reverses the crossbeater and bed chain to improve the flow of straw through the machine.

Optimise processing: The load sensing can be optimised by adjusting a pressure switch. A pressure gauge assists the operator in setting up the pressure switch so that the machine is always operating in the 'green' zone.

Extended service life: For extended operation / service intervals, the 6200H is fitted with a Cush Drive that protects the crossbeater and hydraulic motor from damage during heavy use.



BEDDING

6100H | Skid Steer / Tractor (front or rear mounted) / Compact Handler

No PTO required! Quickly mounted on a skid steer, compact handler, tractor loader or rear 3-point linkage the 6100H is the perfect machine when space around sheds and yards is limited.

Bale Processing - Simplified



Skid Steer



Tractor Rear



Compact Wheeled Loader

6100H | HANDLER / TRACTOR

TYPE SPREAD STRAW

Three point mounted for improved manoeuvrability and easier reversing.



Shown with optional hydraulic bale clamp and side extensions

Standard equipment

Electronic in-cab Wi-Fi controls | Swivel chute with 280° deg. rotation | Single crossbeater | Load sensing crossbeater | Start/stop fan

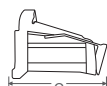
Optional equipment

Hydraulic bale clamp | Side extensions | Telehandler brackets | Skid steer bracket/plate | Tractor loader euro brackets
Tractor rear 3 point Linkage brackets | Hydraulic oil filter



A = Overall Height (in)

B = Overall Width (in)



C = Overall Length without brackets (in)



Capacity ft³



No. Bales 5' Round



No. Bales Rectangular



Power min HP



Capacity min



Weight without brackets lbs

81"	◆68" ◆71"	◆96" ◆106"	60'	1	48" x 48" x 52" (half)	70	1.4t	◆1713 ◆1892
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◆ = standard machine ◆ = with bale clamp fitted

Handler / Tractor requirements (minimum)

Oil Flow (min) ◆1.5 gal/min ◆13.2 gal/min

Oil Pressure (min) ◆◆2320 psi

Oil Flow (max) ◆20 gal/min ◆20 gal/min*

Oil Pressure (max) ◆◆3045 psi**

* Oil flow at headstock. ** The hydraulic system requires a single acting valve with an unrestricted return. Maximum return line pressure: 20 bar (290psi).

Electrical / Hydraulic

Electrical - In-cab Wi-Fi control box has a cigarette lighter connection, a COBO (D-socket) connection option is also supplied. Cables are supplied to connect the 6200H to either a tractor COBO or direct to the battery.

Hydraulic - A 3/4" freeflow return is advised to optimise performance for high output users. Some tractor models may require a dealer fit kit. A male 3/4" flat face fitting is supplied loose with the tractor mounting bracket kit for connection to the 6100H.

OPTIONS



Bale clamp

Hydraulic lift/lower via in-cab tethered Wifi control box.



Side Extensions

For extra capacity from the same compact bale processor.



Tractor Bracket

Is available to fit Category II and III linkages.



Telehandler / Skid Steer Bracket

Are available for most Skid Steer, Telehandler and Pivot Steer models.

BEDDING

6200H | Handler / Tractor

Access all areas with the handler mounted Tomahawk 6200H. Front mounting offers unsurpassed visibility of the livestock when bedding down.

No PTO required! Quickly hitch up and connect hydraulic and electric supplies. The three-point tractor bracket allows the machine to be mounted either in front or behind the tractor.

Bale Processing - Simplified



Tractor Rear



Scan for
VIDEO

6200H | HANDLER / TRACTOR

TYPE SPREAD STRAW

Telehandler or Pivot Steer mounted for improved manoeuvrability and visibility.



Standard equipment

Electronic in-cab Wi-Fi controls | Swivel chute with 280° deg. rotation | Single crossbeater | Hydraulic loading gate
Load sensing crossbeater | Start/stop fan

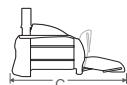
Optional equipment

Hydraulic filter | LED road lighting kit | Blade kit | Ski-jump chute | Remote tailgate switch | Flow divider



A = Overall
Height (m)

B = Overall
Width (m)



C = Overall Length
Tailgate up (m) Tailgate down (m)



Capacity
m³



No. Bales
5' Round



No. Bales
8' Rectangular



Power
min



Capacity
min



Weight
without brackets

99"	66"	106"	157"	105ft ³	1	1 (4'x3') 1 (4'x4')	80	2.8t	3,328 lbs
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Handler / Tractor requirements (minimum)

Oil Flow (min)	60 l/min (13.3 gal/min)	Oil Flow (max)	120 l/min (26.6 gal/min)*
Oil Pressure (min)	160 bar (2320 psi)	Oil Pressure (max)	270 bar (3915psi)**

* Oil flow at headstock or back of tractor. ** The hydraulic system requires a single acting valve with an unrestricted return. Maximum return line pressure: 20 bar (290psi).

Hydraulic / Electrical

Hydraulic - A 3/4" freeflow return is required to optimise performance for high output users. Some tractor models may require a dealer fit kit. A male 3/4" flat face fitting is supplied loose with the tractor mounting bracket kit for connection to the 6200H.

Electrical - In-cab Wi-Fi control box has a cigarette lighter connection, a COBO (D-socket) connection option is also supplied. Cables are supplied to connect the 6200H to either a tractor COBO or direct to the battery.

OPTIONS



Ski Jump Chute

Hydraulically controlled and requires an auxiliary service. Designed for bedding pig arcs and mulching beneath fruit trees.



Loading Gate Switch

Control the loading gate and bed chain from the ground when loading with the remote loading gate switch.



Blades or hooks

Hooks are fitted to the crossbeater as standard to minimise dust. Blades (shown above) available as an option for difficult materials.



Road Lighting Kit

Essential for highway use, the rear markers ensure that you operate safely when travelling on the road.

Other - In-Line High Pressure Filter prevents contamination damaging the valve equipment.
Options - Hydraulic Flow Divider required for Hyd oil flows over 31 gpm (26.6 gal/min) / 270 bar (3915psi) @ 80°C (176°F).

FORWARD thinking



Quick Hitching

With no PTO the machine is powered from the tractor or telehandler hydraulics.



Straightforward Operation

Focus on the bed, not the bale. The 6200H load sensing system manages the bed and crossbeater functions.



Save straw

Owners report 25-30% straw savings. Create a bed with the structure and absorbency for livestock comfort and cleanliness.

INTELLIGENT CONTROL at the touch of a button

Electrohydraulic controls carefully balance the oil flow between the Fan, Bedchain, Crossbeater and Chute Control so you can focus on the job at hand.

1 | Wireless control

A tried and tested tethered WiFi control box communicates with the Tomahawk 6200H. A 12V supply is the only wired connection.

2 | Push button operation

Start / Pause / Stop the machine at the touch of a button. Tailgate and Chute rotation/elevation also controlled via the intuitive control desk.

3 | Load sensing

A pressure switch monitors the load on the crossbeater and automatically reverses the bedchain and crossbeater when overloaded.



4 | Start/stop fan

To prevent blocking the fan has priority oil flow. If you need to move between pens or avoid drinkers you can pause/start the flow of straw at the touch of a button.

5 | Optimised processing

The bed and beater reverse time can be adjusted using the control box to optimise the performance with round / rectangular bales. The activation pressure for reversing is also adjustable using a thumb screw.

BEDDING CLOSE TO NATURE

Reduce dust for Loose Housing

The low speed crossbeater with auto-reverse function gently teases the bale apart, minimising the amount of dust that is created.

Straw is left long to create an effective bed structure, keeping livestock comfortable.

Bedding down is straightforward so straw can easily be applied 'little and often' to keep livestock clean.

Also for:

LANDSCAPING
MULCHING
POULTRY BEDDING



customer REVIEW



TELEHAWK T2

(NOW KNOWN AS THE 6200H)

**31% STRAW SAVING
+ A MORE ABSORBENT BED!**



SPREAD STRAW

UP TO 44' IN BEDDING AREAS

BALE CAPACITY

1 X ROUND / 1 X RECTANGULAR

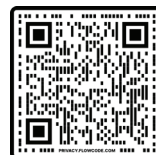
James Martin of Stonehall Farm, Sussex, purchased the Telehawk T2 after a successful demo.

"We used to bed our 160 suckler cows by hand, rolling out bales manually, which was very time-consuming. After trying the Teagle Telehawk T2, we quickly saw the benefits. We tested it on a barn that normally required four bales but was nearly covered after just two, showing us, we would save significantly on straw."

James also highlights the machine's efficiency: "The 280° swivel chute allows us to spread straw evenly while moving through the yard. The way the Telehawk teases apart the bales creates a more absorbent bed, leading to better manure consistency. The load-sensing mode prevents even the most challenging bales from jamming and keeps the straw flowing smoothly." He adds, "The Wifi controls are extremely convenient, staying in the telehandler cab all winter for easy access - one less thing to plug in and out."

James concludes,

"Thanks to the Telehawk, we've reduced our straw usage from 65 bales a week to just 45. I highly recommend giving this machine a try—it never left our farm after the demo."



Scan for
VIDEO

PAINT LINE investment



State of the art
automated
Primer Powder Booth

As part of our commitment to improving product quality, we have invested heavily into an ALL-NEW DOUBLE POWDER COAT PAINT LINE facility which became operational at the start of 2023.

Housed in a new purpose built 20,450ft² building, our new paint line replaces our previous single power coat line and delivers market leading paint quality.

The new system features state of the art automation through the following processes:

- 1 **Shot blasting**
- 2 **Primer Powder Application**
- 3 **Green Cure Oven**
- 4 **Top Coat Powder Application**
- 5 **Final Cure Oven**
- 6 **Quality Inspection**

The full powder recovery system cleans and recycles unused powder resulting in zero waste.

To improve paint adhesion, we have also invested further in our prepaint

processes, with parts cleaned and processed through a finishing machine, removing sharp edges and reducing the risk of paint failure on edges.

The result is a rounded edge, benefiting from two applications of powder coat paint which offers much greater protection from corrosion and chemical attack.

Our in-house quality control includes 1,000 hours of salt spray testing on sample parts to replicate a 10 year operating life.



Watch the video



Automated Shotblaster



Top Coat Powder Application



Quality Control Inspection

QUALITY

All of our trailed implements are manufactured in accordance with In Homologation certification according Article 35 of Regulation (EU) No. 167/2013.

Achieving this certification requires a stringent quality control system to achieve Conformity of Manufacture.

The Teagle quality team operate a system that ensures continuous improvement in all of our processes from supplier auditing, internal training, activity documentation, and of course the final quality inspection.



OUR FUTURE ENGINEERS

In order to future-proof our business, experienced members of our production team are complemented by our Apprentice Programme which delivers a broad range of qualified skills. Over 10% of our production team are currently either in, or graduated from, our programme which was established in 2021.

In partnership with our local further education college we can ensure academic rigour as well as broad experience with rotation through all of our production departments under the guidance and coordination of our Apprentice Mentor and Supervisor group.



KING'S AWARD FOR EXPORT

Teagle is delighted to have won a King's Award for Enterprise for International Trade in recognition of its significant growth in Export Sales.

Through continuous design innovation and a commitment to manufacturing quality products Teagle have expanded a strong UK following to include farmers operating Teagle's market leading range of 'Tomahawk' Bale Processors in over 120 countries worldwide. Reliability and first class after-sales support is critical when operating overseas, and is provided through a team of over 50 experienced distributors, guided by Teagle's own export Sales Managers based in key markets who provide local backup to customers and feedback to the team back at base.



AN IMMERSIVE EXPERIENCE!

Whether it's mastering crop rotation or expanding your farm, Farming Simulator provides an engaging and educational insight into the challenges of modern agriculture. Teagle are pleased to share the brand new Tomahawk 6200H model to assist you with looking after your virtual herd, available to download for free on the ModHub.

The detailed 6200H mod allows selection of the telehandler or tractor bracket type with fully functional loading gate, chute movement and bale processing operation.

Now available for PC and Console, you can also try out our brand new Tomahawk 8200 and C120 Tub Grinder models, as well as the Titan manure spreader.



SPECIFICATIONS



6100H

6200H

8200 M

8200 T

8250 M

Chute	Swivel	Swivel	Swivel	Swivel	Swivel
Dual Chop	No	No	No	No	Yes
Silage	No	No	Yes	Yes	No
Straw	Spread	Spread	Spread	Spread	Chop/Spread
Crossbeaters	1	1	1	1	1
Capacity (ft³)	1.7	105	113	113	113
No. of 5' round bales	1	1	2	2	2
No. of 8' rect' bales (4'x 2'6" / 4'x4')	0.5	1/1	1/1	1/1	1/1
Bale chamber (tailgate down) W x H x L	50"x 31.5" 48"	56"x 48" x 114"	56" x 53" x 118"		
Blow distance (max.)	40ft	45ft	65ft	65ft	65ft
Min. tractor PTO HP	70HP	80HP	140HP	60HP	150HP
Overall width (chute closed)	◆68"◆71"	66"	74"	80"	74"
Overall length (tailgate up)	95"	106"	118"	162"	118"
Overall length (tailgate/bale clamp down)	106"	157"	189"	235"	189"
Overall height (chute closed)	81"	99"	96"	101"	96"
Unladen weight (lbs)	◆1713◆1891lbs	3328 lbs	4458 lbs	4879 lbs	4774 lbs
Tyre size	N/A	N/A	N/A	10.00/75-15.3	N/A
Oil flow rate (min/max) (l/min)	10.5-19.8gpm	15-31gpm	9-16gpm	9-16gpm	9-16gpm

◆= standard machine ◆= with bale clamp fitted

Standard/Optional Equipment	6100H	6200H	8200M	8200T	8250M
Side discharge chute	N/A	N/A	N/A	N/A	N/A
Hydro shield	N/A	N/A	□	□	□
Tailgate Extension	N/A	N/A	N/A	N/A	N/A
In-Line High Pressure Filter	N/A	■	■	■	■
Clevis Drawbar & Jack	N/A	N/A	N/A	□	N/A
Wide Angle PTO	N/A	N/A	N/A	□	N/A
Swivel Chute Extension	N/A	N/A	□	□	□
Auto Chain Lubrication	N/A	N/A	□	□	■
Ski-Jump Chute	N/A	□	□	□	□
SYNCHRO Control	N/A	N/A	■	■	■

Key: □ Optional Equipment ■ Standard Specification N/A Not Available

SPECIFICATIONS



8250 T	8500 SC	8555 SC	9500	9500 SC	1010	1010 SC
Swivel	Swivel	Swivel	Side	Swivel	Side	Swivel
Yes	No	Yes	No	No	No	No
No	Yes	No	Yes***	Yes***	Yes***	Yes***
Chop/Spread	Yes	Yes	Yes	Yes	Yes	Yes
1	1	1	2	2	2	2
113	159	159	283	283	353	353
2	2	2	3	3	3***	3***
1/1	1/1	1/1	2/1	2/1	4/2	4/2
56" x 53" x 118"	67" x 49" x 117"		67" x 61" x 157"		67" x 62" x 224"	
65ft	72ft	72ft	82ft	72ft	82ft	72ft
80HP	80HP	80HP	80HP	80HP	80HP	80HP
80"	85"	85"	98"	87"	95	95"
162"	163"	163"	205"	205"	243"	243"
235"	212"	212"	249"	249"	313"	313"
101"	109"	109"	114"	114"	115"	115"
5196 lbs	4586 lbs	5324 lbs	6629 lbs	6651 lbs	7893 lbs	7915 lbs
10.00/75-15.3	12.50/80-15.3		305/55 R22		385/55 R22.5	
9-16gpm	9-16gpm	9-16gpm	9-16gpm	9-16gpm	9-16gpm	9-16gpm

8250T	8500 SC	8555 SC	9500	9500 SC	1010	1010 SC
N/A	N/A	N/A	■	N/A	■	N/A
□	□	□	□	□	□	□
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The company's policy is one of continuous improvement and development, therefore specifications are subject to change without prior notice.

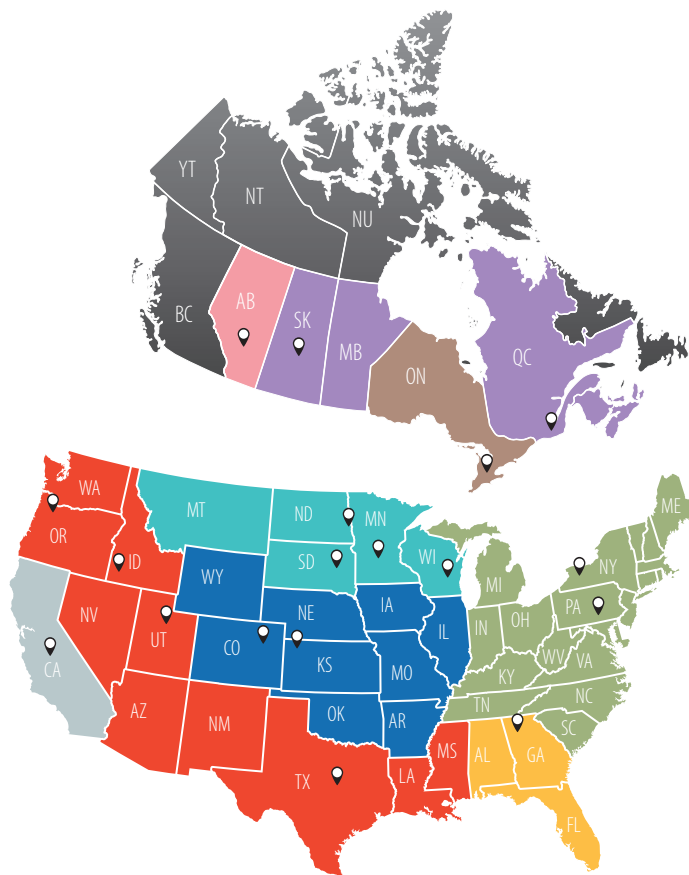
Teagle

With over **85 years** experience in designing and manufacturing of agricultural machinery you can be confident when you choose Teagle.

Contact us today to discuss your individual requirements.

CALL OUR SALES OFFICE

TOLL FREE
855 383 2453



NORTH AMERICA SALES MANAGER Andy Robson 252 292 0911

Toll Free: 1-855-383-2453 1-855-3TEAGLE salesna@teagle.co.uk www.teaglemachinery.com

KEY:

Distributor Locations ■ Beaver Valley Supply ■ Cummings & Bricker ■ Edney ■ General Implement
■ Harco ■ Implement Sales ■ Laird Manufacturing ■ MTI Canada ■ Tram Sales



Tomahawk 404M



Tomahawk 505FSM



Tomahawk C120

View our full range at **teagle.co.uk**

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TOM6200BOBDUSA

Tomahawk

Bale Processors

Teagle



www.teaglemachinery.com

TOMAHAWK

Bale Processors



The Tomahawk range of Bale Processors.
First for quality, performance and reliability.



Teagle Machinery Ltd was established over 75 years ago, manufacturing the first Tomahawk bale shredder in 1983. We remain a family business focussed on meeting the needs of our customers whether just around the corner, or in one of the 35 countries worldwide to which we regularly ship 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, even under the toughest conditions. As sales of Tomahawk Bale Processors continue to grow, the reasons that customers return time after time to buy 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. With the largest range of models from any manufacturer we ensure that our customers benefit from ease of use, the best performance, and day-in day-out reliability. Through our 35 years experience in the design, manufacture and support of Tomahawk Bale processors, Teagle are recognised internationally as a specialist in this field.

Backup – After-sales support is our priority, requiring commitment to a comprehensive parts stock and effective Dealer network. We set aside part of our 269,098ft² facility in Cornwall to a substantial stock of wearing and non-wearing parts to keep you up and running.

Teagle



400 Series
404M/4040



400XL Series
404XLM/4040XL



500 Series
505M/5050



500XL Series
505XLM/5050XL

Why own a Teagle bale processor?

1 For Processing

Pre-process straw for feed.

Achieve consistency - provide a consistently short and palatable feed component.

Process on demand - no need to stockpile.

Improve efficiency - reduce operating time of mixer wagon.

Prevent over-processing - of silage in a Total Mixed Ration.

2 For Bedding

Cleaner and healthier livestock lightly shredded straw improves moisture absorbance for cleaner lying areas.

Save straw - users regularly report up to 30% savings by spreading the correct amount of straw evenly across the bedding area.

Labour saving - one person can quickly and easily bed livestock.

Safer - no need to enter the pen.

Better Manure - straw is evenly incorporated into the muck.

3 For Feeding

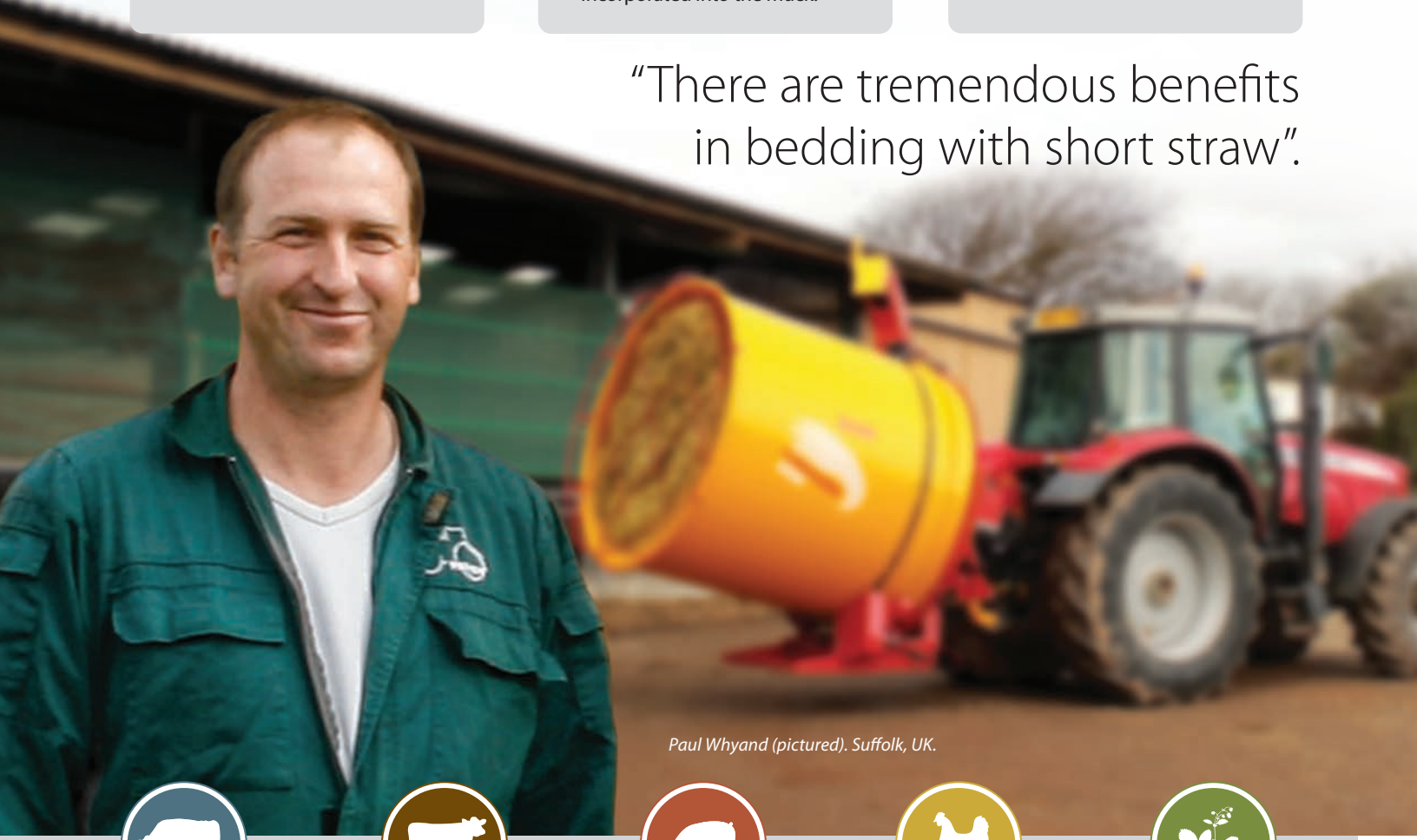
One machine, two jobs bed down and feed with the same machine.

Versatility - If you can bale a crop, we can shred it! Feed clamp or baled silage, hay and root crops.

Improve palatability - users report increased feed conversion of shredded bale silage.

Reduce wastage - selective feeding/sorting is reduced.

“There are tremendous benefits in bedding with short straw”.



Paul Whyand (pictured). Suffolk, UK.



Dairy



Beef



Pigs



Poultry



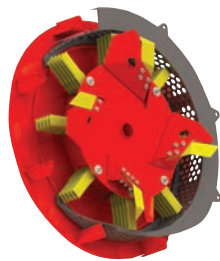
Mulching

Select the drum to suit your bale size



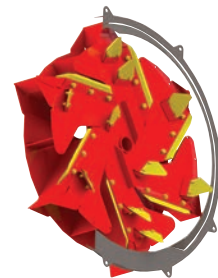
MODEL	400 Series	400XL Series	500 Series	500XL Series
DRUM				
Diameter	⊖ 5'1"	⊖ 5'1"	⊖ 5'9"	⊖ 5'9"
Length	≡ 5'1"	≡ 9'8"	≡ 5'1"	≡ 9'8"
Optional Length	≡ 6'1"	–	≡ 6'1"	–
BALES				
ROUND				
1.2m (4')	1 x bale capacity	2 x bale capacity	1 x bale capacity	2 x bale capacity
1.5m (5')	–	–	1 x bale capacity	2 x bale capacity
RECTANGULAR				
4' x 3' x 8'	–	1 x bale capacity	–	1 x bale capacity
4' x 4' x 8'	–	–	–	1 x bale capacity

Select rotor type



MILLING

TMR/Cubicles/Poultry/Pigs
Short Straw 3/8" - 5"



CHOPPING

Loose Housed Bedding/ Feeding
Long Straw/Silage/Hay

400 Series Model	404M	4040
400XL Series Model	404XLM	4040XL
500 Series Model	505M	5050
500XL Series Model	505XLM	5050XL

404M/505M



Screens can be changed, with hole diameters from $\frac{3}{8}$ " - 5"

SUITABLE FOR: Processing short material for TMR, Cubicles, Poultry Bedding or Biomass

Milling system

Interchangeable screens made in Hardox® wear plate enable calibration of Straw / Dry materials from $\frac{3}{8}$ " to 6" (recommended moisture content <20%). Process and discharge material to either side of the machine.

Spread Distance

up to 30'*

Output

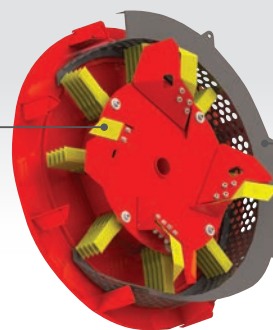
up to 2.5t/hr*

Output Length

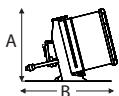
$\frac{3}{8}$ " - 6" **

Four central blades tear the bale apart

**For extended service life interchangeable screens use Hardox® wear plate



Available with blades to cleanly chop, or hammers to grind.



MODEL	A	B	C	Round Bales	Rectangular Bales	Min.	lbs	PTO*
404M	7'2"	7'9"	10'	1 x 4'	—	80	1992	1000
404XLM	8'4"	12'4"	10'	2 x 4'	1x (4' x 3' x 8')	120	2473	1000
505M	8'	7'9"	10'	1 x 5'	—	80	2138	1000
505XLM	9'2"	12'4"	10'	2 x 5'	1 x (4' x 4' x 8')	120	2910	1000

Swivel Giraffe Chute	○	Hydraulic Deflectors	○	Hydraulic Top Link	○
Giraffe Chute	○	Strawberry Chute Kit	○	Lower Chute Kit	●
Quick Hitch A-Frame	○	Fine tailgate mesh (400/500 series)	○	Wide Angle PTO	○

For options details see page 8. * Depending on chop length.

Key: ○ = Optional ● = Standard N/A = Not Applicable



SUITABLE FOR: Spreading long straw for loose housing or dispensing Hay / Silage for feeding

Chopping system

Even the toughest bales can be processed with ease. The robust chopping rotor shreds material from round or rectangular bales and delivers a steady feed to either side of the machine* Also suitable for root crops.

Spread Distance

up to 30'**

Output

up to 3.0t/hr

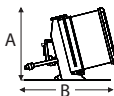
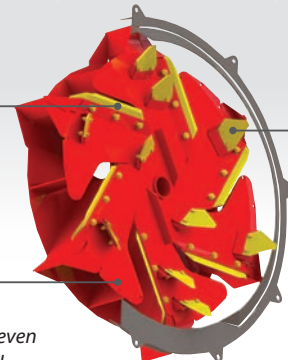
Output Length

6" - 8"

Long blades chop material

Triangular blades tear bale apart

Rotor delivers a steady feed rate, even with wet material



MODEL	A	B	C	Round Bales	Rectangular Bales	Min.	lbs	PTO*
4040	7'2"	7'9"	7'7"	1 x 4'	—	80	1787	540/1000
4040XL	8'4"	12'4"	7'7"	2 x 4'	1 x (4' x 3' x 8')	120	2268	540/1000
5050	8'	7'9"	7'7"	1 x 5'	—	80	1933	540/1000
5050XL	9'2"	12'4"	7'7"	2 x 5'	1 x (4' x 4' x 8')	120	2705	540/1000

Swivel Giraffe Chute (straw only)	○	Hydraulic Deflectors	○	Hydraulic Top Link	○
Silage Giraffe Chute	○	Strawberry Chute Kit	○	Lower Chute Kit	○
Quick Hitch A-Frame	○	Fine tailgate mesh (400/500 series)	○	Wide Angle PTO	○

For options details see page 8. *Optional lower chute kit required for LH discharge.

** Distance reduced to 32'10" at 540rpm PTO speed

Key: ○ = Optional ● = Standard N/A = Not Applicable

T500BM



Model shown:
T500BXL

SUITABLE FOR: Delivering milled bedding / mulching materials up to 98' from the Mill

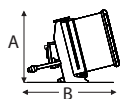
Remote distribution

Access all areas; minimise livestock disturbance and risk of biocontamination. Based on our mill system (see page 3) the turbo fan enables centralised processing and remote transfer of milled material via a flexible hose and/ or fixed manifold system.

Capacity (Max)	Tractor HP (Min)	Material output
Up to 2.5t/hr	120	5/16" - 2"



The independent hydraulic system is PTO driven, featuring onboard pump, tank and fan cooled radiator.



MODEL	A	B	C	Round Bales	Rectangular Bales	Min.	lbs	PTO*
T500BM	8'0"	8'4"	10'3"	1 x 5'	—	80	3064	1000
T500BXL	9'2"	13'0"	10'3"	2 x 5'	1 x (4' x 4' x 8')	120	3703	1000

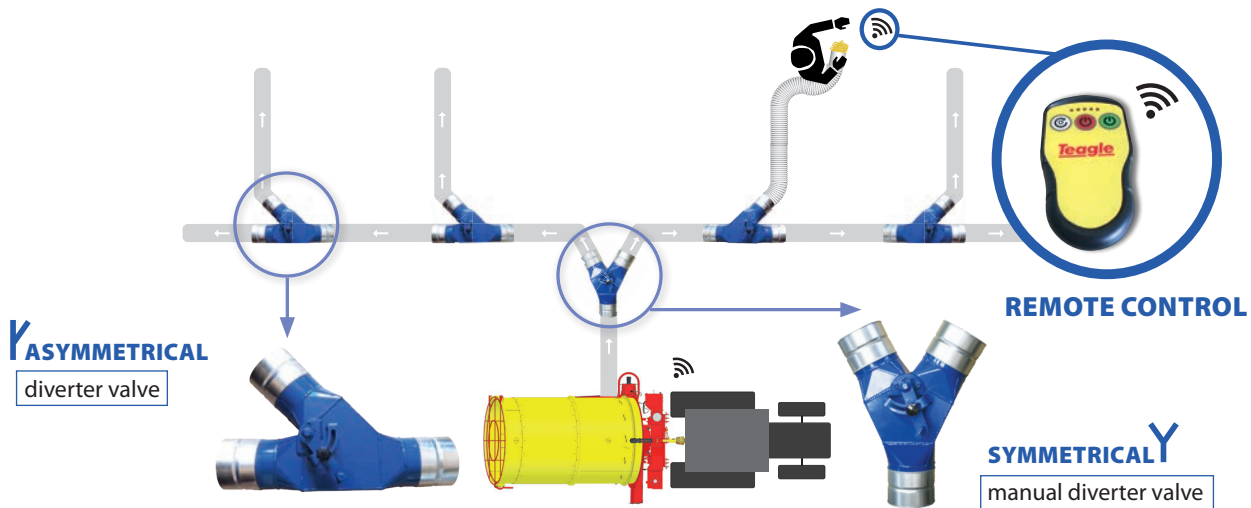
Rearward deflector	○	Liquid spray kit	○	65' hose kit (5")	○
Duct Divertor Valves	○	Trailed Chassis	○	Radio Remote control	●
WAG PTO	●	Fine Mesh tailgate	●	Dust sealing kit	●

For options details see page 8. * Depending on chop length. ** (chute closed/open)

Key: ○ = Optional ● = Standard N/A = Not Applicable

Remote control and optional manifold components

As standard the T500BM is supplied with a radio remote control to enable the operator to start/stop material flow up to 98' from the machine. Options include 65' lengths of flexible hose (5") and high specification mechanical diverter valves to enable assembly of bespoke fixed manifold systems.



Liquid Spray Kit

DUST SUPPRESSION FOR DRUM TOMAHAWKS

The liquid spray kit can be fitted to any model in the 400 - 500 Tomahawk range to reduce dust from milled straw, or to enable the application of anti-bacterial products to bedding.



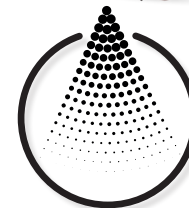
TANK

- Suitable for Water / Antibacterial liquids
- 15.8 us gallon capacity
- Robust polypropylene
- 12 volt pump system up to 60 psi
- Tank includes drain point



SPRAY SYSTEM

- Flow activated when T500BM starts
- Manual Valves control flow to LH/RH sides
- Pressure / Flow adjustment
- Maximum 3 nozzles per system
- Anti-drip nozzles



T500B fitted with trailed chassis (see page 9) and spray kit.

HIGH PRESSURE LIQUID SPRAY SYSTEM

- Apply disinfectant to bedding or water for dust reduction

Features



ROUND AND RECTANGULAR BALES

4' or 5' round bales, with drum extensions available for 8' rectangular bales.



DISCHARGE TO ONE OR BOTH SIDES

Chutes can be open or shut independently. Various chutes are available for special applications, see options on page 8.



STRAIGHT-FORWARD LOADING

Horizontal drum can easily be loaded. A hydraulic top link enables easy adjustment of drum angle.



MANOEUVRABLE

Machine weight is close to tractor, ensuring manoeuvrability even with smaller tractors.



EASE OF OPERATION

Simply start the cutting rotor, and then adjust the drum speed of rotation to control the discharge rate.



ACCESSORIES FOR EASE OF USE

For easy hitching-up and adjustment of the drum angle select the optional A-Frame attachment and hydraulic top link.

Suitable for feeding and bedding

MILL, CHOP OR SHRED. Rotors available for straw, hay, silage and root crops.

CHOP STRAW SHORT



SPREAD LONG STRAW



CHOP HAY SHORT



DISTRIBUTE BALED SILAGE



- Poultry & cubicle bedding
- TMR Pre-processing

- Loose housing
- Landscaping/Mulching

- TMR Pre-processing
- Barrier Feeding

- TMR Pre-processing
- Barrier Feeding



STRAW GIRAFFE CHUTE

Increase delivery height and blow distance. Dry materials only.



SWIVEL GIRAFFE CHUTE

Increase delivery height, available with hydraulic rotation and deflector. Dry materials only.



SILAGE GIRAFFE CHUTE

Increase delivery height and blow distance.



HYDRAULIC DEFLECTOR CONTROL

Available for all chutes except lower chute kit.



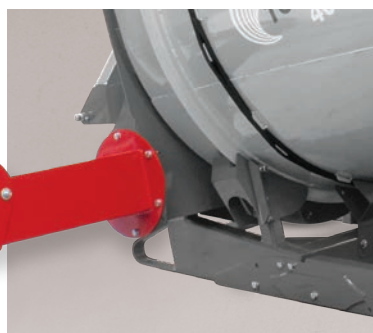
STRAWBERRY CHUTE KIT

Quickly and conveniently lay straw mulch between rows on both sides of the tractor, the chute kit can be fitted to the discharge chutes on both sides of the machine.



HYDRAULIC TOP LINK

For straightforward, in-cab adjustment of drum angle and feed rate. Not suitable for XL models.



LOWER CHUTE KIT

Required for delivery to left hand side of machine. Dry materials only. Includes open/closed control.



TAILGATE MESH

Available for all models to improve containment. Standard on T500BM.

Trailed Chassis

STRIKE THE BALANCE WITH A SMALLER TRACTOR . . .

A trailed chassis to accommodate all models in the Drum Tomahawk range. Convenience, control and improved travel.



TRACTOR REQUIREMENTS

Hydraulic services: 2 double acting services required (pivoting axle and drum rotation).
Minimum Tractor size (PTO): 80HP for chopping/100HP for milling.

Dimensions	400XL	500XL
Overall Height Lowered	114"	124"
Overall Height Raised	130"	140"
Overall Machine Width*	80"	80"
Overall Length (with Tomahawk)	191"	191"
Clearance Under Chassis**	8"	8"

* Chassis kit width – for Tomahawk widths refer to page 12

** Drawbar height 18"

Case Study



THE HEINIGERS purchased a Teagle 505M for adding fiber to the ration. They use 2.5kg of dry hay per ration for the lactating cows and 6.5kg for the cows in calving preparation. They shred 30 large square bales a month, dry storing and used daily for adding to the self-propelled mixer along with silage.
"The cut must be absolutely uniform to avoid

the cows sorting through the ration and the clean cut ends help to scratch the rumen of the cow and improve the assimilation of nutrients in the diet. Adding fiber to the diet improves the balance between protein and energy. "It's like a triangle, you need to get the best balance between protein, energy and fiber to have the best results." Getting more fiber into the diet also has other benefits, as well as increasing

the butterfat by .2% after only 2 weeks it has added health benefits of improving the BHB levels and fertility and there has been a marked decrease in problems with acetonemia (glucose deficiency). Labour time is reduced by the simplicity of operation and maintenance, making it faster and safer than a forage harvester along with the added benefit of it being more affordable.

The benefits of adding processed straw to a TMR



"Our results show how beneficial consistently pre-processed straw is in obtaining good dry cow intakes, even over straw that is mixed well in a wagon."

James Johns (pictured) farms a herd of 260 high performance Holsteins at Sixty Acre Farm, UK.

- In dry cow rations straw can be used to control energy intake and reduce the risk of milk fever.
- In milking cow rations straw can be very useful as physically effective fibre when required.

"For either group the key to feeding straw is incorporation to create a homogenous mix. Poorly processed straw will not blend which can encourage cows to sort the ration, making the problem worse rather than better."

Jeremy Hamilton, Three Counties Feeds

Trial undertaken by **Three Counties Feeds** at **Sixty Acre Farm**

A farm trial was conducted to investigate whether processing straw before it is added to a total mixed ration (TMR) increases the dry matter intake of dry cows fed a ration with high straw inclusions.

The far off dry cow ration contained 13.2lb of straw and the transition ration 8.8lb, the effectiveness of these rations depends totally on good feed intakes.

Control rations were prepared using the mixer wagon to chop and incorporate the straw, as best as this equipment would

allow prior to the trial. At this point feeding was already at a high standard.

Without changing anything else the straw was pre-processed to 1 inch in length. When the cow's intake increased, the portions were increased, with the diet proportions staying constant.

Before straw was pre-processed the far off dry cows ate 47.5lb, after processing they were eating 57lb - equating to 20% more. The transition group ate 9% more - a significant improvement in this critical stage.

"With improved and more consistent straw intakes we are better equipped to control metabolic stress in fresh cows, which can cause issues such as retained placenta and metritis. Getting off to a better start these cows have less negative energy balance and sub-clinical ketosis. Straw rations can also help prevent milk fever."



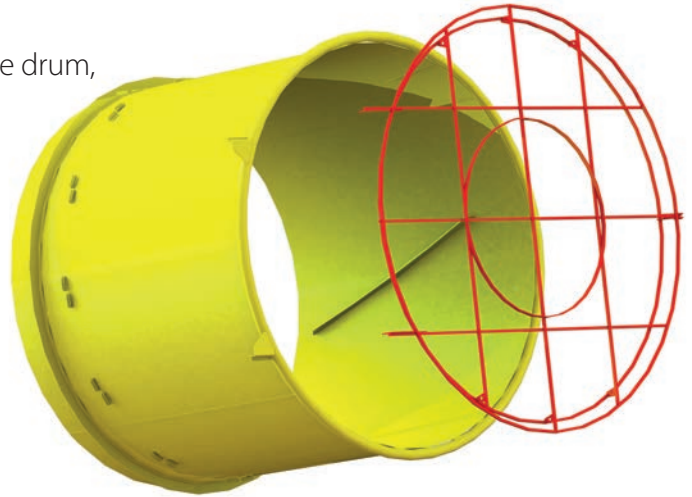
Pictured (left to right) Jeremy Hamilton & Andy Hawken AMTRA, DipRN. Three Counties Feeds

How it works

Whether feeding or bedding simply load the bale into the drum, start the cutting rotor and set the drum to rotate.

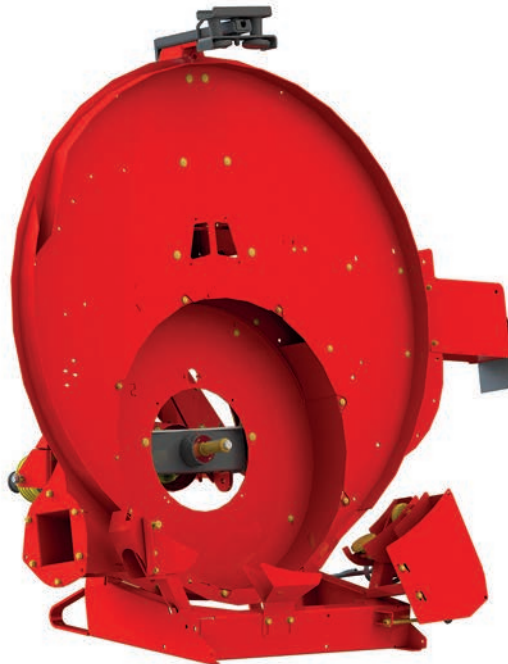
DRUM

A hydraulic motor rotates the drum via drive belts. Discharge rate is controlled by varying the drum angle and speed of rotation.



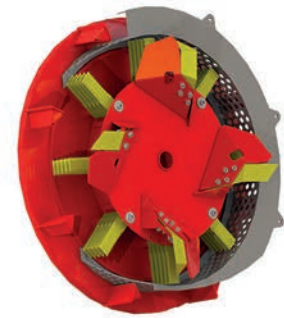
CHUTE

The rotor discharges material to one or both sides, depending on chute options. Chutes can be turned off independently.



ROTOR

Direct drive from the PTO spins the cutting rotor. As the bale rotates with the drum, material is skimmed from the end of the bale.



Built to meet your needs

From round to rectangular bales, to bed straw or feed silage - configure your Tomahawk as follows:

1

SELECT DRUM SIZE

Choose from: 400, 400XL, 500, 500XL

2

SELECT ROTOR TYPE

Choose from: Milling or Chopping

3

SELECT CHUTE TYPE

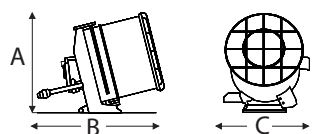
and accessories (see page 10)



Scan to watch the Tomahawk in action.



Specifications



SPECIFICATIONS	400 SERIES	400XL SERIES	500 SERIES	500XL SERIES
Maximum Round Bale Diameter	4'0"	4'0"	5'0"	5'0"
Maximum Rectangular Bale Size	N/A	4' x 3'	N/A	4' x 4'
Overall height (A)*	7'2"	8'4"	8'0"	9'2"
Overall Length (B)	7'9"	12'4"	7'9"	12'4"
Drum Diameter	5'2"	5'2"	6'0"	6'0"
Drum Length (standard)	5'1"	9'11"	5'1"	9'11"
Long Drum (optional)	6'1"	N/A	6'1"	N/A
Lower Chute discharge height*	1'4"	1'4"	1'4"	1'4"
Upper Chute discharge height*	3'9"	3'9"	3'9"	3'9"
PTO power required**	80HP	120HP	80HP	120HP

Mill (see page 3)	404M	404XLM	505M	505XLM
Transport width (C)***	6'3"	6'3"	6'7"	6'7"
Operating width (C)	10'3"	10'3"	10'3"	10'3"
Straw Giraffe discharge height*	6'0"	6'0"	6'0"	6'0"
Weight	1,993lb	2,575lb	2,138lb	2,776lb

Chop (see page 4)	4040	4040XL	5050	5050XL
Transport width (C)***	6'5"	6'5"	6'9"	6'9"
Operating width (C)****	7'7"	7'7"	7'11"	7'11"
Silage Giraffe discharge height*	5'0"	5'0"	5'0"	5'0"
Weight	1,787lb	2,369lb	1,933lb	2,570lb

Turbo Mill (see page 5)	T500BM	T500BXML
Overall Length (B)	8'5"	13'0"
Transport width (C) fan no RHC	8'3"	8'3"
Operating width (C) fan with RHC open	10'2"	10'2"
Weight	3,064lb	3,703lb

Key:

* Working heights will increase by up to 1m depending on tractor **Typical tractor size to provide adequate lifting capacity and stability

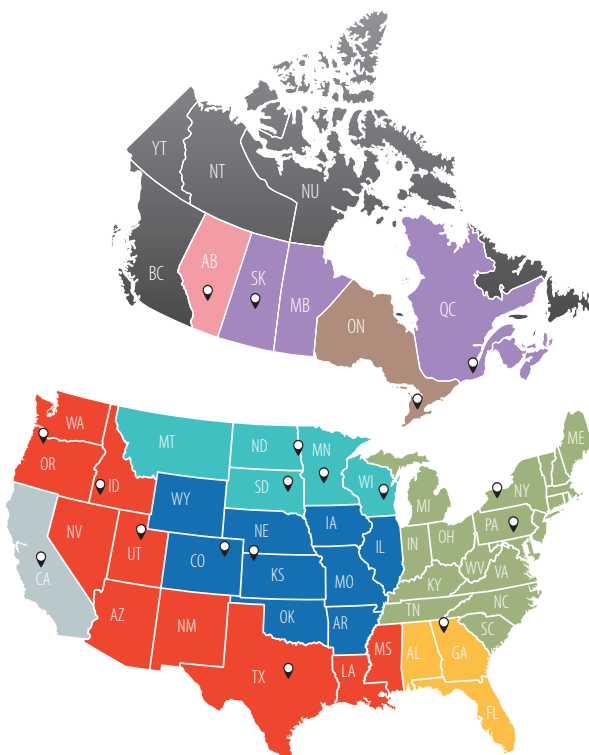
*** Chute extensions not fitted **** No optional left hand chute fitted

The company's policy is one of continuous improvement and development, therefore specifications are subject to change without prior notice.

Teagle

With over 30 years experience designing, manufacturing and supporting The Tomahawk range of Bale Processors, Teagle has established a reputation for performance and reliability, offering feeding and bedding solutions for all applications.

call our Sales Desk:
Toll Free: 1-855-383-2453



NORTH AMERICA SALES MANAGER

Andy Robson 252 292 0911

Toll Free:

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C12 Calibrator



Teagle

Teagle Machinery Ltd

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sales@teagle.co.uk

www.teaglemachinery.com

+44 Tel: 01872 560592

Tomahawk 500FS

Drum machine feed slide

Teagle



SUITABLE FOR: Processing short material for TMR, Cubicles, Poultry Bedding or Biomass

Milling system

The rear hydraulically angled slide allows constant material feed when the mill is operating in a stationary position. Output is increased up to 4 t/hr by eliminating stopping and starting of the drum / machine to load the bale.

No. round bales

(max. 62")

2

No. rect bales

(48" x 28")

2

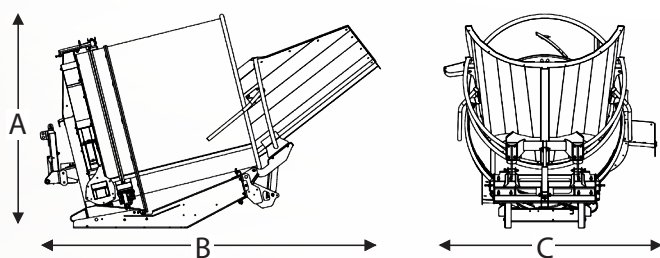
No. rect bales

(48" x 48")

1



**SEE THE NEW FEED
SLIDE IN ACTION**



SPECIFICATIONS

500FS SERIES

Maximum Round Bale Diameter	62"
Maximum Rectangular Bale Size	48" x 48"
Overall height (A)*	102"
Drum Diameter	72"
Drum Length (standard)	73"
PTO power required**	120HP

Mill

505FSM

Overall Length (B)	162"
Transport width (C)***	80"
Operating width (C)	123"
Lower Chute discharge height*	22"
Upper Chute discharge height*	50"
Straw Giraffe discharge height*	72"
Weight	3055 lbs

Silage

5050FS

Overall Length (B)	162"
Transport width (C)***	81"
Operating width (C)****	95"
Lower Chute discharge height*	22"
Upper Chute discharge height*	54"
Silage Giraffe discharge height*	60"
Weight	2840 lbs

Turbo Mill

T500BFSM

Overall Length (B)	170"
Transport width (C) fan no RHC	100"
Operating width (C) fan with RHC open	122"
Lower Chute discharge height*	22"
Upper Chute discharge height*	50"
Weight	4030 lbs



Key: * Working heights will increase by up to 36" depending on tractor **Typical tractor size to provide adequate lifting capacity and stability *** Chute extensions not fitted **** No optional left hand chute fitted

The company's policy is one of continuous improvement and development, therefore specifications are subject to change without prior notice.

teaglemachinery.com   

Toll Free: 1-855-383-2453 1-855-3TEAGLE

FSLIDE11B0BB US




Teagle Machinery Ltd | Blackwater, Truro, Cornwall TR4 8HQ | salesna@teagle.co.uk

Teagle

TOMAHAWK

T500E : Electric Mill



teaglemachinery.com   

PRECISION PROCESSING RANGE



TOMAHAWK 404/505M

Capacity up to 2.2t/hr
Material output: 3/8" - 5"
80HP (min.)



TOMAHAWK 404/505XLM

Capacity up to 2.2t/hr
Material output: 3/8" - 5"
120HP (min.)



TOMAHAWK 500B

Capacity up to 2.2t/hr
Material output: 3/8" - 5"
120HP (min.)



TOMAHAWK 500FSM

Capacity up to 3.8t/hr
Material output: 3/8" - 5"
120HP (min.)



TOMAHAWK C120

Capacity up to 16.5t/hr
Material output: 3/8" - 5"
180HP (min.)



TOMAHAWK 500E (Electric Mill)

Capacity up to 3.9 t/hr
Material output: 3/8" - 5"
45kW



 **WATCH
THE VIDEO**



TOMAHAWK 8250 | M

Capacity up to 2.5t/hr
Material output: 2" (min.)
150HP (min.)



TOMAHAWK 8250 | T

Capacity up to 2.5t/hr
Material output: 2" (min.)
80HP (min.)



TOMAHAWK 8555

Capacity up to 2.5t/hr
Material output: 2" (min.)
80HP (min.)



Established in 1937, Teagle Machinery began manufacturing the Tomahawk bale processor in 1983. 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 Tomahawk bale processors 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. Through our focus on feeding and bedding machinery over the last 40 years we are able to offer a machine to fulfil your needs.

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.

teaglemachinery.com   

ELECTRIC MILL

An automated Feed Conveyor and Straw Mill for round and rectangular bales. The mill is equipped with a 45kW (62HP) electric motor to process up to 3.9t/hr. Processed material can then be discharged at low or high level, or transferred up to 200ft with an optional transfer fan. Calibrate dry material (recommended <20% moisture content) from 3/8" to 5" by changing the screen size in the mill.

BEDDING



- POULTRY BEDDING
- CUBICLE BEDDING

FEEDING



- TMR PRE-PROCESSING

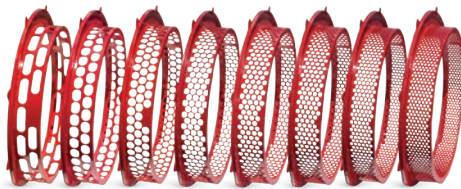
BIOMASS



- PELLETING/BRIQUETTING
- BIOGAS

STRAIGHTFORWARD PROCESSING

The T500E control system automatically manages material processing so that bales can be loaded to the conveyor and the machine set to run.

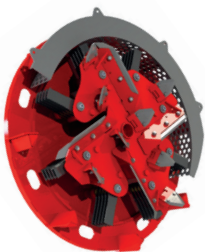


SET

Select a suitable screen size for your application.

Interchangeable screens are made in Hardox® wear plate for extended service life to enable precise calibration of Straw / Dry materials from 3/8" to 6".

Screens are available with Ø 3/8", 1/2", 19/32", 23/32", 13/16", 1", 1-1/8", 1-7/16", 2", holes and 5" slots.



PROCESS

The bales are loaded to the feed conveyor which delivers the material into the rotating drum. Output is automatically controlled by adjusting the frequency of drum rotation and conveyor feed.

As the drum rotates the mill system processes the material to the desired length. The T500E can be fitted with blades to provide a clean cut product, or hammers to break the product apart.

CONTROL



To manage peak power loading and maximise material output the control system continuously monitors the current drawn by the milling motor and adjusts the frequency of the drum rotation. The conveyor feed is then linked to ensure that the drum is continuously fed with material.

An inverter controls the main rotor motor which enables peak current to be carefully managed. Rotor and Drum motors are sequenced on Startup / Shutdown to eliminate the chance of blocking.

Communications ports are available for control of:

- Plant equipment which may request a pause or shut down of the mill system.
- Machine shutdown triggered by fencing interlock or fire systems.

Remote connectivity

The system is equipped with a SIM card for remote data collection. This enables continuous improvement of processing efficiency, as well as remote factory support and settings update.

THE ELECTRIC ADVANTAGE

✓ Lower Running Costs

A smaller drive unit

A significantly smaller electric drive (45kW / 62HP) is needed than when using a tractor (typically 90kW / 125HP) for the same output.

This is achieved in two ways:

✓ **Reduce peak loading:** Electrical current is carefully monitored and the feed rate controlled.

✓ **Non-stop feed:** The automated feed continuously provides material for the mill to process, reducing idle time.

✓ Reduced Waste

The system will automatically shut down when the feed conveyor is empty.

✓ No tractor required

Don't tie up a valuable tractor. Reduce fuel and maintenance costs.

Save time

✓ Simply load the bales and press run.

Prepare bales for loading whilst the T500E processes.

✓ Quieter

The quiet operation of the T500E reduces environmental impact in the local area.

✓ Sustainable

Reduce your environmental footprint by switching from diesel to electric drive.

REDUCE PROCESSING COSTS

	STRAW			
Output Length	3/8"	1-1/4"	2"	5"
Tons/hr*	up to 1.1tph	up to 2.2tph	up to 3.3tph	up to 4.0tph
Screen Size	3/8"	13/16"	1-7/16"	5"
Energy Consumption kWh/ton	15.0kWh/ton	7.5kWh/ton	5.0kWh/ton	4.3kWh/ton

*Typical values for wheat straw at <20% moisture. Output subject to material and moisture content.

Connection Rating: 125A hardwired

Typical Power Requirement

Running Empty: 30 Amps | **Average Running:** 45 Amps | **Peak load:** 80 Amps | **Typical power requirement:** 15 kW (21HP)

T500E

ELECTRIC DRIVE BALE PROCESSOR

Simple to use and efficient to run. The Tomahawk 500E offers semi-automated straw processing.

OPTIONAL

Outlet options

Are designed for either **low level** or **high level** discharge for feeding into a bunker or cyclone

STANDARD

Clean Operation

Mill rotor is **enclosed** for clean operation

OPTIONAL

Calibrate output

Screens can be changed from **3/8"** to **6"** to adjust output length

OPTIONAL

Distance transfer

An **11kW (15HP)** booster fan can transfer processed material up to 200ft

Standard equipment

45kW (62HP) Electric Mill System | Automated processing Control
Electric Feed Conveyor (1 section)

Optional equipment

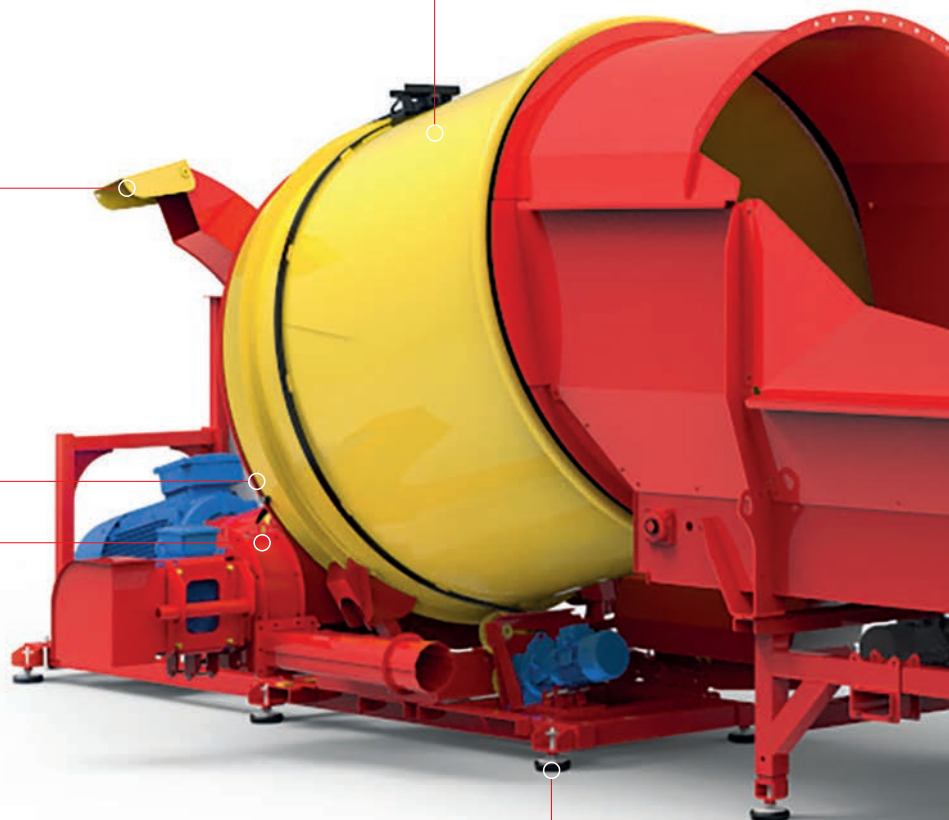
Additional feed conveyors (up to 4 total) | Various Outlet Chutes | Booster Fan to transfer processed material | Liquid dust suppression / Dust removal cyclone

See p.5 for additional information

STANDARD

Smooth operation

The T500E stands on rubber **anti-vibration feet** that can be secured to the floor



AUTOMATED processing



PROCESS OPTIMISATION

To manage peak power loading and maximise material output the control system continuously monitors the current drawn by the electric mill motor and automatically adjusts material feed rate.

A screen on the control cabinet allows the operator to fine tune parameters to optimise output. This is dependant on the material being processed, available power and the desired output length.

The controls can be integrated to associated plant equipment to run / pause the mill, and a SIM card allows remote factory optimisation.

OPTIONAL Modular conveyor system
Up to 4 conveyors can be fitted to the Mill to ensure a **continuous feed** of material to the milling rotor



STANDARD Straightforward maintenance
For exceptional reliability, components in the T500E are based on **many years of experience** with our Tomahawk range of bale processors

STANDARD Low loading height
Makes it easy to remove bale string or netwrap

STANDARD Remote conveyor startup
Initiate processing from the end of the loading conveyor

OUTLET options

CONFIGURE THE MACHINE according to your application



Electric Booster Fan

An electric fan with a 11kW (15HP) motor is available to blow straw through ducting up to 200ft long. Start/stop can be managed by the remote control.



High pressure liquid spray system

With its **unique 5-point action**, straw is sprayed with a high-pressure fine water (or disinfectant) mist reducing inhalable dust particles by 41%.

Dust Removal Cyclone

A dust collection cyclone can be fitted when the machine is combined with some automated bedding systems

Additional Conveyors

Up to four conveyors can be configured with the machine in order to increase the autonomy of the milling plant and minimise loading operations.



Right hand outlet: Blanking plate

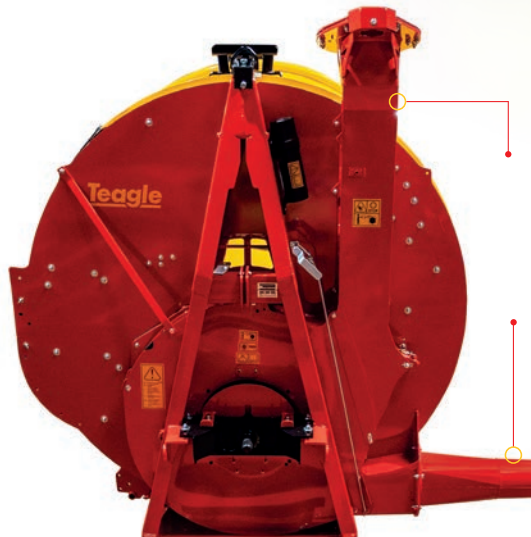
If you need a right hand output then we recommend a vertical outlet from the left hand side which passes over the top of the machine to the right hand side.

(Left/Right when viewed from feed table)

Left Hand outlet: 7" hose Adaptor

Upper vertical: Ideal for connection to a cyclone for dust extraction or to fill a bunker.

Lower horizontal: Connect a pipe to the machine at low level



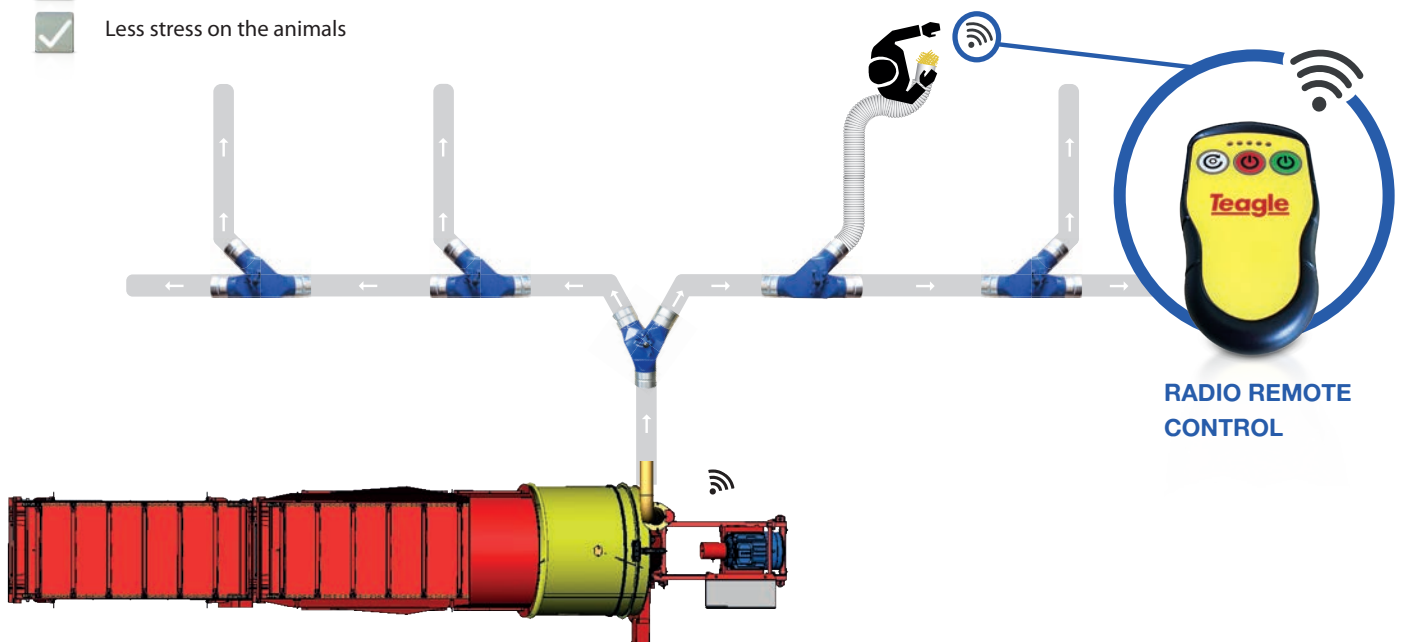


HIGH SPEED FAN

can be connected to various delivery systems

BENEFITS

- ✓ Processing system compliant with biosecurity standards
- ✓ The machine remains outside of the building
- ✓ No risk of cross contamination
- ✓ Less stress on the animals
- ✓ Quick release couplings for connection from the machine to the distribution network
- ✓ Radio remote control provides simple operation of the machine during processing



customer REVIEWS



THE BENEFITS OF ADDING PROCESSED STRAW TO A TMR



JAMES JOHNS farms a herd of 260 high performance Holsteins at Sixty Acre Farm, UK.

"Our results show how beneficial consistently pre-processed straw is in obtaining good dry cow intakes, even over straw that is mixed well in a wagon."



In dry cow rations straw can be used to control energy intake and reduce the risk of milk fever.



In milking cow rations straw can be very useful as physically effective fibre when required.

"For either group the key to feeding straw is incorporation to create a homogenous mix. Poorly processed straw will not blend which can encourage cows to sort the ration, making the problem worse rather than better."

JEREMY HAMILTON, Three Counties Feeds

TURBO MILL 500B AND 500BXL

Re-bedding is an essential step in handling a flock of turkeys correctly.



The unique rotor design combined with a fine calibrating screen makes it possible to obtain very consistent short straw of 2 cm, which is ideal for bedding poultry.

"Before I started on a batch of turkeys, I already tried the Teagle 500B on a batch of chickens. 1lb per square ft. to see how the litter would behave. I had great results, very similar to what could be achieved on wood shavings.

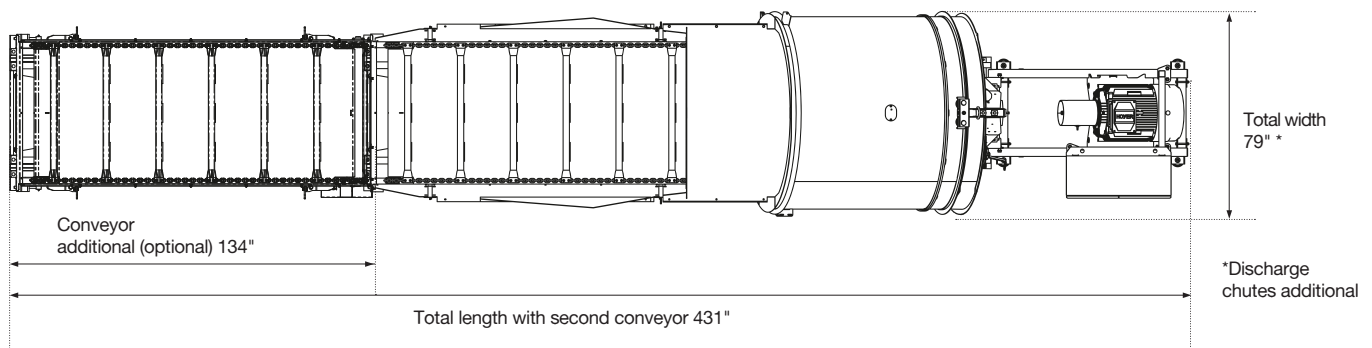
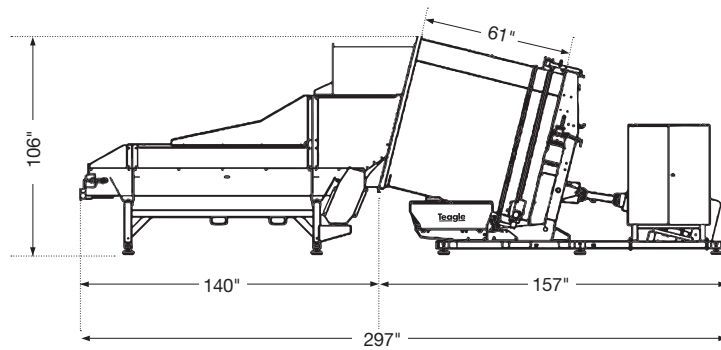
With this positive experience in hand, Henry now raises his turkeys on 100% straw bedding at a rate of 2lb per square ft. for the first layer of straw. For the re bedding, Mr Cabaud can add up to four round bales. It takes 1hr 30 from starting the tractor until it returns to the shed. "Re-bedding is an essential step in handling a flock of turkeys correctly. I notice a systematic increase

in the ADG in the days following re bedding as well as a drop in humidity in the building, this is a direct consequence of a clean, dry litter and a healthy atmosphere.

The machine is fitted with the Teagle Hydrosshield which sprays a fine mist onto the straw. It is synchronized with the drum rotation, thus starting, and stopping at the same time as straw delivery. "I see a reduction of at least 80% in dust when processing the straw. I take this opportunity to add essential oils of Thyme and Eucalyptus, on one hand, it allows me to secure the re-bedding by disinfecting the straw and on the other hand to significantly freshen up the atmosphere in the building."

HENRY CABAUD, Andelaroche de Allier

SPECIFICATIONS



GENERAL

Bale chamber diameter	71"	Weight T500E	4189 lbs
Rotor Speed	1000rpm	Weight conveyor	2755 lbs

BALE CAPACITY

Max. Round bale diameter 1.5m	60"	Max. Rectangular bales	4ft. x 4ft. x 8ft.
-------------------------------	-----	------------------------	--------------------

DIMENSIONS

Overall width	79"	Overall height	106"
T500E length	157"	T500E length with one conveyor	297"

The company's policy is one of continuous improvement and development, therefore specifications are subject to change without prior notice.

Excludes:

Electrical supply / Installation / Fencing / Guarding / Integration with Fire / Building systems

Please Note:

The Tomahawk Electric Mill and conveyors are supplied as "Partly Completed Machinery" as defined by the EU Machinery Directive 2006/42/EC Edition 2.2 – October 2019

It is the responsibility of the person / company installing the machine to ensure compliance with the essential health and safety requirements as defined in the EU Machinery Directive 2006/42/EC Edition 2.2 – October 2019.

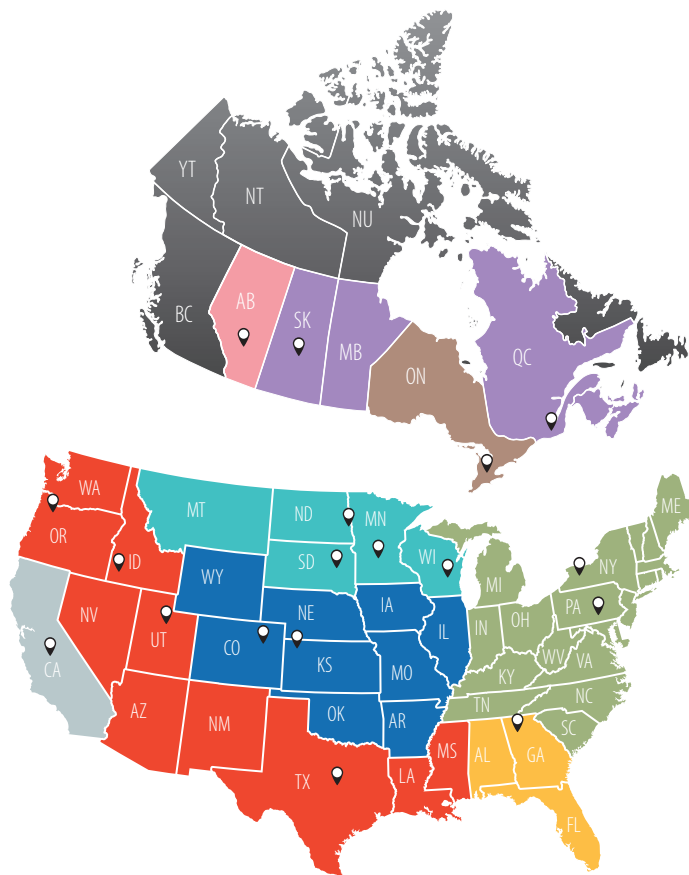
Teagle

With over **85 years** experience in designing and manufacturing of agricultural machinery you can be confident when you choose Teagle.

Contact us today to discuss your individual requirements.

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855 383 2453



NORTH AMERICA SALES MANAGER Andy Robson 252 292 0911

Toll Free: 1-855-383-2453 1-855-3TEAGLE salesna@teagle.co.uk www.teaglemachinery.com

KEY:

Distributor Locations ■ Beaver Valley Supply ■ Cummings & Bricker ■ Edney ■ General Implement
■ Harco ■ Implement Sales ■ Laird Manufacturing ■ MTI Canada ■ Tram Sales



Tomahawk 404M



Tomahawk 505FSM



Tomahawk C12

View our full range at **teagle.co.uk**

Teagle Machinery Ltd Blackwater, Truro, Cornwall TR4 8HQ

sales@teagle.co.uk www.teagle.co.uk Tel: +44 (0)1872 560592 teagle.co.uk

TOM500EBOBCUSA

Teagle

TOMAHAWK

High Capacity Bale Processors

8500 | 8555 | 9500 | 1010



teaglemachinery.com @ f y

BEDDING



TOMAHAWK 6200H

CAPACITY 105 ft³

Distance : 44ft

Handler : 2.8 tonnes (min.)

Tractor: 80HP (min.)

FEEDING | BEDDING



TOMAHAWK 8200 | M

CAPACITY 113 ft³

Distance : 65ft

Tractor : 140HP (min.)



TOMAHAWK 8200 | T

CAPACITY 113 ft³

Distance : 65ft

Tractor : 60HP (min.)



TOMAHAWK 8500

CAPACITY 159 ft³

Distance : 72-82ft

Tractor : 80HP (min.)

FEEDING | BEDDING | PROCESS



TOMAHAWK 8250 | M

CAPACITY 113 ft³

Distance : 65ft

Tractor : 150HP (min.)



TOMAHAWK 8250 | T

CAPACITY 113 ft³

Distance : 65ft

Tractor : 80HP (min.)



TOMAHAWK 8555

CAPACITY 159 ft³

Distance : 72ft

Tractor : 80HP (min.)

FEEDING | BEDDING



TOMAHAWK 9500

CAPACITY 283 ft³

Distance : 72-82ft

Tractor : 80HP (min.)



TOMAHAWK 1010

CAPACITY 353 ft³

Distance : 72-82ft

Tractor : 80HP (min.)



Established in 1937, Teagle Machinery began manufacturing the Tomahawk bale processor in 1983. 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 Tomahawk bale processors 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. Through our focus on feeding and bedding machinery over the last 40 years we are able to offer a machine to fulfil your needs.

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.

teaglemachinery.com   

BENEFITS

WHY OWN A BALE PROCESSOR

Saving you time and money!



FOR BEDDING

Labour saving - one person can quickly and easily bed livestock.

Save straw - users regularly report up to 30% savings. Straw is spread evenly across the entire bedding area. Only deliver as much straw as is required in each pen.

Cleaner and healthier livestock straw is lightly shredded for improved moisture absorbance and livestock comfort. Because straw is not chopped, the bed retains its structure to provide hygienic lying areas.

In cubicles - straw chopped/spread to suit your requirements.

Better manure - straw is incorporated with the muck more evenly for improved field application.

Safer bedding - no need to enter the pen.



FOR FEEDING

One machine, two jobs bed down and feed with the same machine.

Versatility - If you can bale a crop, we can shred it! Feed clamp or baled silage, hay and root crops.

Improve palatability - users report improved feed conversion of shredded bale silage.

Livestock cannot be selective wastage is reduced.



FOR PROCESSING

Pre-process straw for mixer wagons using our unique 'Dual Chop' system.

Improve efficiency - reduces mixer wagon processing time.

Effective feed conversion Precision cut straw stimulates digestion.

Prevent over-processing of silage in a Total Mixed Ration.

Process on demand - no need to stockpile.



VALUE FOR MONEY Impressive Payback

Existing Tomahawk owners have calculated an excellent return on investment when considering commodity values, tractor operating costs, hourly labour rates, improved livestock welfare and resale value; all of which contribute to making the Tomahawk the market leader.

TOMAHAWK MODELS



	Box Machines				Dual Chop		Hydraulic
	8200	8500	9500	1010	8250*	8555	6200H*
Bedding Spread Straw	✓	✓	✓	✓	✓	✓	✓
Feeding Silage/Hay	✓	✓	✓	✓	✗	✓	✗
Short Chop To 50mm	✗	✗	✗	✗	✓	✓	✗

* recommended max.20% moisture content

HIGH CAPACITY

EXPERIENCED OPERATORS ASKED US FOR...

A wide bale chamber (6" larger than most standard bale processors) which was initially developed to accommodate oversize bales up to 5' width. The format has gained popularity for farmers around the world, for all bale sizes, for the following reasons.

Performance

Faster Processing - Bales tumble more readily in a wide chamber, in turn feeding a wide crossbeater which processes material more quickly.

Blow distance

To distribute material effectively from the wide crossbeater the fan is also a larger diameter which delivers material further.

Ease of Use

The tailgate matches the wider bale chamber for straightforward loading of rectangular or round bales up to 78" diameter.

Durability

Hardox is fitted as standard to components in the fan housing and chute components in all models in the Hgh Capacity range.

Efficiency

As for our standard models, the power requirement at the PTO is minimised in a crossbeater design that delivers a smooth and even flow of material.

THE WIDE BODY TOMAHAWK MODELS

8500

The feeding and bedding workhorse - see p. 4

8555

'Dual Chop' Chop Short or Spread long at the touch of a button - see p. 5

9500 1010

Massive Capacity featuring Twin Crossbeaters - see p. 9/10

BALE PROCESSING - SIMPLIFIED



- ◀ Slimline control panel uses paired Wi-Fi for convenient and reliable control of the machine functions.
- ◀ A 12V supply is connected from the tractor to the machine to power the hydraulic valve bank.
- ◀ Remote control of tailgate and bedchain is located at the rear of the machine.

FEEDING, BEDDING and PROCESSING

8500 | 8555

Setting a new standard in Bale Processing, the single crossbeater 8500 series is available in two models. The 8500 feeds clamp or baled silage and spreads bedding materials. The 8555 offers all the capability of the 8500, but features an additional 'Dual Chop' system for precision processing of short straw for feeding or bedding.

For day-in day-out reliability



TOMAHAWK | 8500 THE PROFESSIONALS CHOICE

Our original wide body model, designed for greater capacity, easier loading and improved output. Durability comes as standard with wear resistant Hardox in the fan housing.

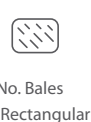
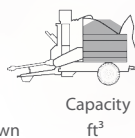
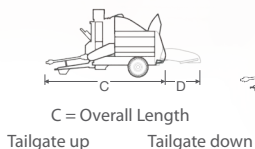
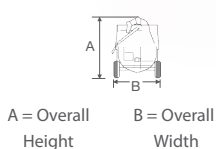


Standard equipment

Electronic in-cab controls | Swivel chute with 280° deg. rotation | High pressure hydraulic filter
Single crossbeater | Bed speed indicator | Adjustable feed slide on swivel chute model | Remote tailgate switch
Slip and overrun clutch on PTO | 12.5/15 wheels with mudguards | LED road lighting kit

Optional equipment

Side discharge chute | Tailgate extension | Wide angle PTO | Hydro shield dust suppression system
Automatic chain lubrication | Ski-jump chute | Extra Blade Kit



8500	102"	96"	163"	212"	159 ft³	2	1 (4'x2'6) 1 (4'x4')	80	4,586	12.50/80-15.3
8500SC	103"	85"	163"	212"	159 ft³	2	1 (4'x2'6) 1 (4'x4')	80	4,586	12.50/80-15.3

Options see page 11. Specifications see page 15

8555 Dual Chop

TOMAHAWK | 8555 BALE PROCESSING SPECIALIST

Our unique Dual Chop system can chop straw short or spread it long at the touch of a button. Our latest 8555 model can also feed hay and silage by switching processing screens.



Standard equipment

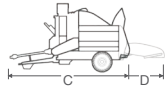
Electronic in-cab controls | Swivel chute with 280° rotation | Road lighting kit | Adjustable feed slide on swivel chute model
High pressure hydraulic filter | Remote tailgate switch | Slip and overrun clutch on PTO | Bed speed indicator
12.50/80 wheels and mudguards | Automatic chain lubrication

Optional equipment

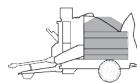
Tailgate extension | Wide angle PTO | Extra Screen - 1¼", 1½", 2" available | Bypass Screen | Screen Storage Rack
Hydro shield dust suppression system



A = Overall Height
B = Overall Width



C - D = Overall Length
Tailgate up Tailgate down



Capacity
ft³



No. Bales
5' Round



No. Bales
8' Rectangular



Power
min HP



Weight
lbs



Tyres

8555SC

103"

85"

163"

212"

159 ft³

2

1 (4'x2'6") 1 (4'x4')

80

5,324

12.50/80-15.3

Options see page 11. Specifications see page 15

DUAL chop



Save time and fuel

Time and fuel can be saved by processing straw prior to it being added to the ration in a diet feeder. Over 65,000 chops per minute offers fast and consistent output.



No over processing

Pre-process straw so that the diet feeder does not need to mix for as long, to prevent over processing the ration.



Short chop length

Chopping down to an average of 2", with clean cut ends, means you can produce the ideal material for feeding to create effective rumen stimulation and increased milk yields.

CHOP SHORT/SPREAD LONG at the touch of a button

The 'Dual Chop' system incorporates a set of retractable blades that can be repositioned at the touch of a button, changing straw output from short chop (around 2") to no chop, and back again in a matter of seconds.

Crossbeater

Straw is teased from the bale by hooks on the crossbeater.

Blades

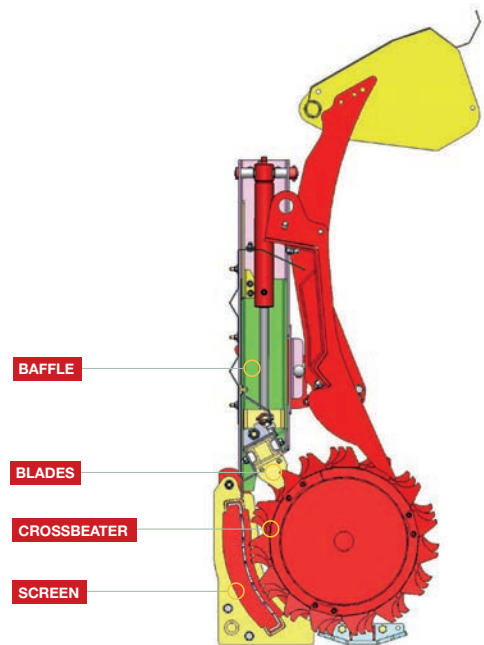
When the blades are lowered, straw is chopped using a scissor action.

Screen

The straw then passes through a quick change calibrating screen located behind the knife cassette. If the straw is too long it is recirculated through the blades by the crossbeater. A 1½" screen is supplied as standard, with other diameters available.

Baffle plate

When the blades and baffle plate are raised, straw passes above the screen and is discharged, without being chopped.



3 OPERATING MODES

Now you can also process clamp and baled silage with the Tomahawk 8555. The screen which is usually fitted to ensure a consistently short chop length, is now removable through the side of the machine and an optional bypass frame is fitted.

Short Chop knives and screen

Shred knives and bypass frame

Distribute no knives and bypass frame

CHOP STRAW SHORT*



SPREAD LONG STRAW



CHOP HAY SHORT*



DISTRIBUTE CLAMP/BALED SILAGE



- POULTRY & CUBICLE BEDDING
- TMR PRE-PROCESSING

- LOOSE HOUSING
- LANDSCAPING/MULCHING

- TMR PRE-PROCESSING
- BARRIER FEEDING

- TMR PRE-PROCESSING
- BARRIER FEEDING

* Recommended <20% moisture content

CASE study

For these ladies size does matter!

Chopped straw is required for a variety of applications, which includes additional feed for a TMR and livestock bedding.

“We need to achieve butterfats of over 4%.”

Gavin Rodda runs a 330-cow dairy herd at Rosemorran Farm, Cornwall, producing an average of 9500 litres. Milk produced under contract for Cathedral City branded cheese, which demands the constituents and quality of the milk are consistently high.

To assist in meeting these standards Gavin has sought the help of a nutritionist Andy Hawken from Three Counties Feeds. Andy says “The challenge when taking over this farm, as their nutritionist, was to improve the milk constituents and keep the yield high. One of the tools in the armoury to achieve this was the addition of pre-chopped, short straw to the ration.”

“Short straw is more palatable and the cows now eat all of the ration”

“When out to grass, traditionally butterfats crash but by adding chopped straw to the ration we have seen butterfats at over 4% in the summer and in the winter up to 4.3%. Also, the proteins have stayed stable at 3.3% in the summer and 3.6% in the winter.”

Andy Hawken explains, “When you use chopped straw as part of a balanced diet you need to add extra protein to help improve rumen function otherwise you could cause straw impaction which can lead to major health problems for the animal.”

Gavin says “At first we used a contractor to chop our straw but this became a

costly and time consuming process. We contacted Teagle and they recommended the New Tomahawk 8555 Dual Chop with a removable screen which we can use for both feeding and bedding.

The unique scissor action, cutting mechanism of the Teagle Dual Chop cuts the straw consistently short and is the ideal material for feeding, creating effective rumen stimulation. Gavin adds “The straw is chopped short with clean cut ends. By chopping as needed keeps the straw fresh which the cows find more palatable, increasing intake and reducing waste for the dung pile!”

“We’ve seen improvements in cow health, condition and even fertility.”

Andy says, “We want to reduce the length of the straw significantly from the traditional “muzzle width” to at least half that size with sharp ends to produce multiple scratching effects on to the papillae (which are like little fingers). More scratching stimulates more papillae, creating more surface area and increasing the nutrients back into the cow. It’s achieved by chopping the straw consistently in the correct way.”

Gavin concludes “Apart from improving proteins and butterfats since incorporating the chopped straw into the diet we have also seen improvements in cow health, condition and fertility. We experienced no LDAs from last winter and continuing into this year.”

Key benefits of feeding a ration consisting of pre-processed straw:

The diet is more open and palatable

Less or no sorting occurs, resulting in a complete diet being fed

No over-processing, reduced mixing time

The added straw helps to stabilise the pH levels in the stomach

Better energy balance is achieved after calving, meaning improved health during the transition period

Adding straw to the diet can aid rumination and avoid acidosis

Helps to maintain butterfats during spring/summer grazing

If you feed silage, adding straw helps to reduce the potassium levels, which can be beneficial during calving

The additional fibre helps to retain the food in the stomach for longer

Insert: Andy Hawken, Nutritionist
Three Counties Feeds

Below: Gavin Rodda
photo © OateyMedia



FEEDING & BEDDING

9500 | 1010

The largest models in the Tomahawk Range, the 9500 and 1010, feature twin crossbeaters which enables greater loading capacity, as well as increased output. Both models are suited to feeding clamp or chopped bale silage, as well as spreading baled bedding materials. .

Built in Britain, making an Impression Worldwide



9500

TOMAHAWK | 9500 COMPACT WITH HIGH OUTPUT

Ideally suited to farmers where a combination of manoeuvrability and high capacity is required. The 9500 offers easier loading and a high output from **twin crossbeaters**, with a wear resistant fan housing for durability.



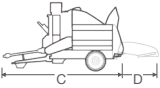
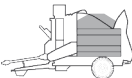







Standard equipment

Electronic in-cab controls | Swivel chute with 280° rotation | Twin crossbeaters | High pressure hydraulic filter
Bed speed indicator | Adjustable feed slide on swivel chute model | Remote tailgate switch | Slip and overrun clutch on PTO
LED road lighting kit

Optional equipment

Side discharge chute | Wide angle PTO | Braked axle | Side extensions | Swivel chute extension
Ski jump chute | Tailgate extension

									
	A = Overall Height	B = Overall Width	C - D = Overall Length Tailgate up Tailgate down	Capacity ft ³	No. Bales 5' Round	No. Bales 8' Rectangular	Power min	Weight	Tyres
9500	114"	98"	205" 249"	283 ft ³	3	2 (4'x2'6") 1 (4'x4')	80	6,629	305/55 R22
9500SC	114"	87"	205" 249"	283 ft ³	3	2 (4'x2'6") 1 (4'x4')	80	6,651	305/55 R22

Options see page 11. Specifications see page 15

TOMAHAWK | 1010 LARGE CAPACITY AND OUTPUT

The largest model in our range with the capacity to hold up to 4 rectangular bales. The 1010 incorporates **twin crossbeaters**, a wear resistant fan housing for durability and a braked axle for multi-site use.

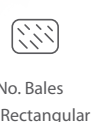
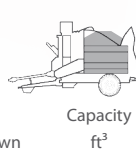
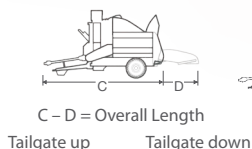
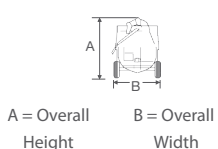


Standard equipment

Electronic in-cab controls | Swivel chute with 280° rotation | Twin crossbeaters | Bed speed indicator
Adjustable feed slide on swivel chute model | Remote tailgate switch | Slip and overrun clutch on PTO
LED road lighting kit | Tailgate extension | High pressure hydraulic filter | Braked axle

Optional equipment

Side discharge chute | Wide angle PTO | Side extensions | Swivel chute extension | Ski jump chute



	1010	1010SC	A = Overall Height	B = Overall Width	C - D = Overall Length Tailgate up Tailgate down	Capacity ft ³	No. Bales 5' Round	No. Bales 8' Rectangular	Power min HP	Weight lbs	Tyres
			115"	95"	243" 313"	353 ft ³	3*	4 (4'x2'6") 2 (4'x4')	80	7,893	385/55 R22.5
			115"	95"	243" 313"	353 ft ³	3*	4 (4'x2'6") 2 (4'x4')	80	7,915	385/55 R22.5

Options see page 11. Specifications see page 15

*Straw Only

OPTIONS



Automatic chain oiler

Recommended for high-use operations.
(Standard on 8555).



Tailgate extension

Increase capacity and ease of loading, attaches easily to a standard tailgate (not required on the 1010).



Ski jump chute

The optional 'Ski Jump Chute' is controlled hydraulically and requires an auxiliary service. It is **designed for bedding pig arcs and mulching beneath fruit trees.**

Chute options



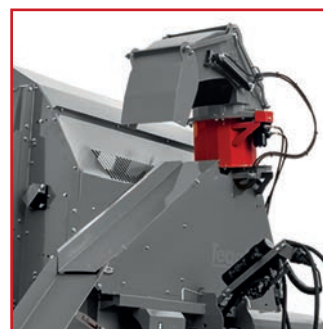
Side chute

Deliver only to the right hand side, with slightly greater blow distance than the swivel chute. Discharge height is lower for easier access to buildings. Chute can be raised or lowered as required.



Swivel chute

For flexibility of delivery, the chute rotates 280° allowing material to be directed to where it is needed. An adjustable feed slide is fitted for accurate placement of feed materials.



Swivel chute extension

To deliver material behind the Tomahawk 9500 and 1010 the optional swivel chute extension is required.

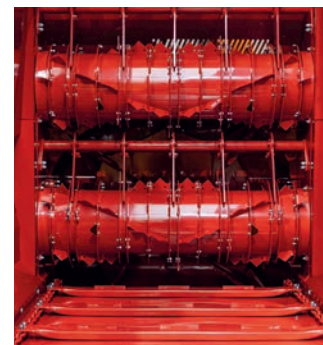
Crossbeater configurations



Single crossbeater



Dual Chop crossbeater



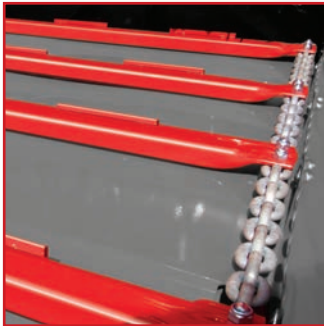
Twin crossbeater



FEATURES

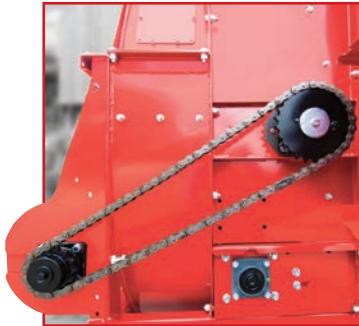
Wireless control

Slimline control panel uses Wi-Fi for convenient and reliable control of the machine functions.



Heavy duty bed chain

Heavy duty bed chain with slats attached by 'U' bolts for easy maintenance.



Robust transmission

Chain drive to crossbeater ensures reliable power transmission.



Improved delivery

Large diameter fan with eight wide paddles deliver enormous air flow.



Remote control tailgate & bed switch

Load bales without having to return to the tractor cab, ideal when removing netting or wrap.



Easy loading

Tailgate is flared for easy self-loading and is supported by two hydraulic rams to enable the heaviest of bales to be loaded.



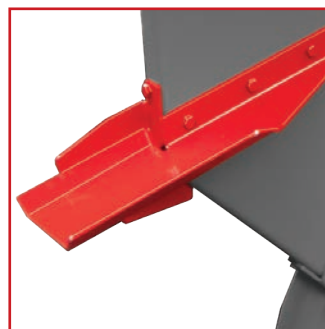
Visual feedback

Indicator provides the operator with visual indication of bed chain speed.



Consistent output

The bale restraint design works with the grippers on the slats to give a good tumbling action, ensuring a consistently high discharge rate with all materials.



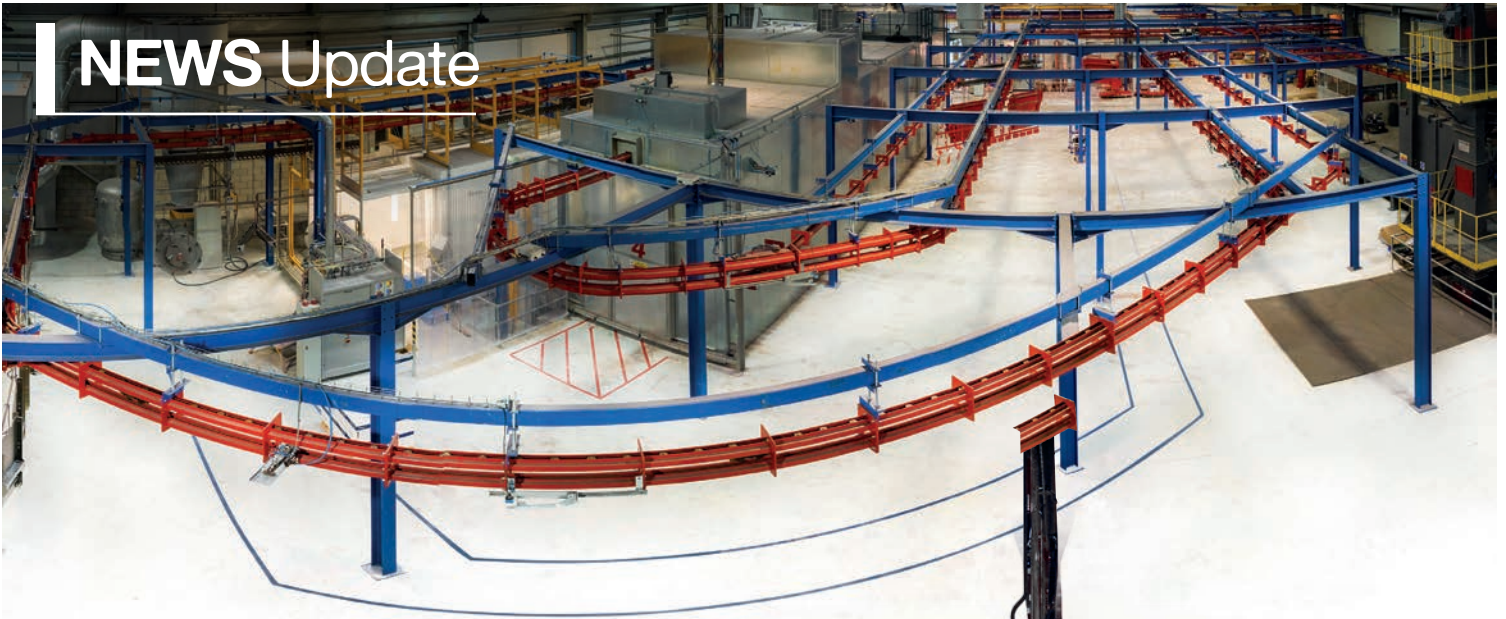
Easy maintenance

If a foreign object causes damage to the paddles they can be removed, repaired or replaced without removing the fan or splitting the machine.



Pre-selector gearbox

All Tomahawk models feature a high specification gearbox, with high/low fan speed gear preselection.



PAINT LINE INVESTMENT

As part of our commitment to improving product quality, we are proud to introduce our ALL-NEW DOUBLE POWDER COAT PAINT LINE facility.

Housed in a new purpose built 20,500 sq.ft building, our new paint line replaces our previous single power coat line and delivers market leading paint quality.

The new system features state of the art automation through the following processes:

- 1 Shot blasting
- 2 Primer Powder Application
- 3 Green Cure Oven
- 4 Top Coat Powder Application
- 5 Final Cure Oven
- 6 Quality Inspection

The full powder recovery system cleans and recycles unused powder resulting in zero waste.

To improve paint adhesion, we have also invested heavily in our prepaint processes, with parts cleaned and processed through a finishing machine, removing sharp edges and reducing the risk of paint failure on edges.

The result is a rounded edge, benefiting from two applications of powder coat paint which offers much greater protection from corrosion and chemical attack.



Our in-house quality control includes 1,000 hours of salt spray testing on sample parts to replicate a 10 year operating life.



Scan for
VIDEO



Automated Shotblaster



Top Coat Powder Application



Quality Control Inspection

Right:
Cross section
of paint layers

OUR FUTURE ENGINEERS

In order to future-proof our business, experienced members of our production team are complemented by our Apprentice Programme which delivers a broad range of qualified skills. Over 10% of our production team are currently either in, or graduated from, our programme which was established in 2021.

In partnership with our local further education college we can ensure academic rigour as well as broad experience with rotation through all of our production departments under the guidance and coordination of our Apprentice Mentor and Supervisor group.



KING'S AWARD FOR EXPORT

Teagle is delighted to have won a King's Award for Enterprise for International Trade in recognition of its significant growth in Export Sales.

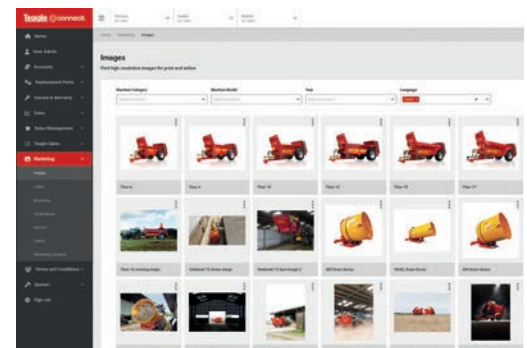
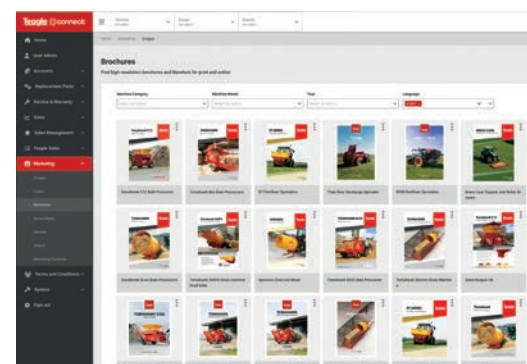
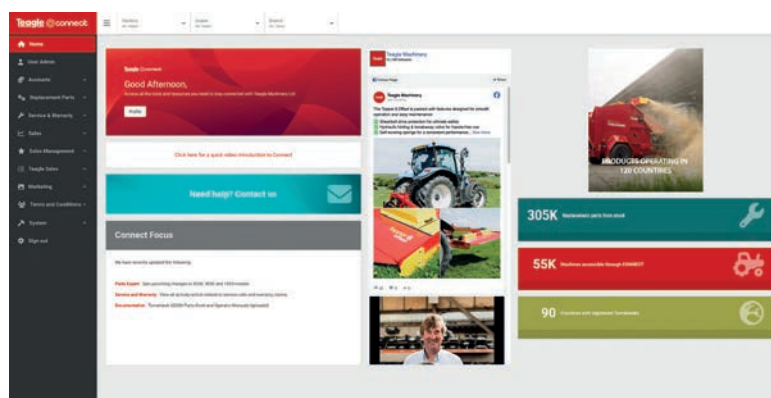
Through continuous design innovation and a commitment to manufacturing quality products Teagle have expanded a strong UK following to include farmers operating Teagle's market leading range of 'Tomahawk' Bale Processors in over 120 countries worldwide. Reliability and first class after-sales support is critical when operating overseas, and is provided through a team of over 50 experienced distributors, guided by Teagle's own export Sales Managers based in key markets who provide local backup to customers and feedback to the team back at base.



Teagle connect

Designed specifically for our Dealer and Distributor network, Connect launched in January 2024, and has reached a milestone 1000 User Accounts!

Ordering replacement parts, checking availability, tracking deliveries, processing service calls & warranty claims, and downloading marketing resources.



SPECIFICATIONS



	6200 H	8200 M	8200 T	8250 M	8250 T
Chute	Swivel	Swivel	Swivel	Swivel	Swivel
Dual Chop	No	No	No	Yes	Yes
Silage	No	Yes	Yes	No	No
Straw	Spread	Spread	Spread	Chop/Spread	Chop/Spread
Crossbeaters	1	1	1	1	1
Capacity (ft ³)	105	113	113	113	113
No. of 6' round bales	1	2	2	2	2
No. of 8' rect' bales (4'x 3'/ 4'x4')	1/1	1/1	1/1	1/1	1/1
Bale chamber (tailgate down) W x H x L	56" x 48" x 114"	56" x 53" x 118"			
Blow distance (max.)	45ft	65ft	65ft	65ft	65ft
Min. tractor PTO HP	N/A	140HP	60HP	150HP	80HP
B = Overall width (chute closed)	66"	74"	80"	74"	80"
C = Overall length (tailgate up)	106"	118"	162"	118"	162"
D = Overall length (tailgate down)	157"	189"	235"	189"	235"
A = Overall height (chute closed)	99"	96"	101"	96"	101"
Unladen weight	3328 lbs	4458 lbs	4879 lbs	4775 lbs	5196 lbs
Tyre size	N/A	N/A	10.00/75-15.3	N/A	10.00/75-15.3
Oil flow rate (min/max)	15-31gpm	9-16gpm	9-16gpm	9-16gpm	9-16gpm

Standard/Optional Equipment	6200H	8200M	8200T	8250M	8250T
Side discharge chute	N/A	N/A	N/A	N/A	N/A
Hydro shield	N/A	□	□	□	□
Tailgate Extension	N/A	N/A	N/A	N/A	N/A
In-Line High Pressure Filter	■	■	■	■	■
Clevis Drawbar & Jack	N/A	N/A	■	N/A	■
Wide Angle PTO	N/A	N/A	□	N/A	□
Swivel Chute Extension	N/A	□	□	□	□
Auto Chain Lubrication	N/A	□	□	■	■
Ski-Jump Chute	N/A	□	□	□	□
SYNCHRO Control	N/A	■	■	■	■

SPECIFICATIONS



8500



8500 SC



8555 SC

9500

9500 SC



1010

1010 SC

Side	Swivel	Swivel	Side	Swivel	Side	Swivel
No	No	Yes	No	No	No	No
Yes	Yes	No	Yes***	Yes***	Yes***	Yes***
Yes	Yes	Yes	Yes	Yes	Yes	Yes
1	1	1	2	2	2	2
159	159	159	283	283	353	353
2	2	2	3	3	3***	3***
1/1	1/1	1/1	2/1	2/1	4/2	4/2
67" x 49" x 117"			67" x 61" x 157"		67" x 62" x 224"	
82ft	72ft	72ft	82ft	72ft	82ft	72ft
80 HP	80 HP	80 HP	80 HP	80 HP	80 HP	80 HP
96"	85"	85"	98"	87"	95"	95"
163"	163"	163"	205"	205"	243"	243"
212"	212"	212"	249"	249"	313"	313"
102"	103"	103"	114"	114"	115"	115"
4586 lbs	4586 lbs	5324 lbs	6629 lbs	6651 lbs	7893 lbs	7915 lbs
12.50/80-15.3			305/55 R22		385/55 R22.5	
9-16gpm	9-16gpm	9-16gpm	9-16gpm	9-16gpm	9-16gpm	9-16gpm

8500	8500 SC	8555 SC	9500	9500 SC	1010	1010 SC
■	N/A	N/A	■	N/A	■	N/A
□	□	□	□	□	□	□
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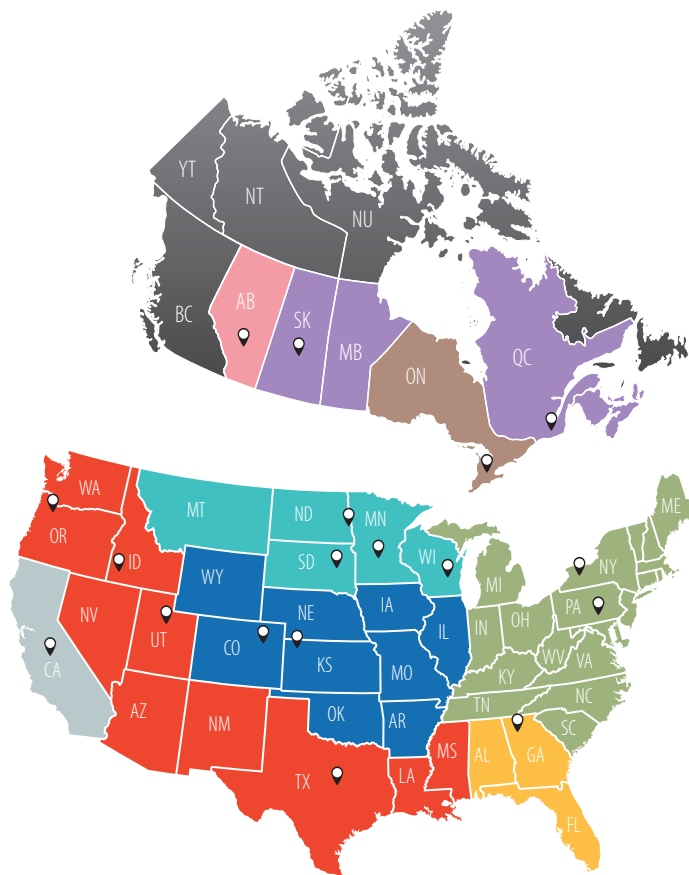
Teagle

With over **85 years** experience in designing and manufacturing of agricultural machinery you can be confident when you choose Teagle.

Contact us today to discuss your individual requirements.

CALL OUR SALES OFFICE

TOLL FREE
855 383 2453



NORTH AMERICA SALES MANAGER Andy Robson 252 292 0911

Toll Free: 1-855-383-2453 1-855-3TEAGLE salesna@teagle.co.uk www.teaglemachinery.com

KEY:

Distributor Locations ■ Beaver Valley Supply ■ Cummings & Bricker ■ Edney ■ General Implement
■ Harco ■ Implement Sales ■ Laird Manufacturing ■ MTI Canada ■ Tram Sales



Tomahawk 404M



Tomahawk 505FSM



Tomahawk C12

View our full range at **teagle.co.uk**

Teagle Machinery Ltd Blackwater, Truro, Cornwall TR4 8HQ

sales@teagle.co.uk www.teagle.co.uk Tel: +44 (0)1872 560592 teagle.co.uk

TOM_BOXBOBDUSA

Teagle

TOMAHAWK

8200 Series Bale Processors



SYNCHRO
START - STOP - RUN

teaglemachinery.com @ f y

TELEHANDLER



TELEHAWK T2

CAPACITY 105 ft³

Distance : 45ft

Handler : 2.8 tonnes (min.)

FEEDING | BEDDING



TOMAHAWK 8200 | M

CAPACITY 113 ft³

Distance : 65ft

Tractor : 140HP (min.)



TOMAHAWK 8200 | T

CAPACITY 113 ft³

Distance : 65ft

Tractor : 60HP (min.)



TOMAHAWK 8500

CAPACITY 159 ft³

Distance : 72-82ft

Tractor : 80HP (min.)

FEEDING | BEDDING | PROCESS



TOMAHAWK 8250 | M

CAPACITY 113 ft³

Distance : 65ft

Tractor : 150HP (min.)



TOMAHAWK 8250 | T

CAPACITY 113 ft³

Distance : 65ft

Tractor : 80HP (min.)



TOMAHAWK 8555

CAPACITY 159 ft³

Distance : 72-82ft

Tractor : 80HP (min.)

FEEDING | BEDDING



TOMAHAWK 9500

CAPACITY 283 ft³

Distance : 72-82ft

Tractor : 80HP (min.)



TOMAHAWK 1010

CAPACITY 353 ft³

Distance : 72-82ft

Tractor : 80HP (min.)



Established in 1937, Teagle Machinery began manufacturing the Tomahawk bale processor in 1983. 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 Tomahawk bale processors 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. Through our focus on feeding and bedding machinery over the last 40 years we are able to offer a machine to fulfil your needs.

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.

teaglemachinery.com   

BENEFITS

WHY OWN A BALE PROCESSOR

Saving you time and money!



FOR BEDDING

Labour saving - one person can quickly and easily bed livestock.

Save straw - users regularly report up to 30% savings. Straw is spread evenly across the entire bedding area. Only deliver as much straw as is required in each pen.

Cleaner and healthier livestock straw is lightly shredded for improved moisture absorbance and livestock comfort. Because straw is not chopped, the bed retains its structure to provide hygienic lying areas.

In cubicles - straw chopped/spread to suit your requirements.

Better manure - straw is incorporated with the muck more evenly for improved field application.

Safer bedding - no need to enter the pen.



FOR FEEDING

One machine, two jobs bed down and feed with the same machine.

Versatility - If you can bale a crop, we can shred it! Feed clamp or baled silage, hay and root crops.

Improve palatability - users report improved feed conversion of shredded bale silage.

Livestock cannot be selective wastage is reduced.



FOR PROCESSING

Pre-process straw for mixer wagons using our unique 'Dual Chop' system.

Improve efficiency - reduces mixer wagon processing time.

Effective feed conversion Precision cut straw stimulates digestion.

Prevent over-processing of silage in a Total Mixed Ration.

Process on demand - no need to stockpile.



VALUE FOR MONEY

Impressive Payback

Existing Tomahawk owners have calculated an excellent return on investment when considering commodity values, tractor operating costs, hourly labour rates, improved livestock welfare and resale value; all of which contribute to making the Tomahawk the market leader.

TOMAHAWK MODELS

	Box Machines				Dual Chop		Front Mounted
	8200	8500	9500	1010	8250*	8555	Telehawk*
Bedding Spread Straw	✓	✓	✓	✓	✓	✓	✓
Feeding Silage/Hay	✓	✓	✓	✓	✗	✓	✗
Short Chop To 50mm	✗	✗	✗	✗	✓	✓	✗

* recommended max.20% moisture content

SETTING A NEW STANDARD In Bale Processing

Introducing the latest model to the market-leading bale processor range.

Redesigned from the ground up, retaining all the strength of the 7100 and 8100 models that the 8200 replaces.

The new 8200 series includes two models, both available mounted or trailed:

- **8200**-feeding silage and bedding straw.
- **8250**-dual chop for precision straw processing and bedding straw.



◀ Pause / Run modes to stop/start the flow of material at the touch of a button

◀ Adjustable bale restraint position to optimise output with straw/ silage

◀ WiFi control automatically synchronises bed chain speed and bale restraint position

◀ Prevent contact between bale and crossbeater on start-up



NEW DUAL CHOP CROSSBEATER

The unique 8250 Dual Chop design for processing short material has been substantially updated with a 40% increase in the cutting speed (now over 65,000 scissor chops per minute) to provide a fine and consistent chop length.

PAINT LINE INVESTMENT

As part of our commitment to improving product quality, we are proud to introduce our ALL-NEW DOUBLE POWDER COAT PAINT LINE facility. Housed in a new purpose built 20,450ft² building, our new paint line replaces our previous single power coat line and delivers market leading paint quality.

The new system features state of the art automation through the following processes:

- 1 **Shot blasting**
- 2 **Primer Powder Application**
- 3 **Green Cure Oven**
- 4 **Top Coat Powder Application**
- 5 **Final Cure Oven**
- 6 **Quality Inspection**

The full powder recovery system cleans and recycles unused powder resulting in zero waste.

To improve paint adhesion, we have also invested heavily in our prepaint

processes, with parts cleaned and processed through a finishing machine, removing sharp edges and reducing the risk of paint failure on edges.

The result is a rounded edge, benefiting from two applications of powder coat paint which offers much greater protection from corrosion and chemical attack.

Our in-house quality control includes 1,000 hours of salt spray testing on sample parts to replicate a 10 year operating life.



Automated Shotblaster



Primer Powder Booth



Top Coat Powder Application



Quality Control Inspection

FEEDING bedding

8200M Mounted | **8200T Trailed**

Save time feeding baled or clamp silage along a barrier; save straw spreading bales in loose housing areas. The all-new SYNCHRO system manages the position of the bale restraint and bed chain speed for straightforward control of processing and the start/stop function.

We have the right solution for you



8200M | MOUNTED

TYPE FEED SILAGE, SPREAD STRAW

Three point mounted for improved manoeuvrability and easier reversing.



Standard equipment

Electronic in-cab controls | Swivel chute with 280° deg. rotation | Single crossbeater | Adjustable feed slide | Remote tailgate switch | Slip and overrun clutch on PTO | Bed speed indicator

Optional equipment

Hydroshield - dust suppression | Hydraulic filter | Automatic chain lubrication system | LED road lighting kit | Extra blade kit | Ski-jump chute

A = Overall Height (m)	B = Overall Width (m)	C = Overall Length		Capacity f ³	No. Bales 6' Round	No. Bales 8' Rectangular	Power min HP	Weight lbs
		Tailgate up (m)	Tailgate down (m)					

8200M	95"	74"	119"	192"	113 ft ³	2	1 (4'x3') 1 (4'x4')	140	4458
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8200T | TRAILED

TYPE FEED SILAGE, SPREAD STRAW

The farmers favourite for smaller tractors and convenient hitching to tractor.



Standard equipment

Electronic in-cab controls | Swivel chute with 280° deg. rotation | Single crossbeater | Adjustable feed slide | Remote tailgate switch | Slip and overrun clutch on PTO | Bed speed indicator | 10.5/15 wheels with mudguards | LED road lighting kit

Optional equipment

Hydroshield - dust suppression | Hydraulic filter | Automatic chain lubrication system | Extra blade kit | Ski-jump chute | Oversize 12.5 wheels | Wide angle PTO

A = Overall Height (m)	B = Overall Width (m)	C = Overall Length		Capacity f ³	No. Bales 6' Round	No. Bales 8' Rectangular	Power min HP	Weight lbs
		Tailgate up (m)	Tailgate down (m)					

8200T	101"	80"	162"	235"	113 ft ³	2	1 (4'x3') 1 (4'x4')	60	4880
--------------	------	-----	------	------	---------------------	---	---------------------	----	------

FEATURES options



The 'SYNCHRO' control system in both models offers the operator:

Pause/Run modes to stop/start the flow of material at the touch of a button

Adjustable bale restraint position to optimise output with straw/silage

Simplified controls by electronically synchronising bed chain speed and bale restraint position via a single dial

Loading setting (Pause) to prevent contact between the bale and the crossbeater on start-up



All managed through our tried and tested Tethered WiFi control desk that has been updated to include the new functions and reconfigured to improve operator comfort.



WATCH THE VIDEO



Automatic Chain Oiler

Recommended for extended hours of processing. (Standard on 8250).



Road Lighting Kit

Essential for highway use, the front and rear markers ensure that you operate safely when travelling on the road. (standard on trailed models).



In-Line High Pressure Filter

In-line high pressure filter prevents contamination from damaging the valve equipment.



Ski Jump Chute

The optional 'Ski Jump Chute' complete with adjustable comb and extended beak is **perfect for bedding pig arcs** and mulching fruit trees.



Swivel Chute Insert

A wedge shaped insert makes it easier to spread wide areas.



HYDROSHIELD
DUST SUPPRESSION SYSTEM

With its **unique 5-point action**, straw is sprayed with a high-pressure fine water mist reducing inhalable dust particles by over 40%.



TOMAHAWK 8200

IT SAVES A LOT OF LABOUR



FEEDS

CLAMP/BALED SILAGE

SPREADS

STRAW UP TO 65FT

CAPACITY

113FT³

Matt Annear at Tregair Farm nr. Newquay, Cornwall

"There are some great features on the new machine and it makes the jobs of bedding and feeding easier. We save at least half an hour each time by bedding with the Teagle compared to our usual bale processor.

We have been using the 2 new modes on the control box. The straw setting which is more aggressive and flies through the bales and then the silage mode which is less aggressive, giving the beater more time to thoroughly rip the bales apart."

"The silage is chopped well and the cattle eat all of it. We have only had the machine 4 months, but we can already see the daily gains."

"The cattle now eat all of the feed and there is no waste, they even look healthier and happier.

Central greasing makes maintenance of the machine straightforward and easy, then the mudguards keep the machine clean.

It's stuck the tough conditions we've given it here and I would be happy to recommend it to anyone else."



WATCH
THE VIDEO

FEEDING bedding

8250M DUAL CHOP | 8250T DUAL CHOP

Spread straw long for loose housing, or chop it short at the touch of a button for feed processing or cubicle bedding. The 3rd Generation "Dual Chop" system has a greater chopping speed to deliver a finer and more consistent output. The screen size is also 40% larger to increase chopping output. The all-new SYNCHRO control manages position of the bale restraint and bed chain speed for straightforward control of processing speed and start/stop function..

We have the right solution for you



8250M | MOUNTED

TYPE **PROCESS SHORT STRAW, SPREAD LONG STRAW**

Three point mounted for improved manoeuvrability and easier reversing.

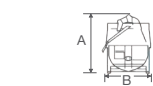


Standard equipment

Electronic in-cab controls | Swivel chute with 280° deg. rotation | Single crossbeater | Adjustable feed slide | Remote tailgate switch
Slip and overrun clutch on PTO | Bed speed indicator | Automatic chain lubrication system

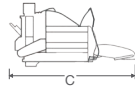
Optional equipment

Hydroshield - dust suppression | Hydraulic filter | LED road lighting kit | Ski-jump chute



A = Overall
Height (m)

B = Overall
Width (m)



C = Overall Length
Tailgate up (m) Tailgate down (m)



Capacity
f³



No. Bales
6' Round



No. Bales
8' Rectangular



Power
min



Weight

8250M

95"

74"

119"

192"

113 ft³

2

1 (4'x3') 1 (4'x4')

150

4775

8250T | TRAILED

TYPE **PROCESS SHORT STRAW, SPREAD LONG STRAW**

The farmers favourite for smaller tractors and convenient hitching to tractor.

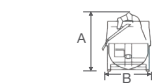


Standard equipment

Electronic in-cab controls | Swivel chute with 280° deg. rotation | Single crossbeater | Adjustable feed slide | Remote tailgate switch
Slip and overrun clutch on PTO | Bed speed indicator | 10.5/15 wheels with mudguards | LED road lighting kit | Auto chain lubrication system

Optional equipment

Hydroshield - dust suppression | Hydraulic filter | Ski-jump chute | Oversize 12.5 wheels | Wide angle PTO

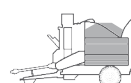


A = Overall
Height (m)

B = Overall
Width (m)



C = Overall Length
Tailgate up (m) Tailgate down (m)



Capacity
f³



No. Bales
6' Round



No. Bales
8' Rectangular



Power
min



Weight

8250T

101"

80"

162"

235"

113 ft³

2

1 (4'x3') 1 (4'x4')

80

5196

DUAL chop



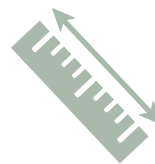
Save time and fuel

Time and fuel can be saved by processing straw prior to it being added to the ration in a diet feeder. Over 65,000 chops per minute offers fast and consistent output.



No over processing

Pre-process straw so that the diet feeder does not need to mix for as long, to prevent over processing the ration.



Short chop length

Chopping down to an average of around 2", with clean cut ends, means you can produce the ideal material for feeding to create effective rumen stimulation and increased milk yields.

CHOP SHORT/SPREAD LONG at the touch of a button

The 'Dual Chop' system incorporates a set of retractable blades that can be repositioned at the touch of a button, changing straw output from short chop (around 2") to no chop, and back again in a matter of seconds.

1 | Crossbeater

Straw is teased from the bale by hooks on the crossbeater.

2 | Blades

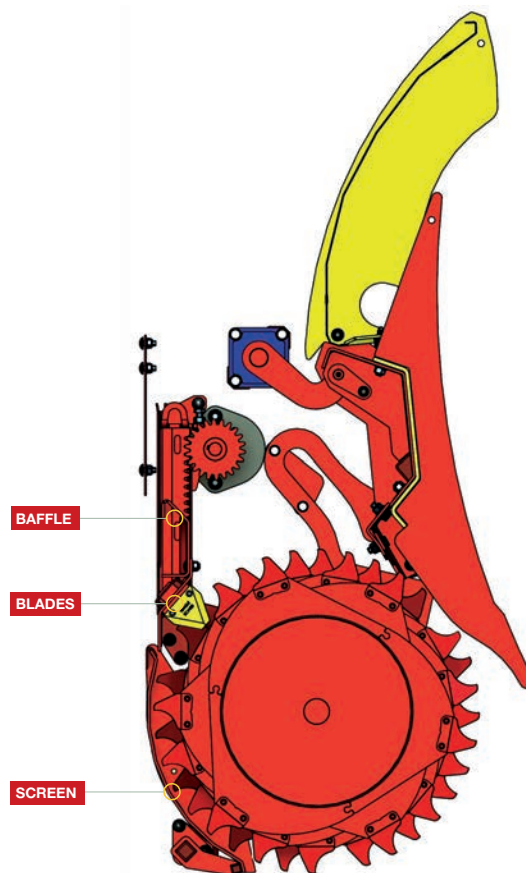
When the blades are lowered, straw is chopped using a scissor action.

3 | Screen

The straw then passes over a screen located behind the knife cassette. If the straw is too long it is recirculated through the blades by the crossbeater.

4 | Baffle plate

When the blades and baffle plate are raised, straw passes above the screen and is discharged, without being chopped.



CHOP STRAW SHORT*



SPREAD LONG STRAW



DISTRIBUTE HAY SHORT*



- POULTRY & CUBICLE BEDDING
- TMR PRE-PROCESSING

- LOOSE HOUSING
- LANDSCAPING/MULCHING

- TMR PRE-PROCESSING
- BARRIER FEEDING

* Recommended <20% moisture content



TOMAHAWK 8250 IT'S A BREEZE TO HITCH



FEEDS
CLAMP/BALED SILAGE

SPREADS
STRAW UP TO 113FT³

CAPACITY
65FT

Adam Lovatt (left) & Greg Gray at Clinton Devon Farm Partnership, Devon

"In the last 4 months we've put over 400 bales through the machine with no faults at all, there's a handy little device on the control box, a button to press, if you feel the machine struggling a bit you press this button and it takes all the pressure off, gives it a chance to clear itself, then you press the button again and it'll continue flowing through."

We previously had the 7100, but this 8250 is so much better, the 7100 was a great machine but this is just a real good step up.

You've got two (new) settings on the control box, a setting for chopping straw short for feed at a certain speed and a setting for bedding up. You can just press a button and it'll stop everything in an instant which is a fantastic feature."

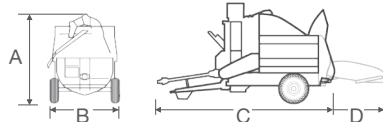
"Just a press of the button and you can stop everything in an instant."

"The main difference is the time hitching on, it's a breeze to hitch and it doesn't matter what tractor you use."



WATCH
THE VIDEO

SPECIFICATIONS



	T2	8200 M	8200 T	8250 M	8250 T
Chute	Swivel	Swivel	Swivel	Swivel	Swivel
Dual Chop	No	No	No	Yes	Yes
Silage	No	Yes	Yes	No	No
Straw	Spread	Spread	Spread	Chop/Spread	Chop/Spread
Crossbeaters	1	1	1	1	1
Capacity (ft ³)	105	113	113	113	113
No. of 6' round bales	1	2	2	2	2
No. of 8' rect' bales (4'x 3'/ 4'x4')	1/1	1/1	1/1	1/1	1/1
Bale chamber (tailgate down) W x H x L	56" x 48" x 114"	56" x 53" x 118"			
Blow distance (max.)	45ft	65ft	65ft	65ft	65ft
Min. tractor PTO HP	N/A	140HP	60HP	150HP	80HP
B = Overall width (chute closed)	66"	74"	80"	74"	80"
C = Overall length (tailgate up)	106"	118"	162"	118"	162"
D = Overall length (tailgate down)	157"	189"	235"	189"	235"
A = Overall height (chute closed)	99"	96"	101"	96"	101"
Unladen weight	3328 lbs	4458 lbs	4879 lbs	4775 lbs	5196 lbs
Tyre size	N/A	N/A	10.00/75-15.3	N/A	10.00/75-15.3
Oil flow rate (min/max)	15-31gpm	9-16gpm	9-16gpm	9-16gpm	9-16gpm

Standard/Optional Equipment	T2	8200M	8200T	8250M	8250T
Side discharge chute	N/A	N/A	N/A	N/A	N/A
Hydro shield	N/A	□	□	□	□
Tailgate Extension	N/A	N/A	N/A	N/A	N/A
In-Line High Pressure Filter	■	■	■	■	■
Clevis Drawbar & Jack	N/A	N/A	□	N/A	□
Wide Angle PTO	N/A	N/A	□	N/A	□
Swivel Chute Extension	N/A	□	□	□	□
Auto Chain Lubrication	N/A	□	□	■	■
Ski-Jump Chute	N/A	□	□	□	□
SYNCHRO Control	N/A	■	■	■	■

SPECIFICATIONS



8500 8500 SC 8555 SC 9500 9500 SC 1010 1010 SC

Side	Swivel	Swivel	Side	Swivel	Side	Swivel
No	No	Yes	No	No	No	No
Yes	Yes	No	Yes***	Yes***	Yes***	Yes***
Yes	Yes	Yes	Yes	Yes	Yes	Yes
1	1	1	2	2	2	2
159	159	159	283	283	353	353
2	2	2	3	3	3***	3***
1/1	1/1	1/1	2/1	2/1	4/2	4/2
67" x 49" x 117"			67" x 61" x 157"		67" x 62" x 224"	
82ft	72ft	72ft	82ft	72ft	82ft	72ft
80 HP	80 HP	80 HP	80 HP	80 HP	80 HP	80 HP
96"	85"	85"	98"	87"	95"	95"
163"	163"	163"	205"	205"	243"	243"
212"	212"	212"	249"	249"	313"	313"
102"	109"	109"	114"	114"	115"	115"
4586 lbs	4586 lbs	5324 lbs	6629 lbs	6651 lbs	7893 lbs	7915 lbs
12.50/80-15.3			305/55 R22		385/55 R22.5	
9-16gpm	9-16gpm	9-16gpm	9-16gpm	9-16gpm	9-16gpm	9-16gpm

8500 8500 SC 8555 SC 9500 9500 SC 1010 1010 SC

■	N/A	N/A	■	N/A	■	N/A
□	□	□	□	□	□	□
□	□	□	□	□	■	■
■	■	■	■	■	■	■
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N/A	N/A	N/A	N/A	N/A	N/A	N/A

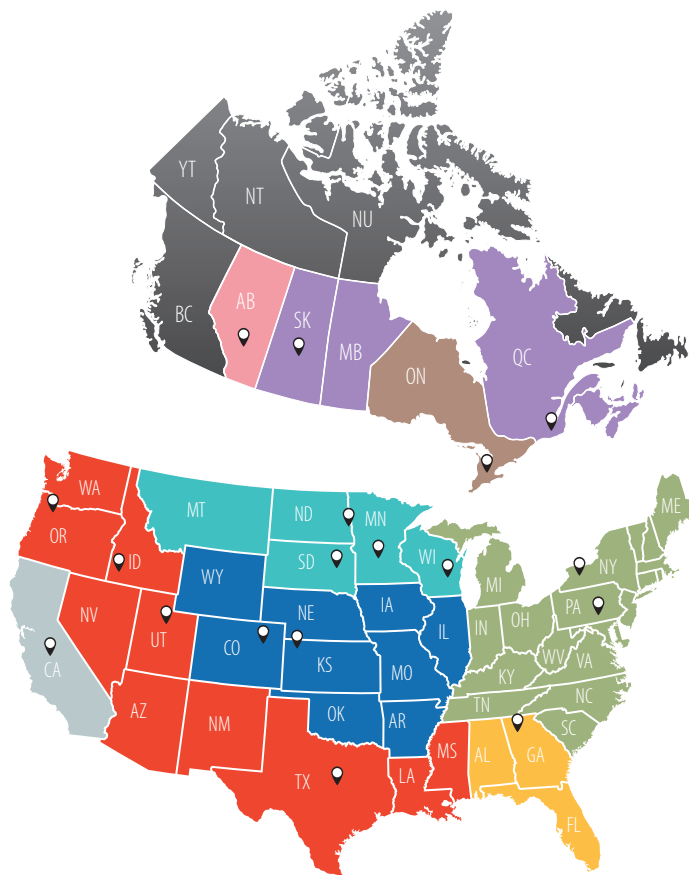
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KEY:

Distributor Locations ■ Beaver Valley Supply ■ Cummings & Bricker ■ Edney ■ General Implement
■ Harco ■ Implement Sales ■ Laird Manufacturing ■ MTI Canada ■ Tram Sales



Tomahawk 404M



Tomahawk 505FSM



Tomahawk C12

View our full range at **teagle.co.uk**

Teagle Machinery Ltd Blackwater, Truro, Cornwall TR4 8HQ

sales@teagle.co.uk www.teagle.co.uk Tel: +44 (0)1872 560592 teagle.co.uk

TOM8200BOBCUSA

Teagle

TOMAHAWK C120

Bale Processor



teaglemachinery.com @ f y

PRECISION PROCESSING RANGE



TOMAHAWK 404/505M

Capacity up to 2.2t/hr
Material output: 3/8'-5"
80HP (min.)



TOMAHAWK 404/505XLM

Capacity up to 2.2t/hr
Material output: 3/8'-5"
120HP (min.)



TOMAHAWK 500B

Capacity up to 2.2t/hr
Material output: 3/8'-5"
120HP (min.)



TOMAHAWK 500FSM

Capacity up to 3.8t/hr
Material output: 3/8'-5"
120HP (min.)



TOMAHAWK 500E (Electric Mill)

Capacity up to 3.8t/hr
Material output: 3/8'-5"
45kW



TOMAHAWK C120

Capacity up to 16.5t/hr
Material output: 3/8'-5"
180HP (min.)



TOMAHAWK 8250 | M

Capacity up to 2.5t/hr
Material output: 2" (min.)
150HP (min.)



TOMAHAWK 8250 | T

Capacity up to 2.5t/hr
Material output: 2" (min.)
80HP (min.)



TOMAHAWK 8555

Capacity up to 2.5t/hr
Material output: 2" (min.)
80HP (min.)



Established in 1937, Teagle Machinery began manufacturing the Tomahawk bale processor in 1983. 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 Tomahawk bale processors 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. Through our focus on feeding and bedding machinery over the last 40 years we are able to offer a machine to fulfil your needs.

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.

teaglemachinery.com   

CALIBRATOR

A High Capacity Mill for processing dry materials such as straw and miscanthus to a consistently short length for Bedding, Feeding and Biofuel Applications. Calibrate material length from 3/8"-5".

BEDDING



FEEDING



BIOMASS



- POULTRY BEDDING
- CUBICLE BEDDING

- TMR PRE-PROCESSING
- GRAIN MILLING

- PELLETING/BRIQUETTING
- BIOGAS

PROCESSING OUTPUT

	STRAW				WHEAT/BARLEY	MAIZE
Length	3/8	1-1/4"	2"	4"	N/A	N/A
t/hr	up to 4.5t/hr	up to 6.6t/hr	up to 11t/hr	up to 16.5t/hr	up to 11t/hr	up to 33t/hr
Screens	1/2"/1/2"	3/4'-1-1/6	1-1/2"-2.0"	3.0"-4.0"	1/8"--3/16"	3/8-7/16'

Output dependent on HP, processing length and moisture content

3 EASY STEPS, JUST 1 OPERATOR

Straightforward setting of material calibration ensures you get up and running in minutes. Manage bale processing remotely from the loader vehicle via tethered WiFi control, with no tractor operator required.



SET

Select suitable screens for your application and unfold conveyor to the desired discharge height.

Remove bale strings, run the C120 up to operating speed (1000rpm PTO), and load the tub grinder.



PROCESS

Material is processed against a Hardox shear bar.

A pair of interchangeable and reversible screens control the output length, with processed material falling onto the discharge conveyor below.



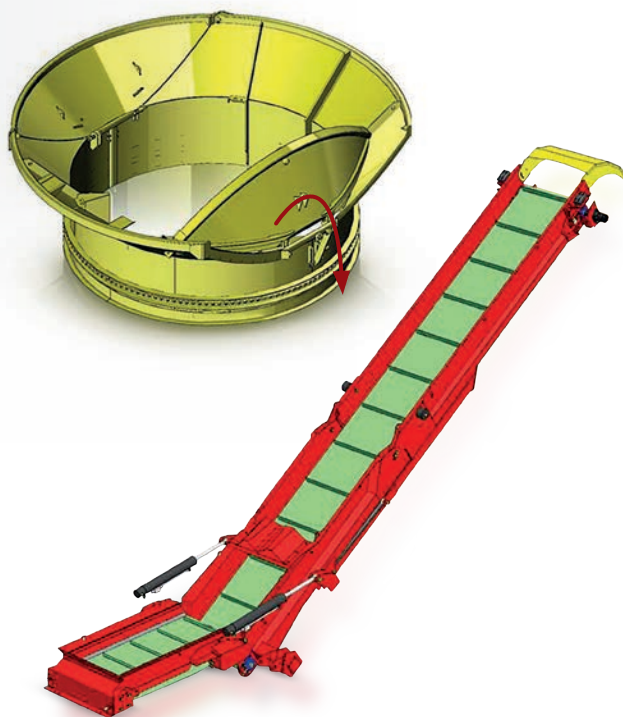
OPTIMISE

Tractor power loading is controlled remotely from the loader vehicle via WiFi from up to 150ft away.

To maximise throughput and prevent overloading, the C120 governs bale chamber rotation automatically.

C120 PRODUCT UPDATE

- ✓ **Easier Loading:** The tub shape has been updated to make it easier to load (see image).
- ✓ **Safe highway transport:** Folding sides have been designed into the tub for safe and compliant highway use.
- ✓ **A wider range of materials:** The clearance from screen to mill chamber has been doubled to improve output and enable processing of materials with higher moisture content.
- ✓ **Increased capacity conveyor:** There are now two drives, one to discharge from the rotor chamber, and one to deliver processed material (see image). Delivery conveyor is wider and longer.
- ✓ **Smoother power loading:** Software updates ensure tractor power load peaks are minimised, whilst the output remains high.
- ✓ **Easier maintenance:** An auto greasing system provides regular lubrication to main driveline bearings.
- ✓ **More durability:** With a new sintered Tungsten Carbide hammer design.



PAINT LINE INVESTMENT

As part of our commitment to improving product quality, we are proud to introduce our ALL-NEW DOUBLE POWDER COAT PAINT LINE facility. Housed in a new purpose built 20,450ft² building, our new paint line replaces our previous single power coat line and delivers market leading paint quality.

The new system features state of the art automation through the following processes:

- 1 **Shot blasting**
- 2 **Primer Powder Application**
- 3 **Green Cure Oven**
- 4 **Top Coat Powder Application**
- 5 **Final Cure Oven**
- 6 **Quality Inspection**

The full powder recovery system cleans and recycles unused powder resulting in zero waste.

To improve paint adhesion, we have also invested heavily in our prepaint

processes, with parts cleaned and processed through a linishing machine, removing sharp edges and reducing the risk of paint failure on edges.

The result is a rounded edge, benefiting from two applications of powder coat paint which offers much greater protection from corrosion and chemical attack.

Our in-house quality control includes 1,000 hours of salt spray testing on sample parts to replicate a 10 year operating life.



Automated Shotblaster



Primer Powder Booth



Top Coat Powder Application



Quality Control Inspection

YOUR advantage

TOMAHAWK C120

A high capacity mill for processing dry materials such as straw and miscanthus to a consistently short length for feeding, bedding and biofuel.

STANDARD

Automatic Power Loading

Rotor speed is monitored and bale chamber rotation automatically governed to optimise output for available tractor power. The operator can override bale chamber rotation from the loader vehicle via a WiFi control desk.

BUILT TO MEET YOUR NEEDS

Configure your Tomahawk C120 to suit your individual requirements.

Standard equipment

High Capacity Driveline | Independent Hydraulics
Folding Conveyor | Automatic Power Loading | Auto Greasing
WiFi control | Air Brakes | Homologation to 25mph

Optional Equipment

Additional Screens | Conveyor Deflector | Clevis or K80 Hitch
Grain Milling Hopper | 21 Spline PTO | C-Type or Palm Type Brake Coupling
Low Temperature Oil Heater and Conveyor | Hydraulic jack

STANDARD

Folding Conveyor

The dual hydraulic drive conveyors minimises dust and can deliver milled material up to 15ft high into a trailer or onto a bunker pile. Conveyor can be folded from the comfort of the tractor seat. (Optional deflector illustrated.)

STANDARD

Safe Road Transport

The C120 is homologated to 25mph, incorporating a high strength chassis, Air brakes, approved 285/55 R22 wheels and various hitch options. Road lighting includes LED lamps and rotating beacon, as well as statutory side markers.

STANDARD

Guards

Angled guards keep machine clean.



STANDARD

Folding Tub

Folds to fall within the legal road transport width. It can easily be loaded with a tractor fore-end loader or telehandler. A heavy duty double pitch chain drives the tub, which sits on large diameter rollers.

The tub drive chain is automatically oiled by a pressurised cartridge.

STANDARD

Ease of Maintenance for Reliability

A ladder and platform provide a safe viewing position into the tub. Hinged maintenance covers and a centralised greasing bank for the driveline ensure straightforward routine maintenance.

STANDARD

Operator Information

A beacon on the viewing platform indicates low rotor speed, warning against either entering or loading more material into the tub.

STANDARD

Spare Screen Storage

Up to four spare screens can be stored in a rack positioned within the C120 body for safe transport and instant access on farm.

STANDARD

Independent Hydraulics

Protect the tractor hydraulic oil from overheating and contamination with the independent 33.5 gallon oil system, fitted with auto-reverse cooling fan.

STANDARD

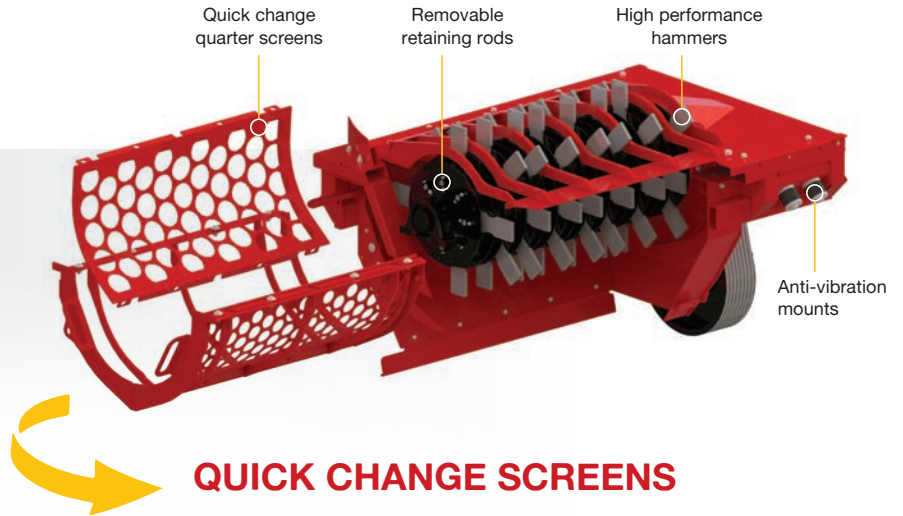
High Capacity Driveline

The driveline has shearbolt protection, overrun protection, and a massive 8 belt drive system with 280HP capacity.

CUTTING edge

HIGH CAPACITY ROTOR

- ✓ Rotor speed is 2000rpm, generating a hammer tip speed of 165 mph.
- ✓ High performance taper lock spherical roller bearings with automatic lubrication ensure reliability.
- ✓ For a long service life the rotor discs are manufactured from Hardox.
- ✓ Anti-vibration mounts minimise wear and tear, and operating noise.
- ✓ A high flow bale restraint is available for greater output when processing dry straw.



QUICK CHANGE SCREENS

- ✓ Screen switch is achieved at ground level from the rear of the C120, with no need to climb into the bale chamber.
- ✓ Interchangeable screens comprise two quarter circle sections that are reversible when worn to maintain milling performance.
- ✓ For additional cut control, hole sizes in each quarter screen can be different.

UPGRADED HAMMER DESIGN



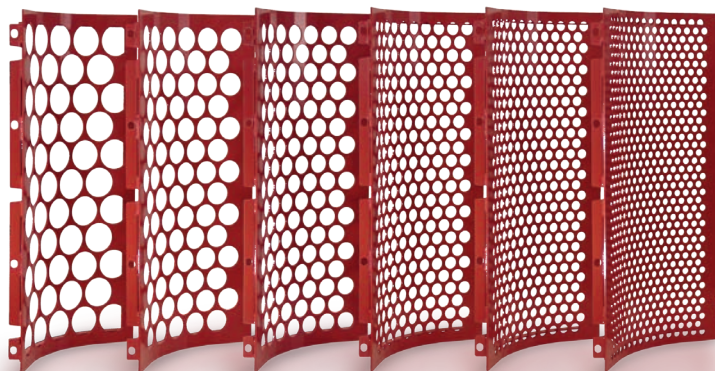
- ✓ 56 high performance hammers process material against a reversible shear bar.
- ✓ Hammers now feature a sintered Tungsten Carbide edge facing for greater durability.
- ✓ Hammers are reversible for a longer service life.
- ✓ The hammers rotate on hardened bushes to ensure durability of the retaining rods.

SCREEN OPTIONS

The C120 is supplied with a set of two quarter circle screens as standard.

Screens are available with 5", 4", 3", 2½", 2", 1½", 1¼", ¾", ¼" hole sizes.

Up to 4 additional spare screens can be stored in a rack located inside the C120.



grain milling HOPPER

ADD MORE VALUE to the Tomahawk C120 Bale Processor

Fit the optional Grain Milling hopper into the bale chamber and fine screens to the milling system to quickly convert the C120 from a bale processor to a high capacity grain mill.

The C120 grain hopper is designed for convenient operation and safe highway use. The hopper does not need to be removed to fold the sides of the tub, and the conveyor is safely supported within the hopper body when in the transport position.



CAPACITY	OUTPUT BARLEY / WHEAT	OUTPUT MAIZE
85 bushel	up to 11t/hr	up to 33t/hr



WHEAT / BARLEY • 5/32" – 5/32" Screens



MAIZE • 5/16" – 7/16" Screens

FEED RATE CONTROL

The feed rate to the mill rotor is easily adjusted using the tractor hydraulics to control the grain shutter position. An indicator shows the position of the shutter from the tractor cab.

SAFE OPERATION

The drum rotation is isolated using a safety lockout when the grain hopper is installed.

EASY LOADING

The large 85 bushel hopper, an increase of 25% on the previous version, can easily be loaded using a handler bucket or auger. Max. bucket width: 9ft.

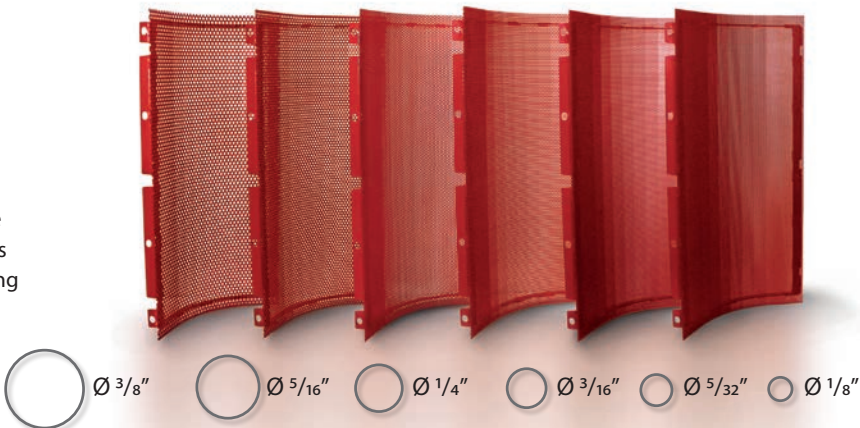


HOPPER DIMENSIONS

Hopper length: 116"	Hopper width: 78"
Hopper capacity: 85 bushel	Loading height: 128"

SCREEN OPTIONS

Select quick-change screen combinations to suit the grain being processed



WATCH THE
CUSTOMER
REVIEW

customer REVIEW



TOMAHAWK C12 CONSISTENT PERFORMER

narrow and very compact, it's easy to get around farmers yards and the narrow South Devon roads."

"Because we are only using up to 200HP on the C12, load sensing is very important to us because it doesn't overload the tractor so we still get good outputs from the machine."

"With the C12 most of our work is done through either feeding straw and bedding straw, so we're using two different screens - one to give us a 2.0" chop length and the other one to give a 3/4" chop length. To change the screens is relatively simple, it's all done from the ground, from low level from the back of the machine. We haven't had any problems with the C12 at all. I would recommend it to anybody."

CAPACITY	TRACTOR HP	MATERIAL OUTPUT
UP TO 12T/HR	180-280	20-100MM

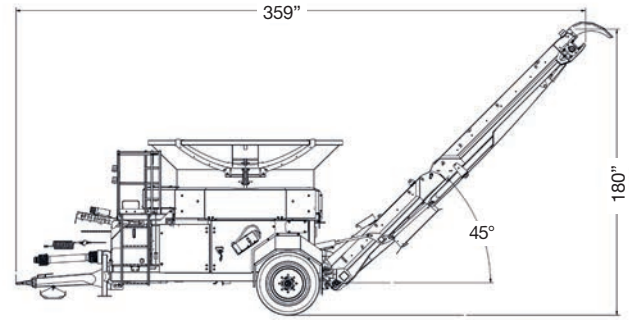
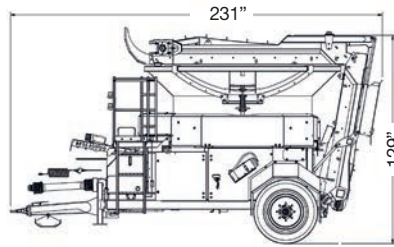
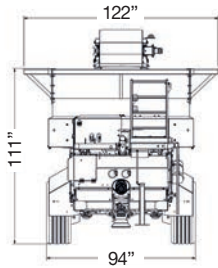
John Haddy (JS Haddy Agricultural contracting)
based in Kingdridge South Devon.

"Farmers are cutting their silage earlier to get better quality sugar levels, so now they need straw to balance the feed for a better ration. To support this need we purchased a Tomahawk C12. We found the C12 very simple to use and due to the machine being short,



WATCH THE
CUSTOMER
REVIEW

SPECIFICATIONS



GENERAL

Bale chamber diameter at base	86"	Weight	6.0ton
Bale chamber loading diameter	118"	PTO Speed	1000rpm

TRANSPORT

Transport width (folded)	94"
Transport width (not folded)	122"
Transport length	231"
Transport height	129"

WORKING

	45°
Overall length	359"
Conveyor discharge height (max.)	180"
Loading height	111"

TRACTOR HYDRAULIC SERVICES

Two double acting (DA) for conveyor positioning. Optional one DA for hydraulic jack and one DA for grain milling hopper

The company's policy is one of continuous improvement and development, therefore specifications are subject to change without prior notice.

OPTIONAL equipment

PROCESSING OPTIONS

Additional Screens

Quick Change Screens available in 5", 4", 3", 2 1/2", 2", 1 1/2", 1 1/4", 3/4" and 1/4" sizes. (see p.5)

Grain Milling Hopper

Quickly convert the C120 from a bale processor to a high capacity grain mill. 3/8", 5/16", 1/4", 3/16", 5/32", 1/8" screens available. (see p.6)

High-flow Bale Restraint

Dry straw output can be increased by fitting the High Flow Bale Restraint.

HIGHWAY OPTIONS

Clevis or K80 Hitch

An optional 80mm ball hitch or clevis hitch can be specified in lieu of the standard bolt-on ring hitch.

Hydraulic Jack

For connection direct to a tractor spool is mandatory when clevis or K80 hitch is specified.

C-Type or Palm Type

Air Brake Coupling

Configure the C120 to match your tractor air brake coupling system

CONVEYOR OPTIONS

Conveyor Deflector

To improve control of processed material into a pile or trailer, specify the conveyor deflector. (Illustrated on p.3)

Low Temperature Kit (-4F/-20°C) Oil Heater and Conveyor Kit

Extend min. operating temperature from 5F (-15°C) to -22F (-30°C) with a low temperature conveyor belt and oil heater (110V and 220V options available).

MISCELLANEOUS

21 Spline PTO

Factory fit 21 spline PTO available as an option.

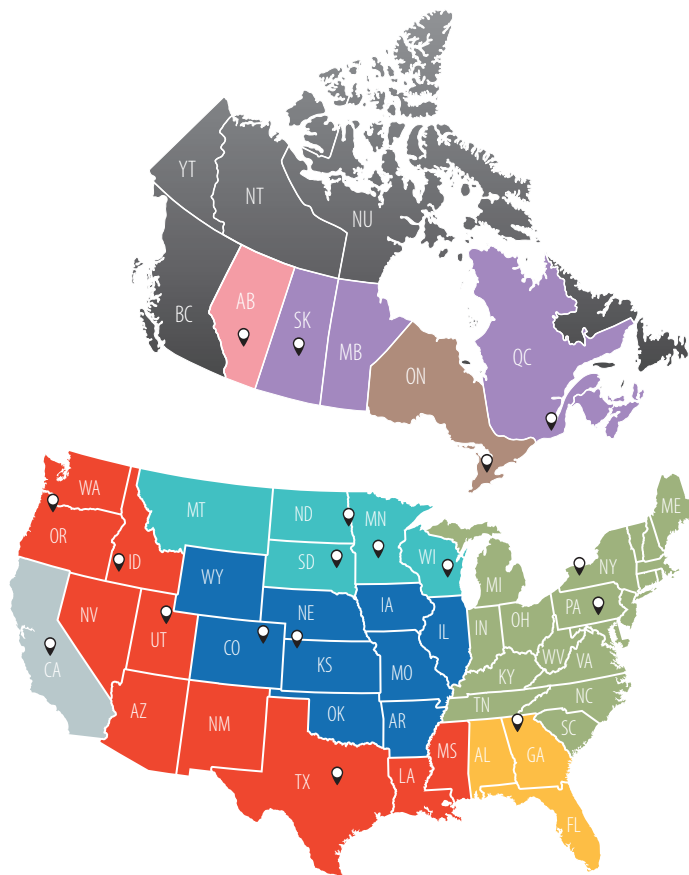
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KEY:

Distributor Locations Beaver Valley Supply Cummings & Bricker Edney General Implement Harco Implement Sales Laird Manufacturing MTI Canada Tram Sales



Tomahawk 404M



Tomahawk 505FSM



Tomahawk C12

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TOMC120BOBCUSA

XT SERIES

Fertilizer Spreaders

Teagle



www.teaglemachinery.com

XT SERIES

Fertilizer Spreaders



The XT range of fertilizer spreaders, delivering outstanding durability, ease of use and an accurate spread pattern.



Since Teagle Machinery was established over 75 years ago we have designed, built and backed fertilizer spreaders, now manufacturing more machines each year in the UK than anyone else. 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, even under the toughest conditions. As sales of XT fertilizer spreaders continue to grow, the reasons that customers return time after time to buy 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. Teagle promotes the quadruple overlap distribution system in our twin disc XT24 and XT48 models. This robust spreading pattern is incredibly tolerant to sources of inaccuracy such as wind, variation in fertilizer characteristics and driver error.

Backup – After-sales support is our priority, requiring commitment to a comprehensive parts stock and effective Dealer network. We set aside part of our 150,000 sq.ft facility in Cornwall to a substantial stock of wearing and non-wearing parts to keep you up and running.

Teagle



XT20

23.5 ft³ capacity.
Up to 40 ft working width.



XT24

24 ft³ capacity.
Up to 40 ft working width.

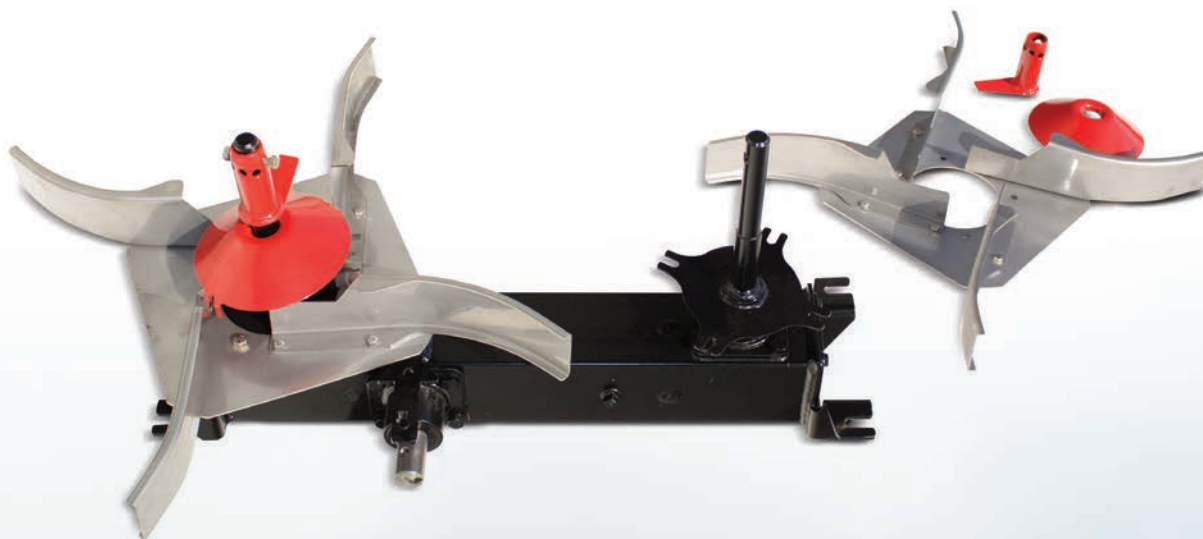


XT48

48 ft³ capacity.
Up to 40 ft working width.

Your advantage

Build quality that ticks all the boxes



✓ Durability

For outstanding durability, stainless steel is used extensively in the spreading components, which are driven through a low maintenance driveline.

✓ Maintenance

Cleaning and maintenance of the spreading system is straightforward thanks to its clean lines, simple construction and ease of access.

✓ Support

As the only volume manufacturer of fertilizer spreaders in the UK, Teagle are able to offer superior service and support through our extensive dealer network.

Straightforward setting

1 Check

Check your fertilizer and identify the required spreader settings.

2 Set

Set the machine height, working angle and application rate.

3 Go

Accurate no-nonsense spreading from the name you can trust.







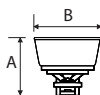




SUITABLE FOR: Smaller tractors in horticulture, agriculture, amenity and sports fields.

Max. Bout Width	Capacity	Shutter Control
40 ft	23.5 ft ³	Manual *

Outstanding reliability

The XT20 is a single disc spreader that produces an accurate overlapped spread pattern when driven 'around' the field. It is not suitable for 'to-and-fro' operation. Features as standard a stainless steel spreading mechanism, powder coated frame and removable LDPE hopper for straightforward cleaning.



			 					
MODEL	Capacity	Bout Width	A	B	C	Weight	Linkage	PTO
XT20	23.5 ft ³	40 ft	47"	53"	46"	270 lbs	Cat 1 & 2	540 rpm

Hopper Extension	N/A	Hydraulic Shutter	○	Hydraulic Tilt Kit	N/A
Hopper Cover	○	Stainless Steel Hopper Sieve	●		

*Hydraulic Control Optional. For options details see page 8.

Key: ○ = Optional ● = Standard N/A = Not Applicable

XT24









SUITABLE FOR: Smaller tractors in agriculture, amenity, sports fields and orchards.

Compact and accurate

The compact XT24 lends itself well to work in tight spaces and is suitable for band spreading in orchards and vineyards (see band spreading option on p. 6). Features as standard a quadruple overlap spread pattern (see p.5), stainless steel spreading mechanism, powder coated frame and removable LDPE hopper for straightforward cleaning.

Max. Bout Width	Capacity	Shutter Control
40 ft	24 ft ³	Manual*



						
MODEL	Capacity	Bout Width	A B C	Weight	Linkage	PTO
XT24	24 ft ³	40 ft	46" 41.5" 48"	414 lbs	Cat 1 & 2	540 rpm

Hopper Extension	<input type="radio"/>	Hydraulic Shutter	<input type="radio"/>	Hydraulic Tilt Kit	N/A
Hopper Cover	<input type="radio"/>	Stainless Steel Hopper Sieve	<input checked="" type="radio"/>		

*Hydraulic Control Optional. For options details see page 8.

Key: ○ = Optional ● = Standard N/A = Not Applicable





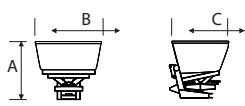



SUITABLE FOR: Grassland applications requiring a 2 bag capacity.

Our most popular spreader

The XT48 can be found operating accurately and reliably worldwide. Features as standard a manual border spreading tilt system, quadruple overlap spread pattern (see p.5), stainless steel spreading mechanism, powder coated frame and removable LDPE hopper for straightforward cleaning.

Max. Bout Width	Capacity	Shutter Control
40 ft	48 ft ³	Hydraulic



						
MODEL	Capacity	Bout Width	A B C	Weight	Linkage	PTO
XT48	48 ft ³	40 ft	50" 75" 51"	598 lbs	Cat 2	540 rpm

Hopper Extension	<input type="radio"/>	Hydraulic Shutter	<input checked="" type="radio"/>	Hydraulic Tilt Kit	<input type="radio"/>
Hopper Cover	<input type="radio"/>	Stainless Steel Hopper Sieve	<input checked="" type="radio"/>		

For options details see page 8.

Key: ○ = Optional ● = Standard N/A = Not Applicable

Quadruple overlap

We make every granule count!

1 Resilient Accuracy

Wind, driving errors and variation in fertilizer can combine and result in an uneven spread pattern. The gentle taper of the 'triangular' spread pattern produced by the XT distributes any variation across the full width of the bout.

2 Consistent Coverage

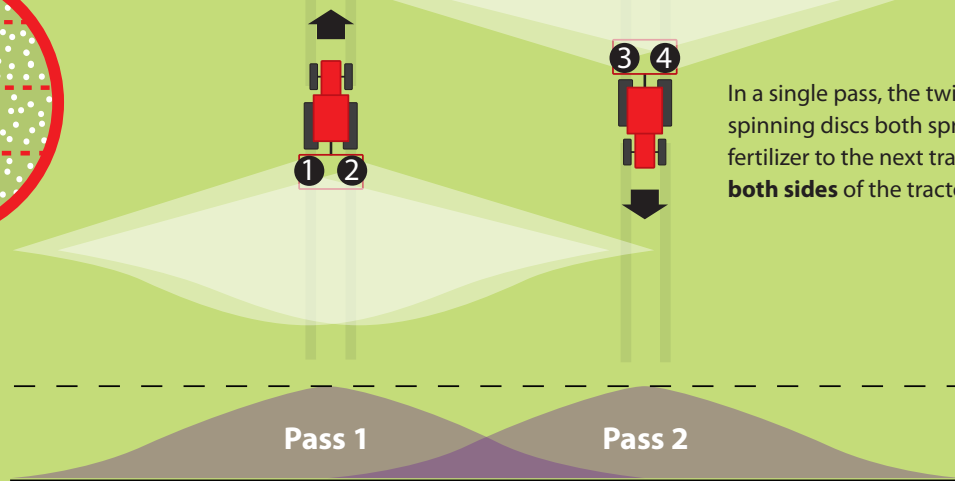
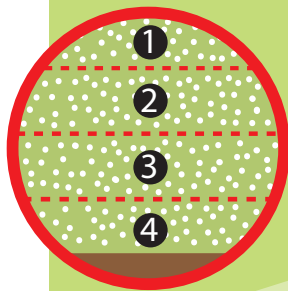
Not only is fertilizer spread to each piece of ground 4 times through the Quadruple Overlap, each disc has 4 vanes which divide the flow further, resulting in multiple deliveries of fertilizer to each piece of ground.

How the quadruple overlap works

Fertilizer is spread to each piece of ground 4 times to create a Quadruple Overlap.

The XT achieves consistency through applying little and often for outstanding coverage.

In a single pass, the twin inward spinning discs both spread fertilizer to the next tramline on **both sides** of the tractor.



Choose a spreading system that systematically improves tolerance to produce outstanding results.

Boundary Spreading



To spread headlands, the XT48 is fitted with a tilt system* that concentrates the spread pattern in the area between the boundary and the first tramline, so that it accurately covers in 1 pass:

- To activate the tilt mechanism the machine is dropped to the ground by a cord pulled from the tractor seat.
- When the machine is raised again it will tilt to the right hand side for counter clockwise spreading.
- To reset the machine for normal spreading it is simply dropped to the ground again, the cord released and then raised to the operating height.

*** For frequent headland work with the XT48 the optional hydraulic tilt kit is recommended.**

For Orchards, Vineyards and Soft Fruit

Reduce Waste – target fertilizer where it is required

The special spreading system delivers fertilizer in bands to each side of the spreader.

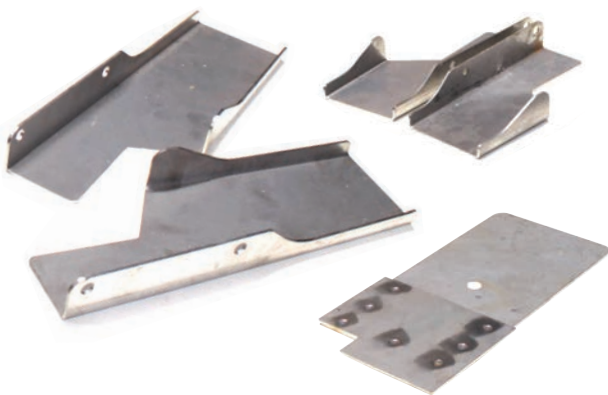
Ideal orchard machine

Designed with low spread trajectory – avoids fertilizer impact damage to leaves, flowers and fruit.



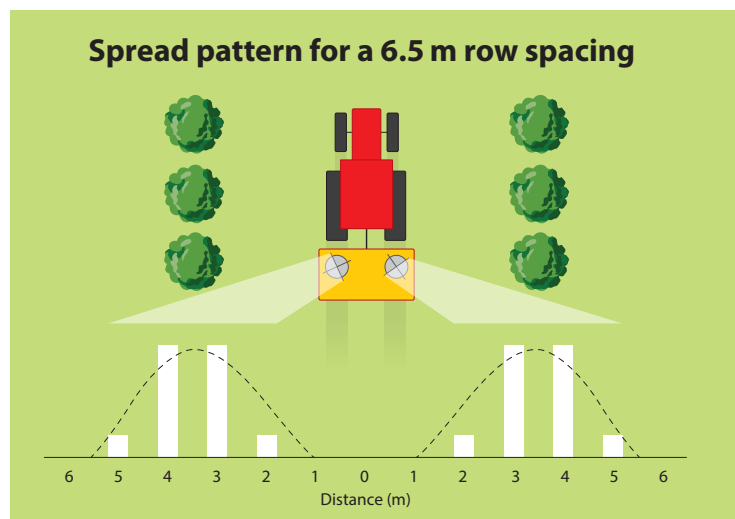
Tailor your spread pattern

Simple setting of application rate and row width – no vanes to adjust, no rotors to change. Just set the height, spread rate and PTO engine speed and away you go!



Band spreading kit

The band spreading kit is available for both XT24 and XT48 as a factory build or optional extra. Vanes and shutters are specifically designed to achieve a broad, rounded spread pattern with minimum fertilizer spread between the rows, which is ideal for nutrient uptake.



Case study



“Planning for Grass Growth”

Dominic Sharpe runs a 200 acre Dairy farm near Roscrea, Co. Tipperary in Ireland, operating a Spring and Autumn calving system where planning for good grass growth is critical to the success of the business.

Dominic has owned Teagle XT Spreaders for over 15 years, his most recent machine being an XT48 purchased in 2017, saying, “It is very straightforward to set the spread rate compared to other spreaders. The machine

is robust, and maintenance straightforward. I like that the removable hopper gives great access to the spreader for cleaning after use. Once cleaned and greased there is very little maintenance. Teagle have always had good, reliable, user friendly products, and with the build quality we can run the machines for longer before having to change them”.

Furthermore, Dominic adds that, “The XT range suits the farm because of its accuracy

and simplicity. The overlap and spreading system of the XT spreader allows me to achieve a very even broadcast of fertilizer and seeds”.

The hydraulic tilt option was specified by Dominic for his current XT48 because there are lots of smaller paddocks in the farm’s grass management system so it makes it easier and faster to spread the field boundaries.

Focus on Quality



Removable corrosion resistant hopper

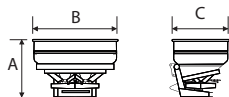
Manufactured from flexible LDPE with UV inhibitors, the robust hopper will give many years of trouble-free service. The hopper is easily removed for cleaning with a single pin.



Powder coated frame

The steel frame is shot blasted prior to a hard wearing baked powder coat finish being applied. The hopper is easily removed from the frame for cleaning.

Specifications & Options



Model	XT20	XT24	XT48
Capacity (litres)	23.5 ft ³	24 ft ³	48 ft ³
Overall Height A (metres)	47"	46"	50"
Overall Width B (metres)	53"	41.5"	75"
Overall Length C (metres)	46"	48"	51"
Unladen Weight (kilograms)	270 lbs	414 lbs	598 lbs
Linkage	Cat 1 & 2	Cat 1 & 2	Cat 2
Extension Capacity (litres)	N/A	5.0 ft ³	7.0 ft ³
Extension Height (metres)	N/A	5½"	4"



Stainless Steel Sieve

All models in the XT range are now fitted with low level Stainless Steel Sieves as standard.

Options



Hopper Extension

One piece steel hopper extensions extending the XT24 by 150 litres, and the XT48 by 200 litres.



Hopper Cover

Available for XT20, XT24 and XT48 models, for either standard or extended hoppers.



Hydraulic Tilt Kit

Available on the XT48 only, a hydraulic tilt ram enables straightforward boundary spreading from the tractor seat.



Hydraulic Shutter

Standard on the XT48, optional on the XT20 and XT24. Operate the shutter remotely with the hydraulic shutter control kit.

Teagle

With over 70 years experience in designing and manufacturing Fertilizer Spreaders you can be confident when you choose Teagle.

Contact us today to discuss your individual requirements.

NORTH AMERICA SALES MANAGER

Andy Robson 252 292 0911

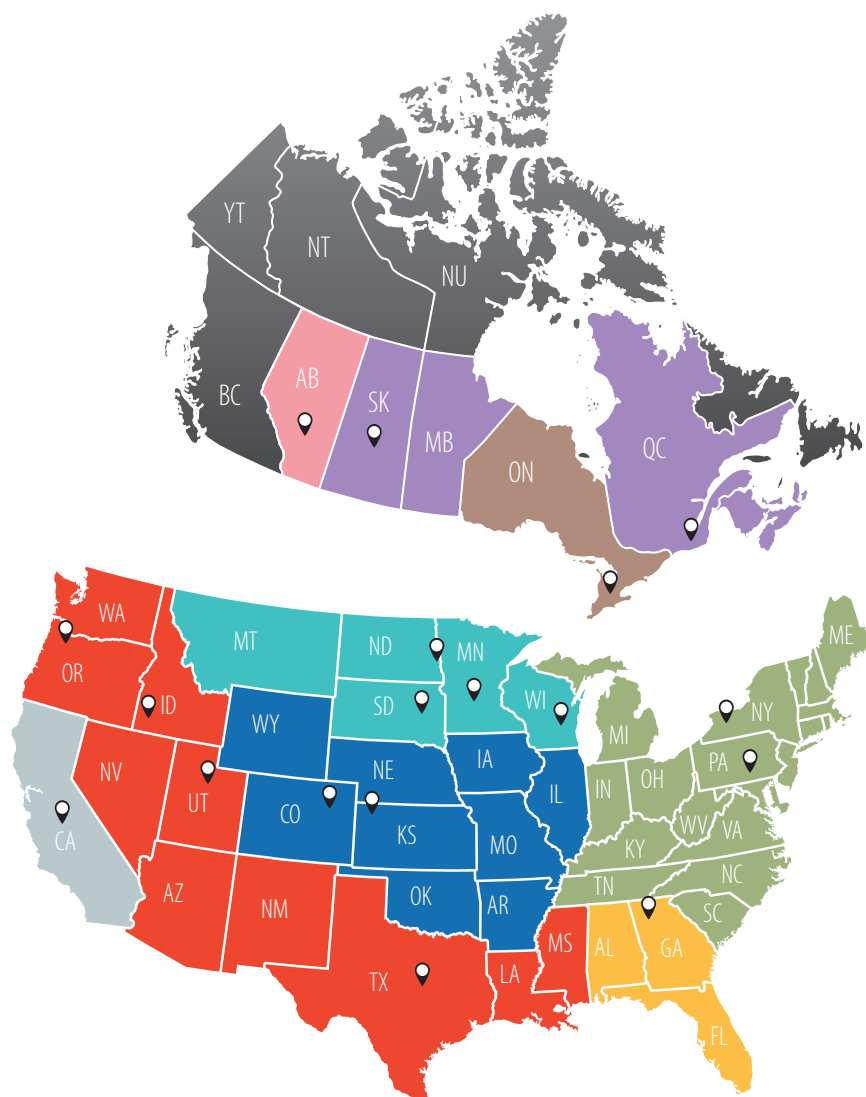
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www.teaglemachinery.com



KEY:

Distributor

Locations

■ Beaver Valley Supply ■ Cummings & Bricker ■ Edney ■ General Implement
■ Harco ■ Implement Sales ■ Laird Manufacturing ■ MTI Canada ■ Tram Sales



Teagle Machinery Ltd, Blackwater, Truro, Cornwall, TR4 8HQ

tel: +44 01872 560592 email: sales@teaglemachinery.com web: www.teaglemachinery.com

XT07B0BB US

Super-ted

Swath Conditioner

Teagle



www.teaglemachinery.com

Super-ted

Swath Conditioner



Get the most from your crop with a Teagle Super-ted and reap the rewards of faster drying times or crop recovery following wet weather.





Since Teagle Machinery was established over 75 years ago we have designed, built and backed innovative agricultural machinery for livestock farmers.

We remain a family business focused on meeting the needs of our customers whether just around the corner, or in one of the 35 countries worldwide to which we regularly ship our products.

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, even under the toughest conditions.

The Super-ted Swath Conditioner is no exception, quickly and effectively enabling farmers to preserve the quality of their crops in the field.

The reasons that customers return time after time to buy 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 Super-ted offers features that have been incorporated through extensive experience with both farmers and contractors

Backup – After-sales support is our priority, requiring commitment to a comprehensive parts stock and effective Dealer network. We set aside part of our 25,000m² facility in Cornwall to a substantial stock of wearing and non-wearing parts to keep you up and running.

Teagle

Super-ted 221

Up to 2.2m working width.

Maximum swath size:

- **Grass** - mowers up to 5.5 m.
- **Straw** - combine header up to 12 m.



Making a difference with a Super-ted

✓ **Faster Drying**

With grass, a quick drying time reduces nutrient loss and produces more palatable fodder. High dry-matter silage also results in less effluent being created at the clamp. The Super-ted effect is twofold, typically halving the drying time in the field.

The crop is lifted, with air being introduced to the swath for more even drying from top to bottom.

The waxy cellulose coating on the plant is cracked without damaging the crop to improve evaporation of moisture.

With straw the risk of damage by mould in a damp crop is minimised.

✓ **Reduced Crop Contamination**

Crop loss is minimised by keeping the swaths intact and not spreading them across the ground. Stone and soil contamination is reduced by not having to carry out a second raking operation.

✓ **Reduced Costs in One Pass**

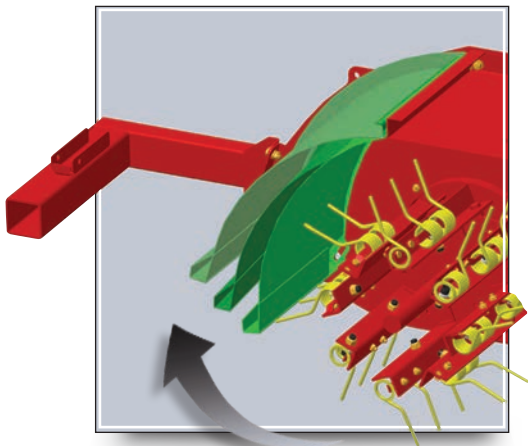
Save fuel, labour and reduce ground compaction. The Super-ted is a high-speed one-pass operation as there is no need to spread and row up again.

✓ **Tidier Swaths**

The swaths produced by the Super-ted are box shaped with clean edges and can be adjusted in width and offset using the rear doors. This enables greater throughputs in the following harvesting or baling operation.

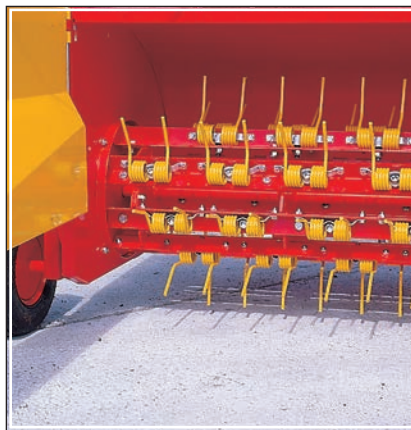


Key Features



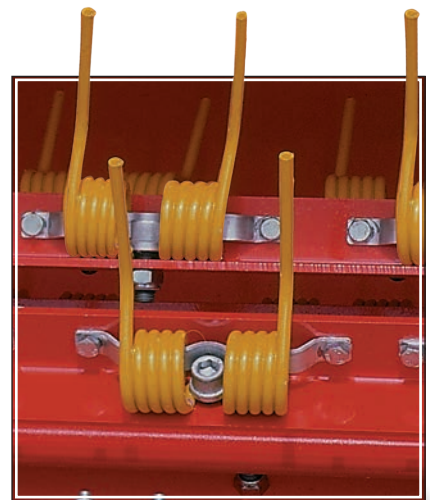
Adjustable hood

Set conditioning intensity to suit your swath by adjusting the front hood clearance.



Why settle for less?

8 rows of high grade spring steel twin-fork tines ensure intensive conditioning.



Retained Tines

Individual tine retainers prevent crop contamination and potential damage to following machinery.

TED 221

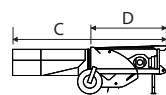
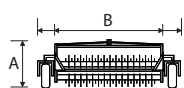


SUITABLE FOR: Farmers and Contractors to condition Grass, Hay and Straw swaths.

Working Width	Swath Size / Grass	Swath Size / Straw
2.2 m	Up to 5.5 m Mower	Up to 12 m header

Outstanding reliability

The Super-ted range is engineered specifically for heavy crops with our attention to detail delivering unparalleled performance in the field in both grass and straw applications.



MODEL	Working Width	A	B*	C	D	Weight	Linkage	PTO
221	2.2 m	1.04 m	3.10* / 2.54 m	3.27 m	1.86 m	795 kg	Cat 2	540

Adjustable front hood	●	8 rows of tines	●	Individually retained tines	●
Low pressure castor wheels	●	Door extensions	●	PTO shaft with over-run clutch	●

*Wheels fitted/ wheels in transport position

Key: ● = Standard

“When we buy kit, we want something that will last”

Alistair Hodnett (pictured below) farms 255 acres in partnership with his father Michael on the outskirts of Dundee.

Last year over 24,000 tonnes of straw were procured and retailed, with over 6000 acres of straw from farms in and around the Angus, Fife and Perthshire areas purchased and baled. In addition, 80 acres of haylage and 80 acres of hay are baled on the farm and sold throughout Scotland.

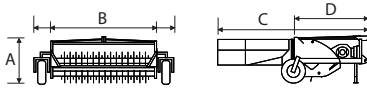
Attention to detail in producing a quality product is paramount when supplying to such a large customer base. Alistair uses a Teagle Super-ted 221, to ted and condition his grass and straw (following a 40' combine header). “I achieve fantastic work rates at a forward speed of around 10mph”.

“We are delighted with the performance and reliability of our Super-ted”.

“We use the Super-ted prior to baling as it lifts the crop off the ground, to not only aid drying, but the crop is more easily picked up by the balers. This reduces mechanical damage to the baler pick up and allows the balers to travel faster over the field”.

High forward speed means that huge quantities of grass, hay and straw can be processed, with the adjustable front hood optimising the conditioning action in any crop density.

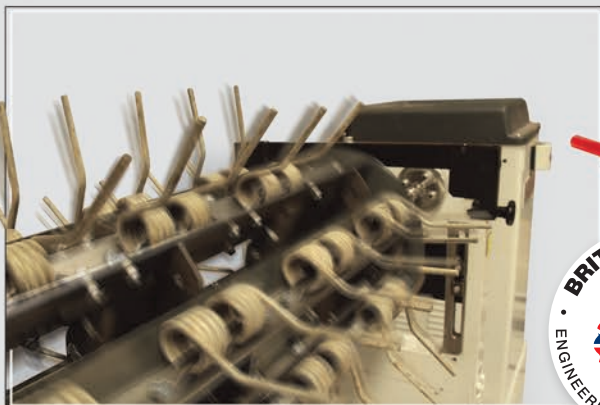




Model	221
Pick-up width	2.2m (7'3")
Overall height A - in lowest working position	1.04m
Overall width B (with wheels/without wheels)	3.10m / 2.54m (10'2"/8'4")
Overall length C - doors open	3.27m
Overall length D - doors closed	1.86m
Height adjustment	40 - 200mm
Castor wheel tyre size	6.00 - 9
PTO speed	540rpm
PTO type	with over-run clutch
Weight	795kg
Minimum tractor size	60hp (45kW)
Number of drive belts	4 x 'B' Section
Linkage	Cat 2

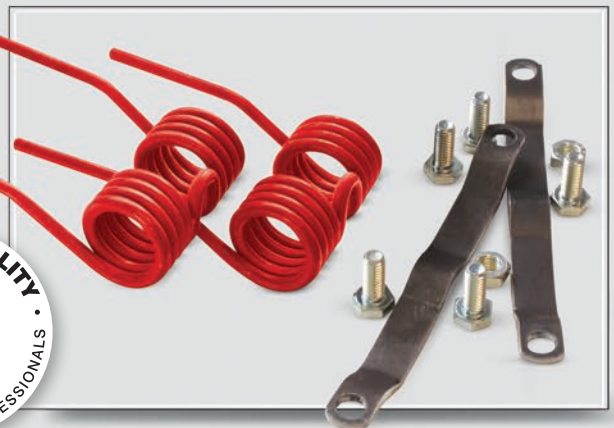
The company's policy is one of continuous improvement and development, therefore specifications are subject to change without prior notice.

Focus on Quality



Precision Engineering

Rotors are balanced using state of the art technology to ensure a smooth running and high performance operation.



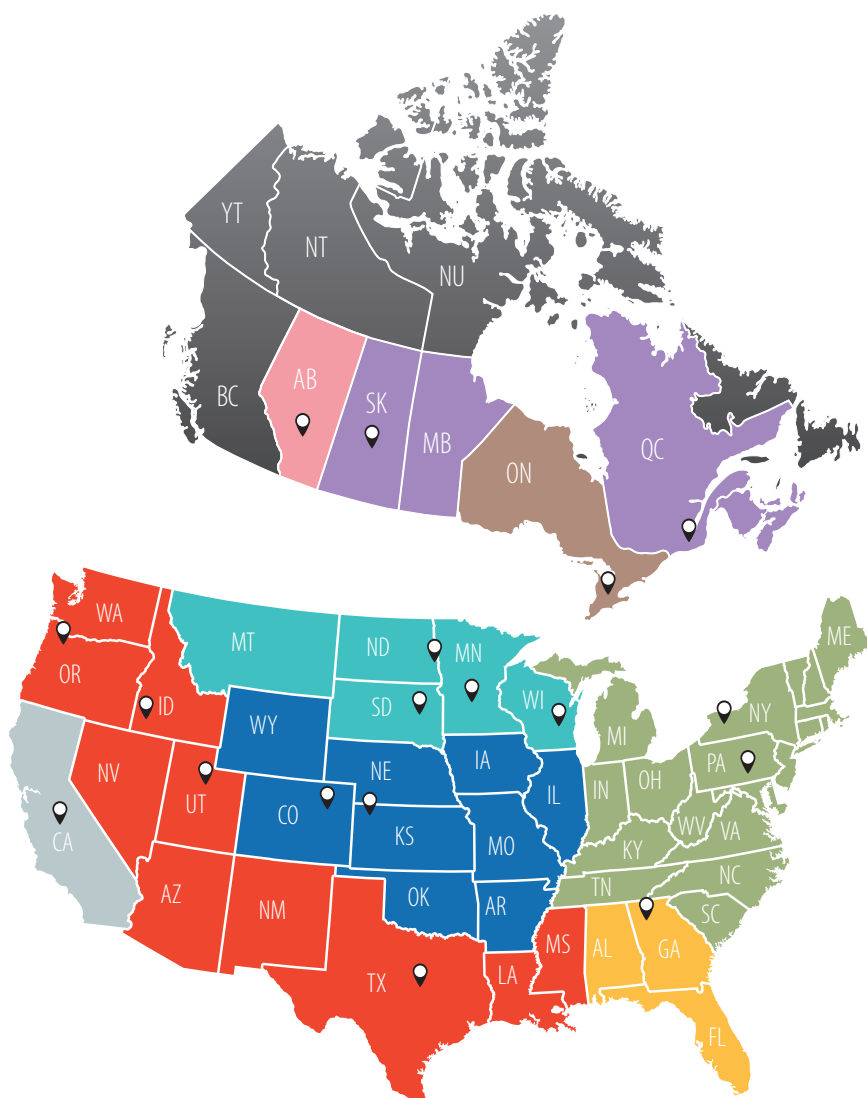
British built and backed

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

Teagle

With over 75 years experience in designing and manufacturing high quality agricultural machinery you can be confident when you choose Teagle.

Contact us today to discuss your individual requirements.



NORTH AMERICA SALES MANAGER

Andy Robson 252 292 0911

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 Harco  Implement Sales  Laird Manufacturing  MTI Canada  Tram Sales



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SPIROMIX

Concrete Mixer

Teagle



www.teaglemachinery.com

200H



SUITABLE FOR: Agricultural and amenity construction projects

Unparalleled mixing

Holds 110 lbs of cement: with a 6:1 mix of aggregate.

Effective Mixing: The deep spirals ensure an efficient and thorough mix.

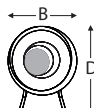
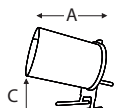
Simple hydraulic drive: Double acting spool at 8 g.p.m.

Easy loading through the wide mouth of the drum.

No tipping required: The drum rotates in one direction for mixing and in the opposite direction for unloading.

Discharge height is adjustable on the three point linkage.

Mix Volume	Weight Laden	Min. Tractor Size
10 ft ³	Approx 1796 lbs	50 HP



MODEL	Mix Volume	A	B	C	D	Weight (empty)	Linkage	PTO
SPIROMIX 200H	Approx 10 ft ³	44"	32"	22"	56"	419 lbs	Cat 2	N/A

The company's policy is one of continuous improvement and development, therefore specifications are subject to change without prior notice.

Teagle

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Blackwater, Truro, Cornwall TR4 8HQ

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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 414 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 manure 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 Manure spreaders 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

Manure spreader capacity is often a subject of debate, but is essential to ensure that machines can be compared like for like.

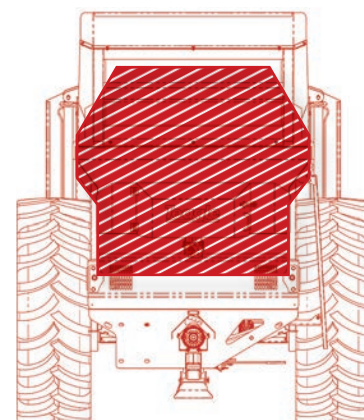
Comparing machine capacity by weight cannot be applied in practice because it is dependent on one important variable; the density of the

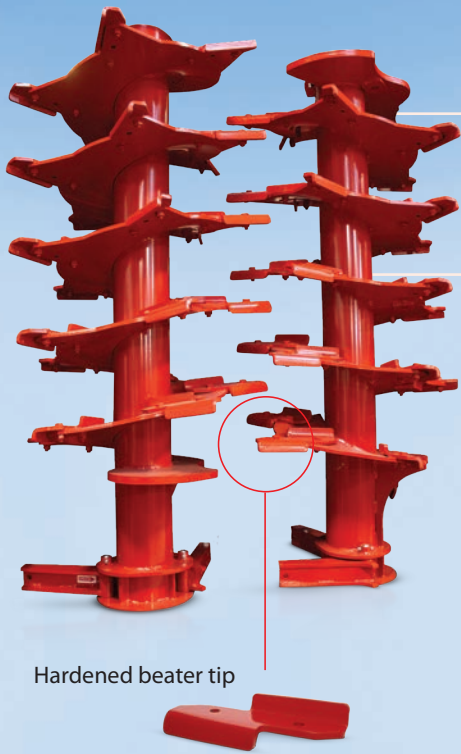
material being spread. For example, 1 ton of compost has far greater volume than 1 ton of farmyard manure.

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.



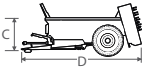
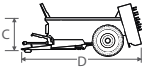
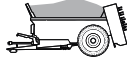




Standard equipment

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



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

TITAN | 8

TYPE COMPACT

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



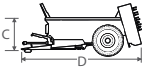
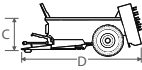
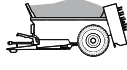




Standard equipment

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



									
TITAN 8	9'10"	8'6"*	6'4" *	23'	280 ft ³ (345 ft ³)	90	8,069 lbs	500/85 R30	540

* 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

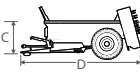
Optional equipment

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



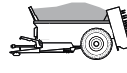
A = Overall
Height (ft)

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** manure 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

OPTIONAL

Wheel Options

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

OPTIONAL

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

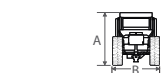
Ideal for farmers and contractors, with a heavy duty spreading system that is built to last.

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

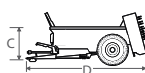
Side Extensions | Electronic Bed Speed Control | 650/75 R32 Wheels & Tyres | LED Strobe Light | Commercial axle and braking system
ISOBUS Weigh Cell System | Sprung Drawbar | Ball Hitch (80mm) for Sprung Drawbar



A = Overall Height (ft)



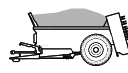
B = Overall Width (ft)



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 ft³ (423 ft³)

120

11,486 lbs

580/70 R38

1000

TITAN | 12

TYPE AGRI

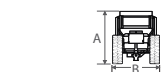
Perfect for farmers and contractors, featuring a durable spreading system designed for long-lasting performance.

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

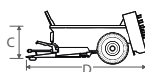
Side Extensions | Electronic Bed Speed Control | 650/75 R32 Wheels & Tyres | LED Strobe Light | Commercial axle and braking system
ISOBUS Weigh Cell System | Sprung Drawbar | Ball Hitch (80mm) for Sprung Drawbar



A = Overall Height (ft)



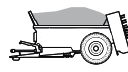
B = Overall Width (ft)



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 ft³ (510 ft³)

140

12,059 lbs

580/70 R38

1000

* 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 manure spreading.

Richard runs a fleet of Teagle manure spreaders, 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 manure 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 | Sprung 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

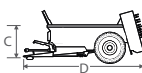
Side Extensions | Electronic Bed Speed Control | LED Strobe Light | Compost/Poultry/Manure Beater Tips
ISOBUS Weigh Cell System | Sprung Drawbar | 650/65 R38 Wheels & Tyres | Ball Hitch (80mm) for Sprung Drawbar



A = Overall Height (ft)



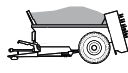
B = Overall Width (ft)



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

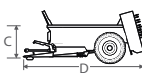
Side Extensions | Electronic Bed Speed Control | LED Strobe Light | Compost/Poultry/Manure Beater Tips
ISOBUS Weigh Cell System | Sprung Drawbar | 650/65 R38 Wheels & Tyres | Ball Hitch (80mm) for Sprung Drawbar



A = Overall Height (ft)



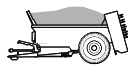
B = Overall Width (ft)



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 manure can be spread, so by choosing the one that holds the most manure, 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 manure 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 manure 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.

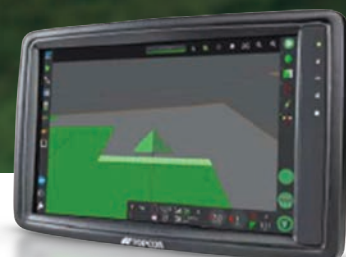
There is a lot of value in manure if you apply it evenly and consistently, the Athene ISOBUS Variable Rate Weigh Cell System makes that easy.



Available on Agri and Pro ranges

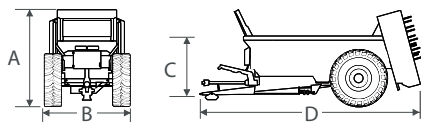


7" XD Monitor



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	15 1/32"	15 1/32"	9 1/16"
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 12" 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	414 ft ³	543 ft ³	607 ft ³
423 ft ³	510 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 ³³ / ₆₄ " 10 stud	16 ¹ / ₅ " x 5 ³³ / 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"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
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<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

The company's policy is one of continuous improvement and development, therefore specifications are subject to change without prior notice.

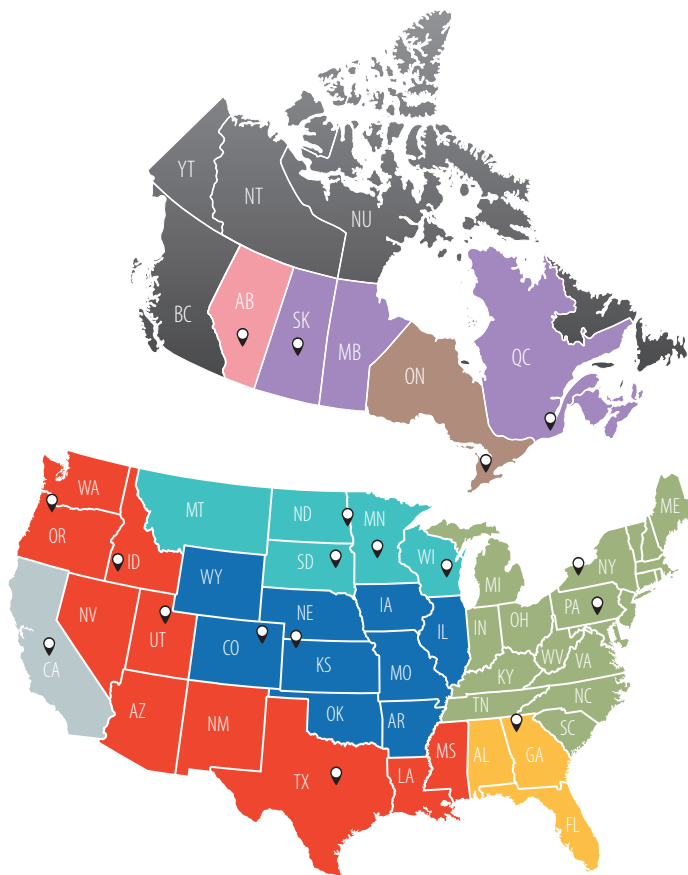
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KEY:

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Harco	Implement Sales	Laird Manufacturing	MTI Canada	Tram Sales



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