

2013

Product Range for Tractors



***Advanced Agricultural
Solutions for Tractors***

Innovatively Making Life Easier For Farmers Since 1993



Sean Blaney, Chief Engineer

“Blaney is a unique company where unique people produce ambitious and unique products. We never stand still and are constantly seeking to improve and make things better. Blaney is all about our team who believe in our business and products and strive to make them the best they can be”

Blaney has evolved from humble beginnings, based on a family farm located in County Antrim, Northern Ireland. It was established in 1993 by a young engineer Sean Blaney, with the initial focus on ATV equipment, and through continual design and development offer over 140 attachments for quads, which are well established as the Quad-X brand.

Quad-X

The success of Quad-X to develop quality, innovative products led to customer demand for the same unique technology to be available on a larger scale for use with tractors. In response to this explosive demand, the Blaney Tractor Division was created.

Manufacturing of tractor equipment started in 2005 with large 22ton trailers but it was the development of our innovative Power Shredder Mowers which led to demand for further expansion. The unique BLANEY engineering skills have led to the advancement of various machines including those for weed control bedding, feeding, mowing, shredding and hedgcutting.

Driven by engineering ingenuity, our R&D team’s agricultural background means we understand the problems our customers face and realise the importance of ensuring all our machinery is simple to use, easy to fit, robust, reliable and ultimately competitively priced.

Our experience gives us a unique ability to apply our expertise to **custom build** machines for you.

Sean Blaney, Chief Engineer is keen to draw on the company’s engineering expertise and manufacturing experience.

“We strive to continually look for possible improvements and incorporate new technologies where possible from product design through to manufacture. We endeavour to maximise our strong engineering ability and tailor our products to suit you, your needs and your budget.”

Don't Take Our Word For it, See How Our Products Work For Others



"The Blaney Aerator has been invaluable in getting the fields into good order after the last few years of wet weather. I chose the Blaney Aerator because the blade set up design allows for deeper and longer term aeration to get oxygen into the soil, improving drainage for better grass growth. I have noticed less run off so I have better results with less fertiliser. So I save money and have better grass."

- David Bonnar, Ballymena, Co Antrim



"Since getting my Forager back in December, I can safely say it is one of the best investments I have made. Before I got the machine it used to take me over an hour to feed my cattle, as I have a few small sheds to work around. With the Forager X10 it only takes 15 minutes with no more need to use the grape!! I use 300 bales a year, working with both silage and straw bales. I found the machine very handy for dispensing straw bales when I'm bedding, as it only unravels what I need. With the ever increasing silage costs using this machine means no wastage. Overall I have found the Forager invaluable this season. "

-Tom Pantony, Athboy, Co Meath



"The Blaney custom build engineers worked with me to tailor a machine to suit my existing equipment and poultry houses, to accommodate a Turkey and Broiler bird system. Before using the Blaney Poultry Bedder I had to manually bed my 6 houses. This Bedder has turned the 6 hour daily job into a 1 man operation which takes only 45 minutes with more even spread and uses significantly less bedding."

- Tom Forgraves, Co. Antrim

Advanced Agricultural Solutions



At Blaney we are genuinely interested in developing and manufacturing the best performing machines.

We are best known for our innovative and unique features that have been designed and developed in consultation with farmers and land owners. All our existing products are advanced solutions to existing customers' problems. We know that time is your most valuable resource, so we manufacture reliable machines to save you both time and money and stand the test of time.

We carry out events to show our machines in action, giving us the opportunity to chat with farmers,

landowners, contractors and smallholders - people like you, face to face, and discuss how we can improve or alter our machinery to best suit your applications and make your job easier.

We also use these workshops to share our knowledge that we have built up over the years within the agricultural industry. We provide advice to our customers on how they can get the most out of their land and simply how to make their jobs easier.



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The World's First Intelligent Weed Control System

Kill weeds, save clover, save money with Massive savings on chemical

Weed Wipers

Dual rollers offer the most cost effective solution to grassland weed control. Only weeds are targeted for massive savings on chemical and it's eco-friendly.

Blaney have been pioneers in developing weed wiping technology which has become the most effective proven alternative to boom spraying, thanks to massive savings on chemical. By targeting only the weeds with herbicide, the grass and valuable clover are left untouched and grass growth rate is not affected. Weeds on grassland can be controlled effectively though weed wiping provided the weeds are taller than the grass.

Blaney have developed a range of revolutionary patented Weed Wipers to deal with the toughest of weeds, including the 2.4m wide Quad-X Dual roller Wipeout™, Xterminator™ and single roller Weed Destroyer™ which can all be towed behind an ATV, Utility Vehicle or Tractor.

The tractor mounted wipers, with contact widths from 2.4m -8.7m, offer a unique solution for weed control even across larger grassland areas.

Environmental Benefits

With no off spray, wildlife habitats and species rich protected areas are less affected and it makes weed control healthier for you too.



4.5m



4.5m



4.5m



3m



6.6m (triple section)

Design innovations

Why choose a Blaney Weed Wiper?

1

Innovative dual, contra rotating long fibre rollers: for maximum kill & minimum drips.

- ▶ Absorbent long fibre synthetic rollers – for less drips & optimum chemical retention and application.
- ▶ Dual rollers (Xterminator & Wipeout (Elite) models) rotate in opposite directions for optimum chemical application – for quicker kill.

The 1st contra-rotating roller lifts the weed & applies chemical to the sensitive underside, rather than the waxy surface, for faster kill rates.

The 2nd roller acts to separate out clumps of weeds for better application. Chemical is applied to the primary roller, while the second roller absorbs any excess to minimise drips.

Achieve up to 100% kill rates - without the need to wipe in the other direction, to save time & chemical.

- ▶ Rollers are made from synthetic fibre (doesn't rot) to maximise chemical resistance.

2

Automatic weed detection & chemical application system. (Wipeout (Elite) models)

- ▶ Fill your tank & drive – no need for guesswork.

The Weed Detection System automatically activates the system to apply the optimum amount of chemical to the rollers, only when weeds are present, leaving you free to concentrate on driving, while saving chemical.

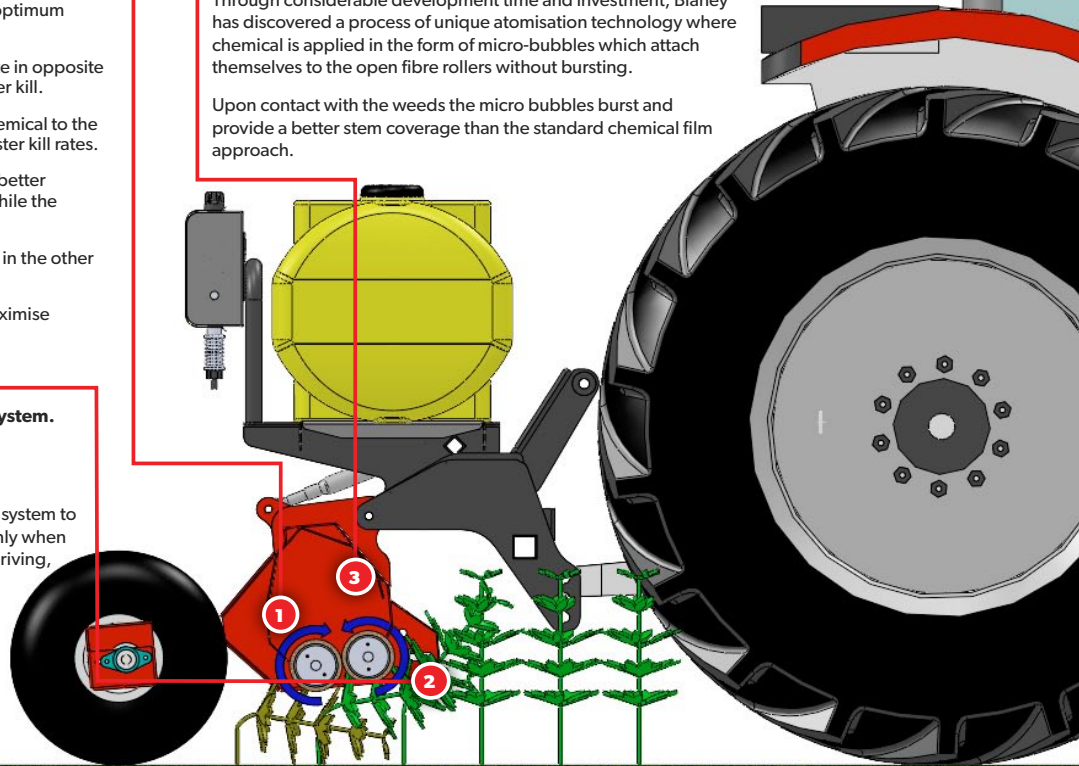
- ▶ Unique chemical control system to regulate chemical application rate for different weed densities.

3

Unique Atomisation Technology for better chemical application.

Through considerable development time and investment, Blaney has discovered a process of unique atomisation technology where chemical is applied in the form of micro-bubbles which attach themselves to the open fibre rollers without bursting.

Upon contact with the weeds the micro bubbles burst and provide a better stem coverage than the standard chemical film approach.



Features



Unique chemical control system: to regulate chemical application rate for different weed densities to reduce costs while maximising weed kill.

Fully **electronic in-cab controls:** to operate each section independently.

System Diagnostics: for easy troubleshooting (on the Wipeout & Wipeout Elite Models)



Wide profile tyres: to minimise tracks and surface damage in wet areas and tight turning circles.

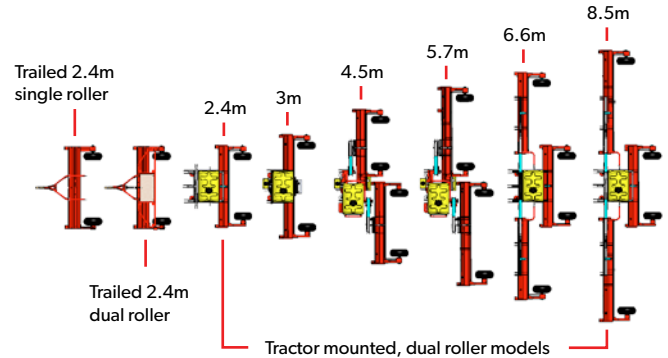
Ground Driven: Follows the contours of the ground for effective chemical application. Multiple units are designed to pivot for successful wiping even on undulating land.



230L UV protected tank: positioned on a raised frame to allow easy inspection of the tank contents without having to leave the cab. (60l with 2.4m wipers, 100l with 3m wipers. 230l optional)



Optional hydraulic height adjustment: for quick and easy repositioning to suit grass and weed height.



Depending on the width of the machines it will either have **1, 2 or 3 wings** which can be controlled individually, via in-cab controls to follow the contours of the ground with ease.



Innovative **fold up design:** for road transport.

Other Features:

- ▶ Standard Category 2 three-point linkage (category 1 & 3 optional)
- ▶ Infinitely adjustable height range 140 – 500mm (depending on the tractor linkage)

Models

Weed Destroyer™

The Weed Destroyer™, although the most basic in the Quad-X & Blaney range of weed wipers, is a machine that has a lot of impressive features to offer. The rider regulates the herbicide application and weed coverage by controlling when chemical is applied to the roller.

- ▶ *Contra rotating roller for faster weed kill rates.*

The weed is lifted up to allow for chemical to be applied to the underside of the leaf where it is sensitive to the chemical. This allows for a much faster herbicide absorption, compared to applying chemical to the waxy surface.

- ▶ *Long fibre roller - for excellent chemical retention and chemical application*
- ▶ *Only available as a towed 2.4 m model.*

Xterminator™

The Xterminator™ is also a manual system where the user controls when and how much chemical needs to be applied to the rollers from the cab of the tractor.

However it is equipped with DUAL contra-rotating rollers.

- ▶ *Dual contra-rotating rollers for faster weed kill rates. Rotate in opposite directions for optimum chemical application – for quicker kill*
- ▶ *The weed is lifted up to allow for chemical to be applied to the underside of the leaf where it is sensitive to the chemical. This allows for a much faster herbicide absorption, compared to applying chemical to the waxy surface.*
- ▶ *Long fibre roller - for excellent chemical retention and chemical application*

Wipeout™

The Wipeout offers massive savings on chemical over any conventional system and is ideal for environmentally sensitive areas where boom spraying is not appropriate. What makes the Wipeout™ superior to anything else is the automatic chemical application and the dual roller design. The automatic weed sensor system detects your weeds and *only* applies chemical to the rollers when weeds are present, meaning *no guesswork and no wasted chemical.*

- ▶ *Automatic Weed detection & chemical application system - Fill your tank & drive – no need for guesswork.*
- ▶ *Unique chemical control system to regulate chemical application rate for different weed densities.*
- ▶ *DUAL contra rotating rollers rotate in opposite directions for optimum chemical application.*
- ▶ *The weed is lifted to apply chemical to the sensitive underside for faster herbicide absorption than applying to the surface.*
- ▶ *Long fibre roller - for excellent chemical retention and chemical application.*

Wipeout Elite™

The Wipeout Elite™ has all the features of the Quad-X Wipeout™ but also comes with a unique chemical injection system; where the chemical is added to a separate tank from the water. This patent pending technology has been designed to mix the chemical with the water at the set rate to ensure accurate mixing and prevents chemical being wasted. All excess chemical can then be safely and easily dispensed from the separate chemical tank back into its original container, saving expensive chemical on change overs.

- ▶ *Unique Chemical Injection System – for easy & safe chemical mixing and no chemical changeover problems.*
- ▶ *Fill & drive automatic weed detection & chemical application system.*
- ▶ *Unique chemical control system to regulate application for different weed densities.*
- ▶ *DUAL contra rotating rollers rotate in opposite directions for optimum chemical application.*
- ▶ *The weed is lifted to apply chemical to the sensitive underside for faster herbicide absorption than applying to the surface.*
- ▶ *Long fibre roller - for excellent chemical retention and chemical application.*

Sprayers

Coming Spring 2013

The Blaney TGS range of grassland sprayers are a high specification range of sprayers which are compact and easy to use. A low centre of gravity design gives more stability while working on slopes. Combined with the close mounted, slim-line design there is improved front axle balance allowing a smaller tractor to be used.

With 20 years experience in manufacturing spraying equipment we have become accustomed to utilizing processes and materials for outstanding performance which have proven to stand the test of time.

Pump

The Blaney TGS sprayer range utilises high specification pumps. These are all positive displacement triple diaphragm pumps that are oil filled and self priming to achieve excellent performance. The pumps provide excellent resistance to any abrasion and corrosive chemicals for longer life.

A high performance control system along with the standard anti-drip nozzles prevent chemical leaking from the nozzles, and ensures they only spray once the optimum pressure has built up in the line.

Blaney also offer a compact 230L sprayer equipped with an 11.5LPM pump and a 4m or 6m boom.

Model	TGS400	TGS600	TGS800	TGS1000	TGS1200	TGS1400
Tank size	400L	600L	800L	1000L	1200L	1400L
Boom Width	8/10m	10/12m	10/12m	12m	12m	12m
Pump output	80LPM	120LPM	120LPM	120/140LPM	120/140LPM	120/140LPM

Sprayer Features

- ▶ Compact, slimline design
- ▶ UV protected tank, for long life
- ▶ 80-140Lpm top quality 3 diaphragm pump

Sprayer Options

- ▶ Integrated circuit wash and hand rinse tanks
- ▶ Tank sizes 400L-1400L available. Compact 230L model also available.
- ▶ Self fill kit ▶ Handlance kit ▶ Road lighting kit

Boom Features

- ▶ Designed by Blaney for durability – strong & fully galvanised
- ▶ 2-way safety breakaway to prevent breakages upon contact with obstacles
- ▶ Compact transport position - folds neatly and securely behind
- ▶ Anti-drip nozzles

Boom Options

- ▶ Boom widths 8m to 12m, 4/6 also available for compact 230L sprayer.
- ▶ Mechanical and hydraulic boom lifting kits
- ▶ Boom levelling kit – ideal for uneven grassland. The boom stays level while the sprayer frame absorbs the effects of any undulations in the ground



Cutting Hedge Technology

Developed to reduce running costs of fuel and time.

Hedgecutters

With decades of experience in the design, development and manufacture of machinery including flail and shredder mowers it was a logical progression for Blaney to apply their technology to develop a range of innovative hedgecutters and verge mowers.

Blaney have invested heavily in the advancement of their power shredding™ technology, to ensure a fine chop even from low power inputs. Their know-how has given them the ability to develop innovative cutting heads – the business end of the hedgecutter.

The Blaney range of hedgecutting machinery is suitable for contractors, farmers or amenities use, with hedgecutters to suit tractors from 20hp.

In designing these machines, Blaney have paid specific attention to reducing running costs of fuel and time, thanks to a quicker rotor speed for faster travel.

Lifetime maintenance costs are reduced as a result of painstaking development within the drive system for optimum oil conditioning. This also reduces tractor power input requirements with greater rotor output due to lower energy losses within the system.

There are three main series in the range including:

Compact Series
(for annual hedgecutting)

Agri Series
(for heavier duty jobs)

Contractor Series
(for the toughest hedgecutting tasks)

Within these Series there are numerous options available allowing Blaney to build a machine suited specifically to your needs and your budget.



Compact Series

The Compact Series is ideal for annual hedgecutting duties, maintaining all laneways, field and boundary hedges.

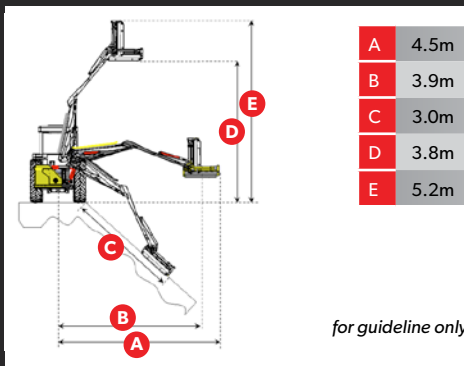
The specification options table on pages 22-23 allows you to select the features that you want within this series. Blaney also offer a standard model within the Compact Series, the Compact 450s.

450s Standard Features

- ▶ Reach 4.5m
- ▶ Standard Arm
- ▶ Cable control
- ▶ 1m Cutting head
- ▶ 140L Hydraulic Tank
- ▶ Bi-Directional Rotor

Options

- ▶ Mechanical Breakback
- ▶ Close Cut Arm
- ▶ Head Roller
- ▶ 1.2m Cutting head



for guideline only



Agri Series

The Agri Series has a robust design to tackle heavier duty jobs, shredding those hedges and boundaries around your farm that maybe haven't been maintained for a number of years.

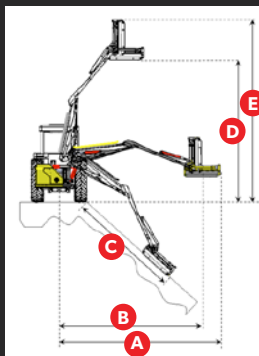
The specification options table on pages 22-23 allows you to select the features that you want within this series. Blaney also offer a standard model within the Agri Series, the Agri 450s.

450s Standard Features

- ▶ Reach: 4.5m
- ▶ Parallel arm geometry
- ▶ Power Slew (with hydraulic break-back)
- ▶ Cable Control
- ▶ 1.2m Cutting Head
- ▶ Heavy Duty Rotor
- ▶ 185L Hydraulic tank
- ▶ Self Lubricating Pins
- ▶ Bi-Directional Rotor
- ▶ High Capacity Bearings

Options

- ▶ Reach: 5m
- ▶ Proportional Joystick Control
- ▶ Close Cut Arm
- ▶ Lights
- ▶ 45 / 55 HP Head
- ▶ Head Roller



A	4.5m
B	3.9m
C	3.0m
D	3.8m
E	5.2m

for guideline only



Contractor Series

The Contractor Series has a strong robust design to tackle all types of hedges throughout the country whether they have been maintained regularly or haven't been cut in years.

The specification options table on pages 22-23 allows you to select the features that you want within this series. Blaney also offer a standard model within the Contractor Series, the C 550s.

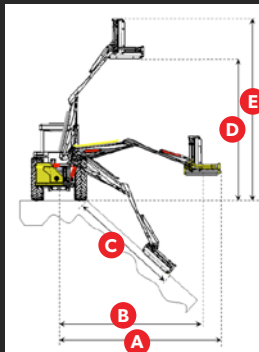
C550s Standard Features

- ▶ Reach: 5.5m
- ▶ Parallel arm
- ▶ Power Slew (with hydraulic break-back)
- ▶ 55HP head
- ▶ LPH Control
- ▶ 1.2m cutting head
- ▶ 210L Hydraulic Tank
- ▶ Lights
- ▶ Top link damper
- ▶ Self-lubricating pins
- ▶ Bi-Directional Rotor

- ▶ Heavy Duty Rotor
- ▶ High Capacity Bearings

Options

- ▶ Forward / Variable Forward / Close Cut Arm
- ▶ Telescopic arm
- ▶ 45HP Head Downgrade
- ▶ 60HP Head Upgrade
- ▶ Hydraulic Roller
- ▶ Worklamp
- ▶ Electronic Proportional Joystick



A	5.5m
B	4.9m
C	4.0m
D	4.8m
E	6.2m

for guideline only



Excavator Attachment

Get the most out of your excavator during the quieter months of the year with the Blaney cutting head attachments.

Blaney have developed a range of cutting heads which can be coupled directly to your machine, and are capable of cutting high density material (3 years growth and more).

Due to variations in pump outputs of different excavator makes and models, each cutting head must be specifically designed to suit the specific machine to which it will be fitted, in order to achieve the best output and performance. This will ensure that the machine runs efficiently, and is not overloaded during operation.

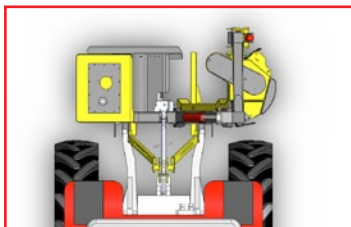
Blaney have developed a number of special features which enhance the operation of their range of excavator cutting heads. These include the unique head float system which reduces the input required from the operator and provides protection against scalping, especially when verge cutting.

To get a cutting head tailored to suit your needs, please contact a member of the engineering team at Blaney. Based on the power output and oil discharge from your excavator, a cutting head can be developed so that you get the best performance from your machine.



Hedgecutter Options

Blaney can custom build a hedgecutter tailored to your needs. Choose from the many options to follow, to design your own machine with all the features you need, at a price you can afford.



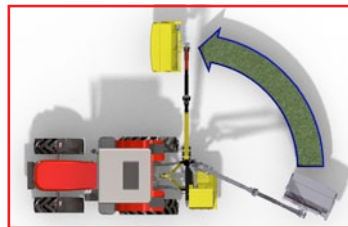
- ▶ A patent pending design to tackle hedges along tight roads and laneways
- ▶ Ideal for cutting close in-line with the side of the tractor. The cutting head can completely tuck in behind the tractor rear wheel at low level and reduces the need to move away from the hedge for higher level cutting that would be required when using a conventional arm.

Close-cut Arm

Cutting head is stepped behind the centreline of the main arm, allowing more compact fold up and working positions.

Benefits:

- ▶ Can cut within the width of tractor without the need for a power slew and orbital head
- ▶ Keeps the weight of the machine close to the back of the tractor meaning smaller tractors can be used, resulting in better fuel economy
- ▶ Excellent manoeuvrability and geometry
- ▶ Very compact transport and storage position, folding in within the width of the tractor makes hedgecutting safer for oncoming traffic and other road users.

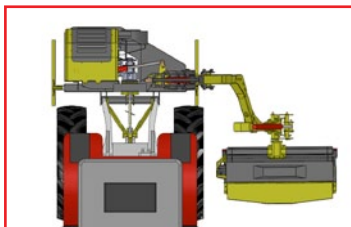


Power Slew

Available on all Agri and Contractor series machines. Allows the main arm to hydraulically rotate back behind the tractor by 115°.

Benefits:

- ▶ Provides a compact position for road travelling and access through gateways
- ▶ Enables the operator to cut into tight corners (without leaving bits behind)
- ▶ Improves weight distribution of machine during transport

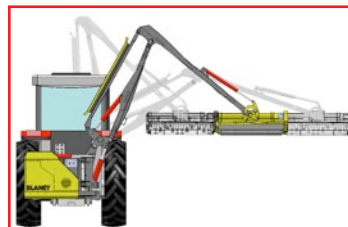


Forward Reach

Cutting head is stepped in-front of the centreline of the main arm, bringing it into the line of sight of the operator, reducing fatigue and increasing performance.

Benefits:

- ▶ Great visibility of cutting head during use, enhancing operator comfort
- ▶ Provides the operator with a clearer view over the working area, increasing safety

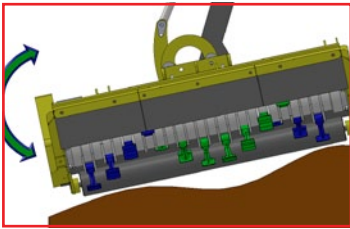


Parallel Arm

Maintains a consistent head height, while the operator varies the reach of the machine, via a single service input.

Benefits:

- ▶ Reduces operator fatigue as only 1 service input is required to maintain head height
- ▶ Geometry enhances reach capacity due to improved 'over fence' clearance

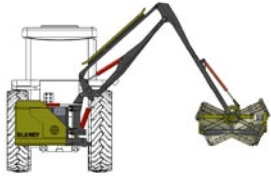


Angle Float Kit

Used for verge mowing enabling the cutting head to automatically follow the contours of the ground in a horizontal plane. This feature can be activated through the in-cab controls.

Benefits:

- ▶ Reduces operator input when verge mowing, therefore increasing safety and improving output
- ▶ Reduces damage and wear to flailhead and rotor, caused by scalping
- ▶ Minimises “missed” parts along verge, producing a cleaner finish

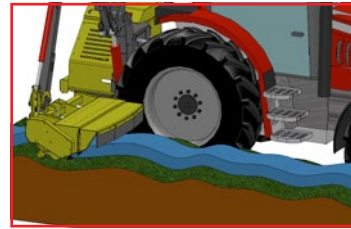


Safety Breakaway

A Safety breakaway system can be incorporated into any machine arm. It can be either mechanical or hydraulic. (Auto-reset is available on hydraulic models). The function is to protect the arm from damage (typically bending) when the cutting head comes into contact with a foreign object. The arm is allowed to fold back slightly, while the operator brings the tractor to rest, preventing any damage.

Benefits:

- ▶ Machine arm is protected from damage if the cutting head hits a foreign object
- ▶ Tractor is protected from damage that could result from the cutting head hitting an obstacle
- ▶ The obstacle is protected from damage
- ▶ A patent pending design to tackle hedges along tight roads and laneways

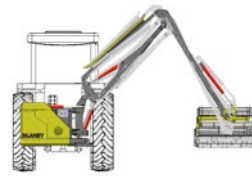


Lift Float Kit

Used for verge mowing enabling the cutting head to automatically follow the contours of the ground in a vertical plane. This feature can be activated through the in-cab controls.

Benefits:

- ▶ Reduces operator input when verge mowing, therefore increasing safety and improving output
- ▶ Reduces damage and wear to flailhead and rotor, caused by scalping



High-Reach Geometry

Enables the operator to reach all those awkward positions in tight areas, where space is a big limiting factor. Ideal for cutting hedges of any height, in narrow lanes or along busy highways where it is necessary to stay close to the hedge.

Benefits:

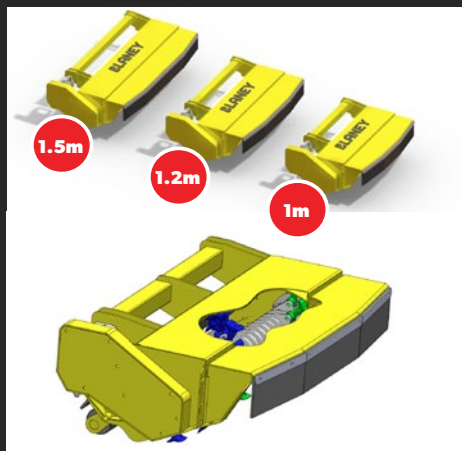
- ▶ Close-in cutting at any height allowing access to the most restricted areas
- ▶ Ideal for cutting in narrow lanes
- ▶ Ideal for cutting along busy highways

Heads, Blades & Rotor

Hedgecutter Heads

Hedgecutter Heads – As this is the part of the machine that does the majority of the work Blaney have spent a lot of time and resources on its development.

It is important that the correct cutting head is selected for your application, to maximise the performance of your machine. Flail heads are available in 3 sizes: 1m, 1.2m and 1.5m. Each flail head has a unique heavy duty; twin skinned molecular body, for improved strength and reliability. The alloy material used minimises weight for increased stability at reach. There are numerous further options available to include a roller and skids, which protect the rotor and main body from scalping.



Heads Benefits

- ▶ *Molecular structure of body increases strength for a longer life*
- ▶ *Bearing enclosed within width of skid, allowing the head to cut tighter around obstacles*
- ▶ *High wear front and rear flap for protection against damage from projectiles*
- ▶ *“Offset” head for adjustment of reach as and when needed*
- ▶ *252° angular rotation of cutting head enhances cutting range*
- ▶ *Compact head mount linkage, to cut closer around telegraph poles, etc*

Blades

A crucial part of the cutting head, again with a number of available options.



1. Grass Y-blades – ideal for verge cutting to leave a professional finish. They have a high resistance to impact which is required to deal with foreign objects often found along verges.

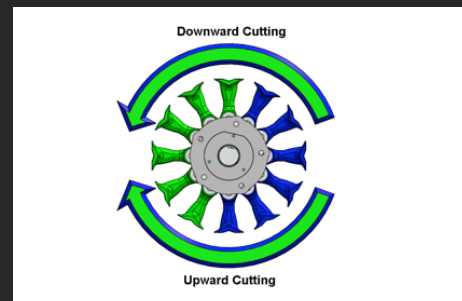
2. Boot Flail – suitable for cutting anything up to one year's growth

3. Hedge T Flail – suitable for hedges that haven't been cut in a number of years. Required if you want to use the bi-directional function of the rotor.
2 types available: standard and high speed.

Bi-Directional Rotor

All Blaney hedgecutters are fitted with bi-directional rotors as standard, allowing the operator to select which way they want the rotor to turn for the task being carried out. Rotor direction can be controlled either by cable or electronically via the control box.

To prevent projectiles from being thrown out, it is advised that downward cutting is used, as this throws the debris into the hedge. Upward cutting is more suitable where the material being cut is very dense and a smooth finish is still required.



Control Options

The interface between the operator and the machine. All controls carry out the same basic function but with varying degrees of complexity and user friendliness.



Cable Control

Gives progressive control over the movement of the cutting head. Individual levers for each function means that it is a very user friendly method of control with high sensitivity.



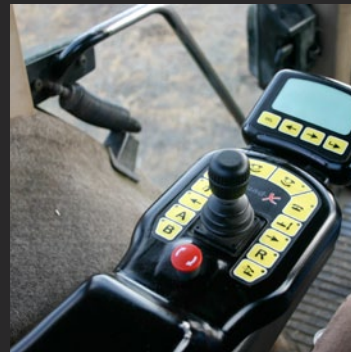
Electronic Switch Box

An arrangement of miniature electronic joysticks which give fingertip control, with instantaneous response. Minimal user input required.



Proportional/LPH Joystick

Main arm functions of the machine are controlled proportionally using low pressure hydraulic oil. This means that the movement of the cutting head is proportional to the movement of the joystick, enhancing the level of control.



Electronic Proportional Joystick

All movements of the machine are proportionally controlled using electronic switches and software. Provides a 'feather-like' control over the complete machine. Very low effort required for rapid and immediate response.

Hedgecutter Options

Optional
Not Available

•
—

	REACH	Compact	Agri	Contractor
Reach (m)	3.0	•	—	—
	3.5	•	—	—
	4.0	•	—	—
	4.5	•	•	—
	5.0	—	•	—
	5.5	—	•	•
	6.0	—	—	•
	6.5	—	—	•

	ARM	Compact	Agri	Contractor
Arm Options	Forward Reach F	—	—	•
	Variable Forward Reach f	—	—	•
	Close cut	•	•	•
	Straight	•	•	•
	Telescopic (extends 1m) T	—	—	•
	Parallel Arm Geometry	—	•	•
	Lift Float Kit	—	•	•
	Angle Float Kit (requires roller)	•	•	•
	Power Slew	—	•	•

	BASE	Compact	Agri	Contractor
Horse Power	35hp	•	•	—
	45hp	—	•	•
	55hp	—	•	•
	60hp	—	—	•
Hydraulics	Gear Semi Ind	•	•	—
	Gear Totally Ind	•	•	•
Attachments	Cutter Bar - 1.2m	•	•	•
	Rotary - 1m	•	•	•
	Flail (choice of rotor & blades)	•	•	•
	Hydraulic Oil Tank (Litres)	140	185	210

	HEAD	Compact	Agri	Contractor
Head Size	1.0m	•	•	—
	1.2m	•	•	•
	1.5m	—	—	•
Cutting Head Drive	Bi-Directional	•	•	•
Drive & Motor Position	Direct I	•	•	•
	Direct R	•	•	•
	Belt L	•	•	•
	Belt R	•	•	•
Head Roller	Manual	•	•	•
	Hydraulic	—	—	•
Method of Attachment	3PL	•	•	•
	Axle (recommended for 5.5m+)	—	•	•

Compact 450s Testimonial

CONTROL	Compact	Agri	Contractor
Cable	•	•	—
Proportional Joystick	—	•	•
Switchbox	—	—	•
Electronic Proportional Joystick	—	—	•
Safety Breakaway	Mechanical	•	—
	Hydraulic	—	•
OTHER			
Oil Cooler	—	—	•
Road Lighting Kit	—	•	•
Debris Blower	—	—	•
Cushioned Grass Mowing Roller	—	—	•
Flail Head Skid Kit	•	•	•
Arm work lamp	—	•	•
Wire trap	—	•	•
Top link shock isolator	—	•	•



"I was looking for a hedgecutter that would suit my job and found that Blaney were the most capable manufacturer to accommodate my needs. I chose the Compact 450s and have found it extremely impressive for its size. It's very smooth to operate and gives a nice finish. It allows me to keep hedges and verges tidy all year round."

- Darius Ryan, Annenath, Co. Tipperary



Reclaim Your Land

Next generation mowers

Power Shredders™

Blaney have pioneered mowers for a fine chop in extreme conditions without the need for big HP.

Left to its own devices your pasture will become choked with weeds which will stunt the growth of healthy grass.

The Blaney range of Power Shredder™ mowers are an evolution of conventional flail and mulcher mowers, giving an extreme hyperchop and ensuring faster travel speeds. With finer chopped material, more cut edges results in faster decomposition.

The Power Shredders™ are a vital tool in topping and maintaining well-kept green pastures, essential to the health and well-being of your stock grazing them. The range is designed for and tested to cope with the densest of weeds including rushes, which no other competing brand can deal with.

The Power Shredders™ are equally effective for topping grassland areas, and tackling weeds such as docks, nettles and thistles, bracken and ragwort allowing you to work at faster travel speeds, saving valuable time and fuel.

In today's market, profitability for any landowner or farmer is essential, savings must be made where possible. The Power Shredder™ has been shown to reduce diesel by up to 12% compared to a tractor flail thanks to less load on the engine and greater efficiencies. It can also work at faster travel speeds, saving valuable time and giving a finer chop. Protect your single farm payment, optimize grazing and maximise profits.

Features

- ▶ *Innovative rotor & blade design ensures material is chopped finely into a mulch-like material and spreads it more evenly.*

Rotors are extra thick but have a small diameter for less stone damage.



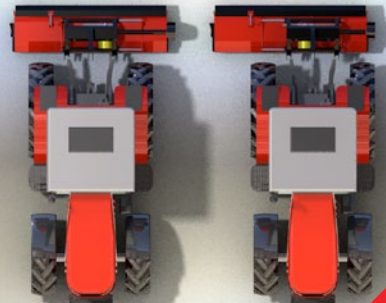
Finely cut rushes contain 70% NPK value of farmyard manure. The finely shredded rushes fertilise your ground to help boost grass growth and profitability.

- ▶ *Shreds heavy overgrown material such as rushes, gorse, bracken, heather & scrub.*
- ▶ *Rotor runs at a much higher speed than a tractor flail to give a finer chop & greater fuel efficiency.*
- ▶ *Special double-skin alloy body for minimum weight and maximum strength.*
- ▶ *Auto belt tensioning reduces drive wear and maintenance, keeping you on the job longer.*

Shred rushes, gorse, bracken, heather & scrub with ease!



Optional Sideshift



Options

Blaney offer 3 ranges of Power Shredder

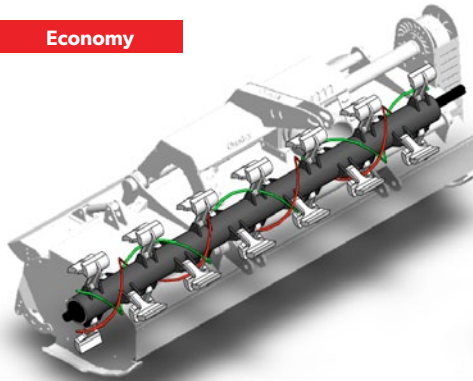
▲ Economy, Dynacut and Hypercut

As you move up through these ranges, the rotor set up changes to achieve a finer chop, to allow for faster decomposition of clippings. The design improvements result in increased working efficiency - for a faster travelling speed saving fuel and time. More blades ensures less pressure on the blades to allow for use by smaller horsepower tractors.

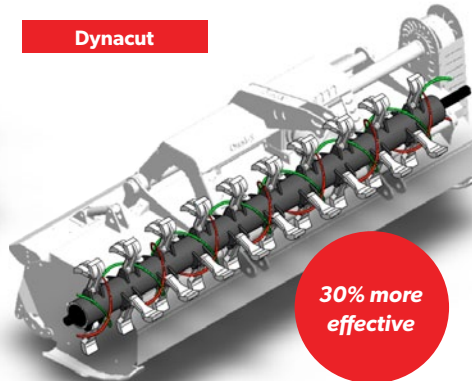
The Economy Range is more comparable to competitor flail specs. The higher performing Dynacut Range is 30% more effective, while the impressive Hypercut Range offers 45% increased effectiveness, for maximum cutting efficiency and the finest chop.

To select the right Blaney Power Shredder for you, you must consider the type, density and area of vegetation you will be cutting and how fine a chop you want. You can choose one of our standard models, or you can select the features and options that suit you best, and we can custom build it to your specification.

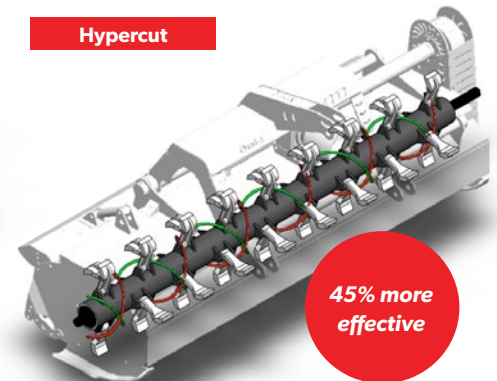
Economy



Dynacut



Hypercut



Increasing rotor effectiveness for finer chop and fuel savings

Custom Build Options

The following table highlights the features and options available. If you are not sure what spec would suit you best, ring and speak to one of the Blaney engineers, who have been involved in the design and development of the range.

Feature	✓
Not Available	-
Optional	○

		Economy	Dynacut	Hypercut
MOUNT	Rear	✓	✓	-
	Rear with 450mm sideshift ^a	-	○	✓
	Front/Rear with 450mm sideshift ^b	-	○	○
BLADES	Hammerhead	✓	-	-
	Double link Grass Y ^c	-	-	-
	Double link Pressed Rush blade ^d	-	✓	✓
	Cast Heavy duty	-	○	○
Clipping size Adjustment	Manual	✓	✓	✓
	Hydraulic	-	-	○
Skids	Standard	✓	-	-
	Floating wide skids ^e	-	✓	✓
Drive Protection	Shear Bolt	✓	✓	✓
	Overrun clutch	○	○	○
Roller	Rear roller	✓	✓	✓
	Rear roller scraper ^f	-	-	○
Diffusers	Diffusers ^g	-	○	✓
Rear Wheel	Rear Wheel	○	○	○

Shredder width options and min hp requirements for medium density material



- Shifts the machine to the right hand side by 450mm
- Can be mounted front or rear, with ability to sideshift 450mm to the right.
- Tuck-up under the rotor to minimise damage, which is better for stoney ground
- Tempered and can be sharpened. Tuck-up under the rotor to minimise damage, which is better for stoney ground
- Curved skid ideal for use on wetter ground to spread pressure and prevent sinking and digging in, especially when side shifting
- To remove grass & muck to keep the roller clean for smoother travel and tidier finish
- To ensure a more even spread of material.

3-in-1 Power Shredders



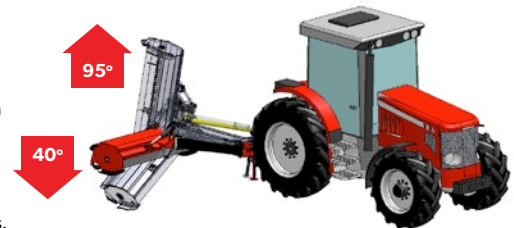
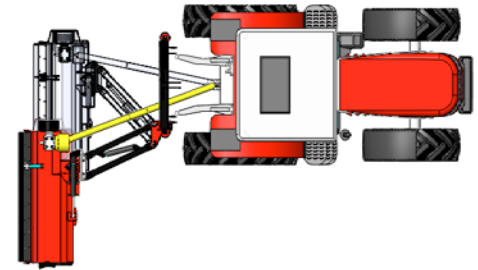
The innovative 3-in-1 Power Shredder™ boasts all the advantages of the standard Tractor Power Shredder yet gives you the added benefit of having one machine with many uses. Thanks to the 3-in-1's multi-position feature you can cut anything from directly behind to fully offset with the ability to angle up and down. The 3-in-1 can be used not only for topping and shredding but also for hedges/verges and embankments.

- ▶ Can be positioned directly behind or offset to minimise tractor tyre tracks.
- ▶ **Hedge facing:** Keeps hedge faces in check, especially laneways.
- ▶ **Topping & mulching:** It gives an impressive finish compared to a conventional topper with a minimum of 30 more cuts per revolution than a conventional topper, for a finer cut (depending on blade options). Material will decompose faster resulting in boosting this season's grass yield.
- ▶ **Verges:** The Blaney 3-in-1 can be easily moved to avoid any object and poles that obstruct the cutting path often without tractor repositioning.
- ▶ **Embankments:** These can prove a dangerous task to cut but are much safer with the 3-in-1.

Why consider a Blaney 3-in-1 Power Shredder™?

With a unique rotor and cutting chamber design for increased efficiency, the 3-in-1 Power Shredder™ saves time & fuel with less Horsepower needed compared to a tractor flail yet gives a much finer chop.

The 3-in-1 Power Shredder™ comes with all the Power Shredder options highlighted on the previous page. It also comes with an extra blade option of hedge blades.



X-Cut Agri Rotary Mower

Designed to get the job done up to 3 times faster with lower power requirements and lower operating cost per acre while leaving results that improve profit from grass yields.

For larger farms and contractors that value the benefits this machine can return. At Blaney much has been learned from the advanced performance achieved in the design of our other cutting machines and the company's heritage of maximising the cutting process to utilise the power available from small engines has resulted in more than just making blades rotate.

Faster work rates thanks to:

- ▶ Larger flexi wing topper with more blades on smaller diameter rotor
- ▶ Blades turn at high speed for more cuts per metre of travel
- ▶ Less distance to move cut material before it is ejected

Lower HP requirements thanks to:

- ▶ Reduced load requirement due to more cuts per stalk, to avoid momentum build up problem associated with conventional larger toppers
- ▶ Efficiency achieved by the body design for efficient material flow
- ▶ X-Cut is suitable for smaller tractors since it is short from front to rear to minimise leverage and allow for mounting close to the tractor. (smaller tractors can access tight corners yet cut large widths)

The X-Cut Agri topper has proven to be a vital machine for 2 different applications.

1. T6 rotors for maintaining pasture: This model has been innovatively designed with extra formed blades on each rotor to lift the first cut and apply additional cuts from the second blade row. This results in less drag

from moving long lengths of material and it chops the vegetation finely and spreads it encouraging faster decomposition, faster recovery and better grass regrowth rates.

2. T3 rotor for Land maintenance: Non livestock areas such as Set-aside, Scrub land, Parkland, airports and Military and Large verges. This model is designed to cut and provide a visually pleasing finish without the need to be concerned about regrowth or recover.

Features

- ▶ Remote greasing of spindles (with 2 yr warranty) for improved maintenance
- ▶ Suitable for use with 60HP+ 12ft and 70hp for 15ft (depending on conditions)
- ▶ Hydraulic Folding Wing system
- ▶ Floating wings: each wing can follow the contours of the ground up and down
- ▶ Shaft drive

Options

- ▶ 12ft (3.6m) and 15ft (4.5m) cutting widths
- ▶ Rear Roller
- ▶ Front Roller for turf applications
- ▶ Anti-Scalp pans on each rotor for protection.
- ▶ Wheel Kits





Blades of Steel

Blaney 5 blade Aerators produce the longest slit giving the soil dramatically better free drainage for longer lasting soil aeration with more fertiliser retention



Aerator/Slitter

Boost grass and save fertilizer. The Blaney Aerator releases the equivalent of 50kg of nitrates per hectare.

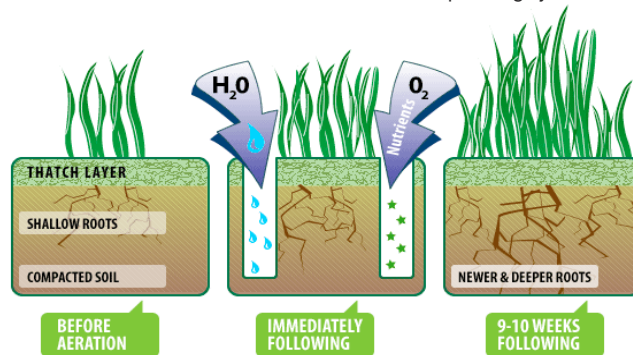
Compaction of grassland is a common problem caused by livestock and heavy machinery which reduces grazing potential.

The Aerator blades cut through the compacted layers of soil to open up fissures for better drainage, more efficient use of nutrients and healthier grass.

A Blaney Aerator is a worthwhile investment that will last for years, boost your grass yield and reduce your fertiliser expense, improve slurry matter retention and nutrient uptake by roots.

Advantages

- ▶ Oxygen introduced into soil
- ▶ Increased root development for better grass growth
- ▶ Improved Nitrogen fixation for legumes e.g. clover
- ▶ Increased microbial action for better use of fertiliser - Reduce fertiliser bills
- ▶ Soil recovers quicker after mowing
- ▶ Surface drainage improved (less rainwater & slurry run off)
- ▶ Less compaction
- ▶ Less poaching by livestock



Features & Options



Features

▶ Boron Steel Blades – strong & durable

▶ Staggered Blade design

This unique staggered blade arrangement ensures only a small number of blades enter the ground at once, putting less load on your tractor and reducing horse power needed and giving lower fuel costs.

▶ Tapered and sloped blade for cleaner slit exit, with less sod lift

▶ Anti-loose blade supports on heavy duty model

▶ Heavy rotor to reduce bending in stoney ground

▶ Impressive working depth of 180mm

▶ Can carry up to 750kg – to force blades into highly compacted ground.

▶ HP requirement is 40HP



Options (images on page 33)

▶ 3, 4 or 5 blades

▶ 2m, 3m, 4.5m, 6m widths

▶ Single fixed or adjustable split rotors

▶ Medium Duty or Heavy Duty models

▶ Wheeled model

▶ In response to stock farms with no big tractor required to lift 6metre models the wheeled kit permits 80hp+ to operate a weighted 6metre machine

▶ Duo One Pass system – tined harrow

▶ Triple One Pass System - tined harrow & broadcaster

Consider BLANEY one pass systems advantages

In response to our customers increasing pressure to reduce costs, the Blaney design and development team have established systems to do more operations simultaneously including.

Duo System -Dethatching, Removing moss & dead vegetation to open soil surface allowing it to 'Breathe' more oxygen and boost grass.

Triple System- Dethatching and over sowing
With the addition of the Quad-X broadcaster grass varieties and clover can be stitched in for bare and heavily poached areas improving grass quality and quantity, reducing weed uptake in these areas.

Adjustable split angle rotor

The adjustable split angle rotor enables you to easily adjust the rotors; this means the blades will penetrate and exit at an angle opening up deeper and wider fissures, shattering compacted soil between the aerating slits for improved drainage.

This setting is often used on more compacted areas such as grazing ground where animals have trodden or where machinery has travelled regularly, since harder penetration helps to allow air, water and nutrients to pass down to the roots.

Models

Model & Rotor Type	2m	3m	4.5m	6m
Medium Duty Single	✓	✓	-	-
Medium Duty Split Angle	✓	✓	✓	-
Heavy Duty Split Angle	-	✓	✓	✓

Blades

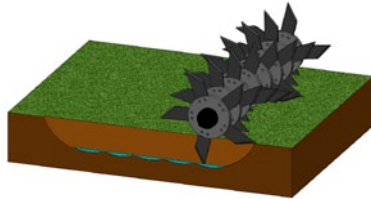
Make your time in the field generate better results. More blades mean better drainage thanks to the peaks in the drains created being more continuous for bigger volume fissures. This reduces the troughs which will hold water, leaving more room for air.



For sandy soil (3 Blades)

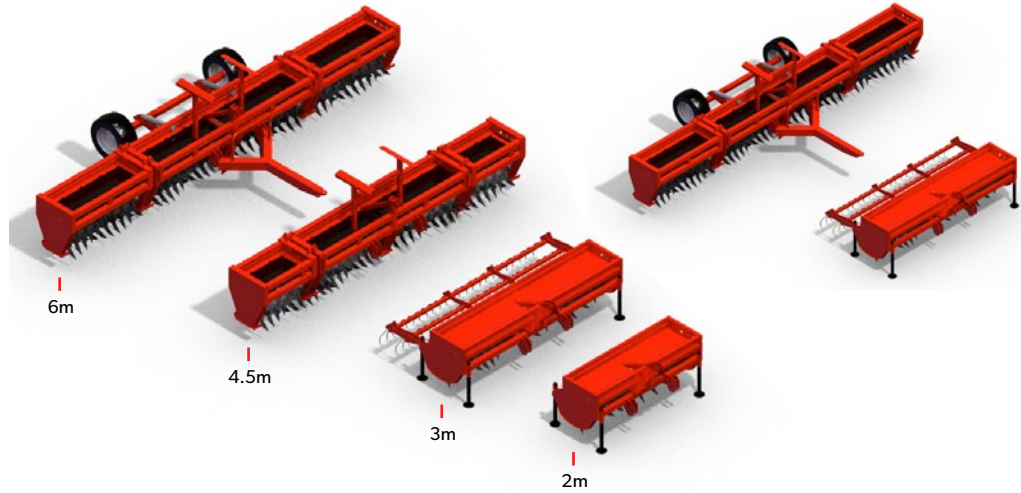


For heavy soil (4 Blades)



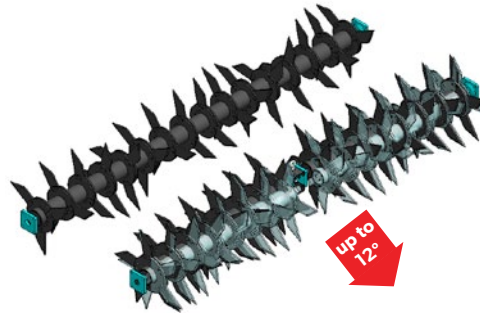
For heavy poached soil (5 Blades)

Widths: 2m, 3m, 4.5m & 6m

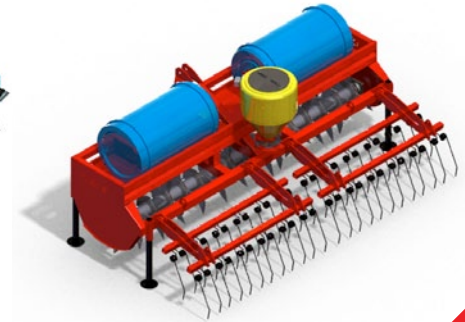


6m trailed and 3m Duo one pass system

Single fixed rotor or Adjustable Split rotors



Triple System with Broadcaster





Easy Feeding and Bedding

Save time and money bedding and feeding livestock

Bale Shredder

Save time and money bedding and feeding livestock with our innovative bale shredder.



The Bale Shredder has been designed to save you time and money involved in bedding and feeding livestock, typically labour intensive jobs. The large diameter rotor serves for faster bale throughput to get each through as quickly and efficiently as possible, shredding a bale for feeding or bedding in as little as 2 ½ minutes, making it faster than any competitor.

This has been achieved by maximising material flow within the drum and rotor, through extensive computer-aided simulation and on-farm testing. Thanks to its efficient construction even low powered tractors from 70hp can operate it (trailed wheel kit required).

Features

- ▶ Innovative fan and discharge chute design to maximise and maintain air volumetric flow and velocity that ensures flow of straw over large distances, with less particle size difference over distance
- ▶ Large diameter rotor and innovative cutting face design for faster bale throughput
- ▶ Two discharge chutes for both silage & straw
- ▶ Compact size - The overall geometry of the Bale Shredder is normally contained within the width of the tractor, for easy access along narrow passage-ways or through narrow gates.
- ▶ Innovative design for strong and robust yet light-weight construction - even low powered tractors from 70hp can operate it. (Trailed wheel kit required)

Options

- ▶ Capacity - 2 sizes available, the 1200 to suit 4 foot bales and the 1500 to suit 5 foot bales, clamp silage or large square bales with addition of drum extension
- ▶ 3 models available- the F series for optimum silage set up and feeding, and the B series for optimum straw setup and bedding, and the FB series when both feeding & bedding tasks are required.
- ▶ Customized blade & rotor options to suit various applications. The rotor set-up can be tailored for each customer and their application, to achieve the required chop length of between 1 and 4 inches.
- ▶ Additional 3rd bottom discharge chute
- ▶ Optional 270° giraffe chute for high level discharge
- ▶ Hydraulic Chute Control
- ▶ Hydraulic Top Link
- ▶ Chain drive drum – (required for heavy silage bales)
- ▶ Drum Extension – for large straw square bales
- ▶ Self-loading system. Turn your feeding & bedding into a 1 tractor operation
- ▶ Trailed kit - preferred for lower powered tractors to reduce linkage weight - innovative design allows full tilt while maintaining good ground clearance and low centre of gravity



Rotor flow on straw provides a more even particle distribution over a greater distance



Self-loading system with trailed kit



1.Lift



With Drum Extension & Trailed Kit



2.Load



3.Feed

Feeding



The Blaney Bale Shredder can chop silage bales up to 5 times faster than a diet feeder

With this machine you can give livestock the optimum amount of fresh silage without the need for back-breaking graping. By feeding on a daily basis, silage is more palatable, giving improved intake for more liveweight gain per day. This results in less wastage and more profit.

The Bale Shredder can be easily loaded with round bales for feeding, shredding and chopping the silage up into more manageable lengths for easier eating. With various discharge chute options, it can be used to feed silage along passageways, over gates or into troughs, tubs or feeding trailers.

Using chopped silage bales prevents livestock pulling the silage into the slats resulting in cleaner livestock and reduced blockages in slurry mixing and lifting operations. Research and tests comparing chopped and unchopped silage found that chopped silage gave improved intake and more liveweight gain. The Bale Shredder has been innovatively designed to allow you to vary and control the chop to suit your feeding needs.

F series

- ▶ *Chops silage up for easier eating*
- ▶ *Gives optimum amount of fresh feed for:-*
- ▶ *Less wastage & improved intake*
- ▶ *More liveweight gain per day*
- ▶ *More profit*
- ▶ *Suitable for clamped & baled silage*

Bedding



The first bale shredder designed to reduce dust and give a more even spread over a greater distance

The Blaney Bale Shredder is ideal for straw chopping for bedding and can be used in cubicles or large pens. The option of a high discharge chute can distribute straw up to a distance of 10m.

An innovative fan design maximises & maintains volumetric flow and air velocity that ensures maximum flow of straw over these large distances with minimised dust. Meticulously developed discharge chute geometry maintains material flow in suspension to minimise drag losses and maximises pressure difference to further accelerate flow and even particle distribution.

Not only does this help prevent the unwelcomed occurrence of "chute blockage" but it also means that less horsepower and diesel is required to operate the machine. This benefits the user immensely, as lower horsepower results in lower running costs and increased profits.

B series

- ▶ *Efficient use of straw with more even & effective spreading*
- ▶ *Cleaner more comfortable beds for healthier livestock*
- ▶ *Chop control kit options allow straw bedding suitable for cattle and sheep down to very fine chop for poultry*
- ▶ *Suitable for round & large or small square straw bales*
- ▶ *Volumetric flow and velocity for more even particle size distribution (prevents all heavy at the end of the spread)*
- ▶ *Reduced dust - rotor design prevents particles separating from main flow*

Forager X10

The fastest, easiest one tractor round bale feeding solution.

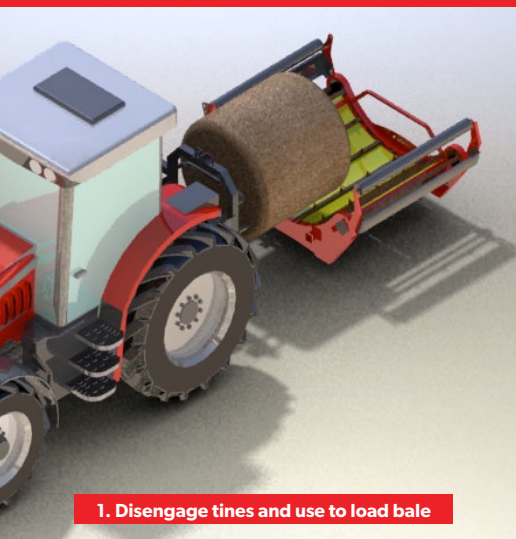
The Forager X10 is a unique self-loading round bale feeder which has been designed to take the hassle out of feeding silage to livestock.

The Forager X10 allows you to feed the optimum amount of fresh silage to livestock every day from the comfort of your tractor seat without the need for back-breaking graping. It works faster than any diet feeder and you can easily control the amount of silage dispensed with the adjustable output function as standard. By only feeding the required amount of silage needed on a daily basis the silage is fresher and more palatable to livestock, to give improved intake and more liveweight gain per day - making you money. With less selective eating, less silage is wasted - saving you money and time.

Drawing from our agricultural background, engineering experience and wealth of product development knowledge, design engineers at Blaney have developed this machine with several patents pending specifically to work with wet and saggy bales, a result of the unpredictable UK and Irish climate.

With the tough economic climate, all farmers must save time and money where possible. The 'Forager X10' will help you feed livestock in 1/10 of the time with a lot less effort compared to manual graping, reducing wastage and increasing livestock weight gain for greater profitability.

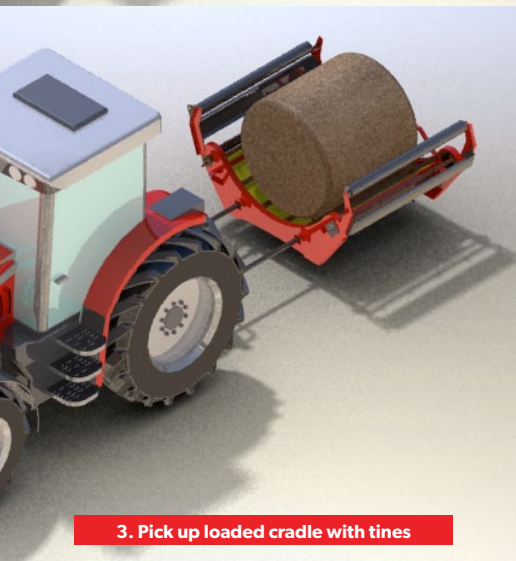




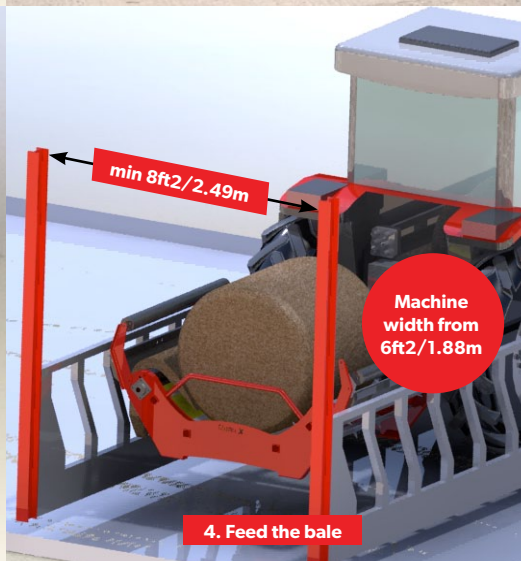
1. Disengage tines and use to load bale



2. Remove plastic



3. Pick up loaded cradle with tines



4. Feed the bale

Features

- ▶ Self-contained bale lifter for loading - 1 tractor operation: **1.** Disengage tines and use to pick up bale and set into cradle. **2.** Remove the end plastic, slice the plastic and netting and tie onto the forager frame. **3.** Pick up loaded bradle with tines. **4.** Feed the bale
- ▶ Innovative design for quick feeding in 3 easy steps: Lift, Load & Feed
- ▶ Compact design to allow for feeding along narrow passageways
- ▶ Feeds both sides of passages
- ▶ Designed to remove the wrap / net easily
- ▶ Adjustable output with hydraulic control—Only feed what is required!!
- ▶ Low cradle for easy loading & wrap / net removal
- ▶ Suitable for use with tractors of 75hp+
- ▶ Guards for protection from moving cross bars
- ▶ Floor encourages slip and bale rotation for effective feeding
- ▶ Mounted on 3 point linkage
- ▶ Feeds all types of round bales
- ▶ Strong durable frame. Developed using finite element analysis for maximum strength and minimum weight
- ▶ Heavy-duty 2" spring tines designed for maximum strength to carry the weight of the loaded cradle. Also ideal for transportation of bales to, from and around the farm. Tines have uneven toe length for easy engagement of cradle.

Options

Wet Bale Kit



- ▶ Side Rollers (1 or 2)

Ideal for use with wet, saggy and stacked bales

- ▶ Spring loaded mechanism for side rollers for optimum feeding of misshapen bales

Flow Control Kit

- ▶ Additional speed control (high oil flow tractors only)

Loader Version Forager X10L



Following numerous demands Blaney developed the Forager X10L - a special front loader version of the bale unroller that can be fitted to any front loader or telescopic, to make lifting, loading and feeding a one man one tractor operation.

This special loader model means that high stacked bales are no longer a problem - simply disengage the bale bed to reveal the spring tines.

Drive up to the bale and the Forager X10L lifts and loads it, all at the push of a lever. Pick up the loaded bale bed with the tines and you're all set and ready to feed.

Forager X10 Testimonial



"I bought my Forager X10 back in December 2011, and can honestly say it has saved me a huge amount of time and money. I feed roughly between 400-500 bales a year. Before I got the machine it used to take me around one and a half hours graping, and wasted some amount of my time and energy. Now it only takes me about 15-20 minutes to get the feeding done. Apart from the time it has left me with, I have saved so much financially. Silage prices are seriously high this year, and as it only feeds out the amount I want to feed, I'm not wasting anything! The Forager X10 is a strong, well built machine & does exactly what it's supposed to, if not more!"

- Sean Hannon, Athlone, Co. Roscommon

Cubicle Bedder

Bed cubicles in a fraction of the time with less dust while reducing costs.

The Blaney cubicle bedder will throw further than any other machine making it ideal for modern cubical units with storage at the cubicle head. Less bedding material usage with a more even spread for cleaner dry cubicles.

For any dairy farmer, cattle health is a priority. Cattle must be kept comfortable and clean to control bacteria and mastitis if their health and milk yield is to be kept productive to maximise profits.

The Cubicle Bedder spreads an even layer of bedding with the ability to handle sawdust, wood shavings, sand, chopped straw or lime.

The Blaney Cubicle Bedder can fit on any standard front or rear 3 point linkage, or can be custom built to suit your telehandler, loader or skid steer. It is designed with its own tilting action to self fill.

Manoeuvrability is not an issue with working widths from as little as 5ft. With the reversible drive on the discharge conveyor, both sides can be covered without having to turn your tractor.

The Cubicle Bedder will reduce your bedding material usage by as much as 50% compared to manual bedding, by evenly distributing the material exactly where you want it, thus saving money. It has been designed to reduce labour time with 300 cubicles being covered in an impressive 10 minutes. With cubicle bedding a daily task, the time savings by using this machine are massive.

Features

- ▶ *Rapid dispensing time - 300 cubicles can be covered in ONLY 10mins!!*
- ▶ *Massive throw which can put bedding beyond cubicle head if required for storage*
- ▶ *Even, precise and controlled dispensing method for less wastage*
 - *Increased hygiene for cattle with fresh bedding leading to lower cell counts and reduces incidence of infections being spread through the herd*
 - *Increased comfort for cattle, leading to less stress and higher milk yields for dairy cattle*
 - *Save up to 50% bedding material compared to manual spreading*
- ▶ *Reversible drive to spread both sides*
- ▶ *Variable speed hydraulic drive to control quantity and speed of spread of bedding*
- ▶ *Compact width for easy manoeuvrability in narrow passageways*
- ▶ *Self Loading - quick & easy with hydraulic tipping mount frame*
- ▶ *Reinforced edge for durability in loading from pile of bedding*
- ▶ *Low maintenance requirement due to fewer moving parts (i.e. no PTO shaft drives or chains)*
- ▶ *Suitable for use with 30hp+*

Options

- ▶ *Mounting system options for: tractor 3 point linkage, telescopic loaders, tractor loaders and skid-steer loaders*
- ▶ *Can be custom built to suit your bedding material: including saw dust, wood chip, sand, lime and chopped straw*
- ▶ *Hopper sizes: 1m³ to 1.8m³ capacity*
- ▶ *Sliding shutter plates to give further control when dispensing finer bedding*
- ▶ *Variable hopper discharge speed (independent of conveyor)*



Poultry Bedder

Unique assisted bedding particle projection, giving a more even distribution.

The Blaney Poultry Bedder has been designed in consultation with poultry farmers and processors for bedding applications suitable for use with shavings, sawdust or chopped straw to reduce fatalities of the chicks by spreading the bedding evenly, minimising the risk of isolation from heat, water and food.

The Poultry Bedder makes poultry house bedding a one person operation, to save time and money, to maximise farm profits. It is 6 times faster than a 3 person crew. With an impressive dispensing rate it spreads an even layer of bedding in a 180°+ arc. Alternative spreading methods tend to spread large bedding particles to the outer part of the spread pattern and make the very small particles airborne increasing dust and an uneven distribution of the bedding particle size.

The Poultry Bedder will reduce your bedding material usage by up to 50% compared to manual bedding.

Turkey specification models allow spreading of bedding with feeders down to greatly reduce time during this normally laborious job. It turns a 2 hour job into one less than 10 mins and with bedding turkeys every other day this makes the Blaney Poultry Bedder an asset that provides an excellent return on investment.



Features

- ▶ *Rapid dispensing time, 6 times faster than a 3 man crew*
- ▶ *Self-loading - quick & easy with hydraulic tipping mount frame*
- ▶ *Produces an even spread, in a 180° arc, with adjustable spread pattern*
Reduces fatalities of young fowl by reducing risk of isolation from heat, water & food with an even spread of bedding.
- ▶ *Effective agitator to prevent material bridging in the hopper*
- ▶ *Variable speed hydraulic drive to control quantity and speed of spread*

Options

- ▶ *Range of hopper sizes up to 2.4m³*
- ▶ *Custom built for use with bulk or baled shavings, sawdust, chopped straw or pellets*
- ▶ *Mounting system options for: tractor 3 point linkage or customer built mounting brackets to suit telescopic loaders, tractor loaders and skid-steer loaders.*
- ▶ *Custom built Models to suit Turkey houses when feeders are down during feeding*
- ▶ *Decompaction tool to break up baled shavings*



Sweeper / Rotary Brush

Blaney offer a range of custom built sweeper brushes for great results in industrial, farm and street cleaning activities.

The powerful brush bristles are designed with elasomer to enhance brush life and permit slight bending at the tip to dig out the dirt and dust giving an outstanding cleaning performance.

The sweepers come with a left/ right angle feature as standard.

Sweeper Brushes can be custom built for various machines and applications including:

- ▶ *Telehandler loader & Bucket sweepers*
- ▶ *Compact Tractors*
- ▶ *Front / Rear Mounted Hydraulic PTO drive*
- ▶ *Collector sweeper*

Minimum oil requirements starts at 25lpm otherwise PTO drive is an option.

Options

- ▶ *Blaney can custom build a sweeper brush to suit your requirements*
- ▶ *Widths from 1.2m (4ft) to 3m (10ft)*
- ▶ *Various brush diameters including big 660mm diameter Brush*
- ▶ *Dust suppression kits*
- ▶ *Muck Lifter (ideal for sites where lorries /agri machines leave large muck lumps)*
- ▶ *Rotary Side Brush*
- ▶ *Brush speed regulating valve*
- ▶ *Heavy duty contractor models*
- ▶ *PTO Drive*
- ▶ *Galvanised finish*



Splitfire Log Splitter

Blaney have developed the Splitfire range as a result of requests for a commercial grade, high capacity machine that could split logs up to 1m in length.

What are the advantages of long length splitting?

- ▶ Longer logs can be chopped allowing for faster processing and easier stacking during the drying stage.
- ▶ Logs can be split when they are still green, giving the opportunity for quicker drying.
- ▶ Leaving logs 700-1100mm long reduces the number of green timber cuts. These long dried lengths can then be cut to size quickly on a table saw. The wedge is a special 3 stage design to achieve a split on green/recently felled timber.

3 Stage Wedge

Stage1:

Sharp edge to reduce cutting force with the benefit of less travel to initiate fracture.

Stage2:

First taper penetrates the log forcing it apart preparing it for the second stage taper.

Stage3:

Secondary Taper angle opens the split faster reducing the stroke travel required.

Wedge offset design also means log rings up to 900mm can be accommodated.

NOTE: safety wear must be worn at all times while using log splitters

Features

- ▶ Long stroke ram for long log chopping. Saves time and the logs are more easily stored
- ▶ Heat treated hardened alloy steel 3 stage wedge for better wear resistance than cast or shaped plate
- ▶ Has a double taper for faster splitting as it doesn't have to reach bottom of log to completely split
- ▶ Automatic log lifter – for hassle free positioning of larger and heavier logs
- ▶ Safety burst protection on hydraulic hoses
- ▶ Cat 2.3 point linkage

Options

- ▶ Various tonnage, up to 13T
- ▶ Bag catch – once the billet is split it can go straight into a bag to keep the work area always clear and safe
- ▶ Bag holder option for both sides
- ▶ Transport Wheels – for easy manual transportation
- ▶ Log catch – handy if working with larger diameter logs requiring more than 1 cut
- ▶ Table – for raised working position for short logs for operator comfort and less muscle fatigue after long periods of use. No tools required to remove / attach



3.5 Ton Trailers

Blaney offer the first sub 3.5ton commercially developed trailers.

Blaney have used the knowledge and experience they have gained from the from the development of off-road trailers, to produce a range of commercial trailers that are more robust, easier towed and more adaptable than any other trailers on the market today.

The chassis structure has been optimised, to accommodate varying stresses across the sub-frame of the trailer. The reduced loading height of the actual trailer body benefits the loading process by decreasing the angle of inclination of the ramps. As a result less traction and forward speed is required to travel up the ramps, making the loading process easier and safer.

Furthermore, the sides of the trailer body have been designed to create a molecular type structure which increases the rigidity of the body, and reduces flex and body twisting, when carrying unevenly distributed loads.

This range is separated into 2 models, each with different loading capacities. The L20 model has a load capacity of 2000kg, while the L27 model can handle up to 2700kg.

Each model is available as flat platform and is available in the following sizes:

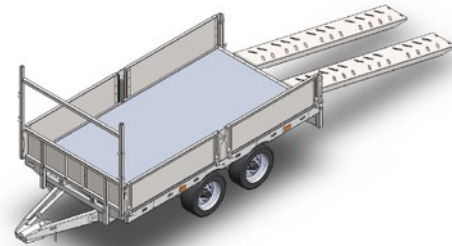
- ▶ 10' x 5 ½' (3.05m x 1.67m)
- ▶ 12' x 6' (3.66m x 1.83m)
- ▶ 14' x 6 ½' (4.27m x 1.98m)

Features

- ▶ *Molecular type structure which increases the rigidity of the body*
- ▶ *Commercial style flat face fittings on exposed sides of trailer eliminate the risk of damage when loading.*
- ▶ *Ultra low load height, improves balance when travelling at high speeds and decreased incline of the ramps makes for easier and safer loading*
- ▶ *Reinforced floor to provide extra strength to accommodate typical concentrated loads*
- ▶ *Full light kit for safe road travel*
- ▶ *Braked wheels for improved handling with heavy load*
- ▶ *Lockable hitch for improved security when not in use*
- ▶ *Twin reinforced solid alloy beam axles to distribute loads evenly between the wheels.*
- ▶ *Jockey wheel*

Options

- ▶ *A fully sealed aluminum tread plate floor, for longer life and increased safety*
- ▶ *Spare wheel and carrier, for emergencies*
- ▶ *Drop sides for ease of loading and unloading*
- ▶ *Mesh extensions, for loading of light bulky material*
- ▶ *Loading ramps*



Tipping Trailer

High Speed, multifunctional, commercial spec trailers.
Versatile on site or around the farm.

Custom Build

Blaney engineers can work with you to develop a trailer that is custom built to suit your requirements. The tipping trailer range is available from 15 to 22 ton capacity. Each tipping trailer is a precision tool designed for strength, agility, manoeuvrability and handling.

Blaney have used their engineering expertise and experience to take modern haulage to the next level by combining innovative on and off-road features to create an unrivalled range.

Specification	15/8	18/10	22/12
Capacity - tons	15	18	22
- M ³	8.03	10.0	12
Loading height (m)	1.85	2.4	2.5
Width (m)	2.1	2.2	2.2
Length (m)	4.5	5.0	5.5
Container height (m)	0.85	0.9	1.0

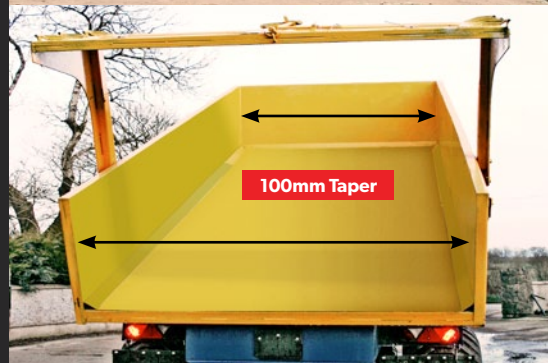
Features

- ▶ Hot pressed, high tensile steel floor and sides for durability and maximum strength, without excess weight.
- ▶ Tapered sides, to dispense load faster, making it suitable for silage use.
- ▶ Floor to side angle to stop material sticking for less cleaning time

- ▶ Flat top lip for easy fitting of optional extension sides
- ▶ Angled body bottom lip to maximise bottom body strength and prevent material spillage build up which can be hazardous during road use.
- ▶ No sloping scow to help self cleaning and reduce material sticking.
- ▶ Massive back door opening clearance
- ▶ 65° tipping angle to maintain higher dump pile and ensure body empties completely.
- ▶ Heavy-duty 3 stage hydraulic rams
- ▶ Hydraulics positioned using computer stress analysis to reduce stress on chassis, rams and body.
- ▶ Rear door rams protected on door side to protect against falling material or contact with digger.
- ▶ Commercial braking. 'S-cam' brakes with wide brake pad for effective and efficient braking, for extra safety when hauling heavy loads.
- ▶ Air/hydraulic brakes
- ▶ Parking brake



Commercial s-cam brakes



Other Features

- ▶ *Integrated sprung axle pivot bogie essential for rough terrain and to maintain higher road speed. Reduces stress on chassis and bushes.*



- ▶ *Adjustable sprung drawbar (hidden leaf spring) to reduce sharp bounce.*
- ▶ *Extra thick 40mm EN8 towing eye for longer wear and safety*
- ▶ *Rear reversing lights*
- ▶ *Protected lighting to reduce accidental damage*
- ▶ *Galvanised & retractable ladder*
- ▶ *Hoses fed through drawbar to reduce damage when turning tightly.*
- ▶ *High speed wide flotation wheels for on and off-road use.*

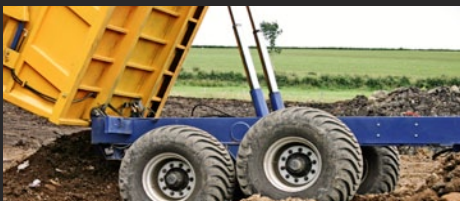


Options

- ▶ *15, 18 and 22 ton models*
- ▶ *2 part barn and hydraulic door for side or up and over opening. Ideal for discharging awkward loads.*



- ▶ *2 acting rams transfer weight to the rear axle;*
 - *to prevent the rear of the tractor lifting or jack knifing when tipping*
 - *for manoeuvrable reversing when empty*
 - *after tipping, rams lift the front axle for easy travel on soft ground*



- ▶ *Extension sides for silage or grain.*
- ▶ *Grain chute*
- ▶ *Free or self steering axle*
- ▶ *Skids for loading*
- ▶ *ABS axle sensor*
- ▶ *Chromed rams for use in sandy or dusty environment. Designed for 10000 tips, compared to 1500 tips for normal black rams.*
- ▶ *Choice of wheels available*
- ▶ *Heavy duty hardened alloy floor for construction use*



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