

THE 2018 CHAINLESS RANGE



1 HUSTLER[®]

Rethinking the Everyday

THE WORLD'S BEST BALE FEEDERS.

Hustler's latest X Series Chainless bale feeders handle every bale type, they're more reliable, now even easier to use, conserve feed making it more palatable for your cattle than other feeders, and because they're silent your cattle can feed more comfortably. It's no wonder they're the best in the world.



1960

1970

1980

HUSTLER'S HERITAGE >

From humble beginnings on a farm in Hawke's Bay, New Zealand in 1961, steady increase has led to the creation of a global company with exceptional foundations. Hustler builds uniquely engineered, world-class products which are formed from an innovative heritage of ingenuity and combined with a wealth of industry knowledge and experience.

Hustler Equipment was founded in Hawke's Bay

First sprayers built

First exports to Hawaii, Bermuda, Samoa, Fiji and Australia

INDUSTRY 1st
Patented self-steer sprayers introduced

INDUSTRY 1st

- Mast side-shift
- Patented high ground clearance
- Patented bin-tipper clamp

2 year warranty introduced

INDUSTRY 1st
Multi-lift™ non hydraulic forklift patented NZ and Australia

Front Runner™ front mounted mini lift introduced



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1990

2000

2010

2020 >

Load Floater™ suspension bin fork introduced

INDUSTRY 1st
Patented CHAINLESS 2000 bale feeder introduced

INDUSTRY 1st
Softarms™ developed for handling wrapped bales

INDUSTRY 1st
Equaliser introduced

INDUSTRY 1st
VMX™ forklifts launched

INDUSTRY 1st
Patented VS™ high visibility fork arm introduced

INDUSTRY 1st
Patented CHAINLESS 4000 self loading bale feeder introduced

INDUSTRY 1st
CHAINLESS 8000 multi-bale feeder

SL Range of chain type round bale-feeders introduced

SLX bale feeders launched

Large capacity linkage sprayers introduced

Duraboom, NZ's toughest introduced

INDUSTRY 1st
SL-450X folding extension trough feeder introduced

Robertsons Manufacturing Acquisition - Comby Range

SL360X bale feeder launched

X5000 Series re-developed Chainless bale feeders introduced

INDUSTRY 1st
Patented Snaplox™ auto connection system introduced

INDUSTRY 1st
Revolutionary Katipo sprayer range introduced

SL300X work horse round bale feeder released

Chainless X2000 & X2400 bale feeders released

The benefits of a Chainless bale feeder



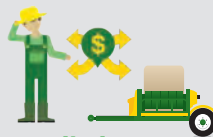
Safe, simple and easy to operate

The hydraulically driven low speed rotors tease out bales in less than two minutes. Proven farmer-friendly bale self-loading system allows one operator to simply load and feed bales from the comfort of the tractor seat.



Reduce hay waste

The bale feeder lays down a fluffed-up windrow which stock can easily eat, reducing wasted feed being trampled into the ground. Feed out as much or as little as you need and save the extra.



Versatile investment

Feeds out round or square bales of any size or type of bale - balage, hay, straw, corn fodder, alfalfa, lucerne, etc. The bale feeder works in most stocking environments - indoors, outdoors into bunks, troughs or other feedlot systems or open fields.



Reduce pasture damage

By allowing one bale to be fed to 50+ groups of any size livestock over a larger area eliminates the need for sacrificing paddocks where concentrated feeding damages pasture.



Low maintenance

Easy to maintain hydraulic drive system eliminates the need for a PTO and high speed flails with fewer moving parts and low running costs because the tractor can be run at low RPM.



Effective use of valuable manure

Because bales are fed out over a large area, cattle spread their own manure for you, which makes better use of this valuable fertilizer.



BUNK/TROUGH FEEDING BALAGE



FEEDING BALAGE IN OPEN FIELDS

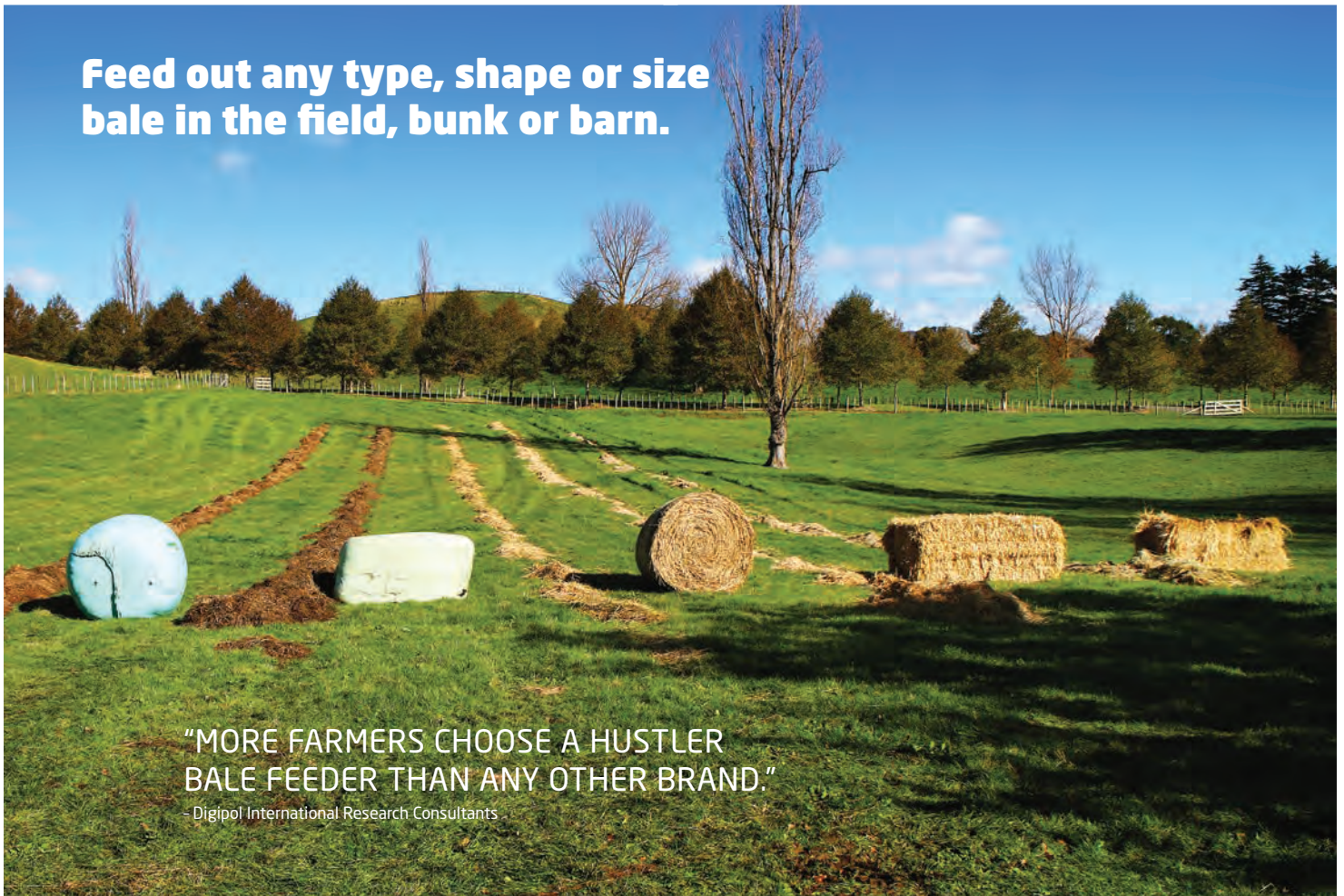


FEEDING DRY HAY IN SACRIFICE PADDOCKS



FEED SQUARE BALAGE OVER HOT WIRE

**Feed out any type, shape or size
bale in the field, bunk or barn.**



**"MORE FARMERS CHOOSE A HUSTLER
BALE FEEDER THAN ANY OTHER BRAND."**

- Digipol International Research Consultants

Why Chainless?

Hustler's patented Chainless bale-feeding technology has given farmers a giant step-up in the way they feed stock.

Here we answer two of the most common questions from farmers weighing up the advantages of Chainless bale feeders over other methods of feeding out.

For a more in-depth comparison, ask your dealer for a copy of the Hustler Bale feeder Comparison Guide.

Feed waste

A Chainless bale feeder minimises feed waste by feeding out into narrow windrows to make feed more accessible to animals and all but eliminate damage from hoof trampling, manure spoilage, and animals laying down on the feed.

It will handle partly used bales, so you only need to feed out what's needed on the day, and its ability to deal with sloppy or loose bales means there's no feed loss from the sides of the bale feeder.

In contrast to other systems that deliver feed in solid clumps, a Hustler Chainless feeder teases feed apart to make it easily chewable and more palatable, so more feed gets eaten.



Scan to calculate how much feed waste is costing you.

Choose your current feeding system type	Ring Feeder
How many bales do you feed per season?	520
Cost of your bales <small>(Average price \$14.62)</small>	75
Choose a Hustler feeding system type	Hustler Chainless
Your savings	
.15600 per year	
\$187200 over the balefeeder's 12-year lifespan	
Download our FREE bale-feeding guide	

Typical amount of feed wasted >

Feed wastage is affected by a range of factors, including application, type, shape, and condition of bales.

For feed saving advice specific to your application, ask your Hustler Field Consultant.

**CHAINLESS
BALEFEEDER**
6-11%



**CHAIN/ SLAT
BALE FEEDER**
9-17%



HAY UNROLLER
28-41%



RING FEEDER
34-62%



BALE SPLITTER
18-22%



**BALE PROCESSOR/
CHOPPER**
29-36%



TMR/ FEED MIXER
8-17%



To learn more about all of the issues with feeding out bales, and how each type of feed out equipment compares, request a copy of the 24 page comparison guide Or for advice, discuss your needs with your nearest Field Consultant.

Diesel consumption

The comparison figures shown are based on industry standard calculations for diesel consumption per horsepower per hour.

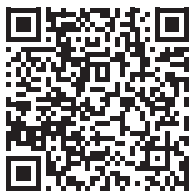
More efficient use of power, savings on machinery investment and faster bale feeding all add up to impressive fuel economy - made possible by the hydraulic drive system at the heart of every Hustler Chainless bale feeder.

Unlike most PTO driven bale-feeding systems that require 50 horsepower minimum to drive their chopping action, the low speed teasing action of the Hustler hydraulic system needs only 3-4 horsepower.

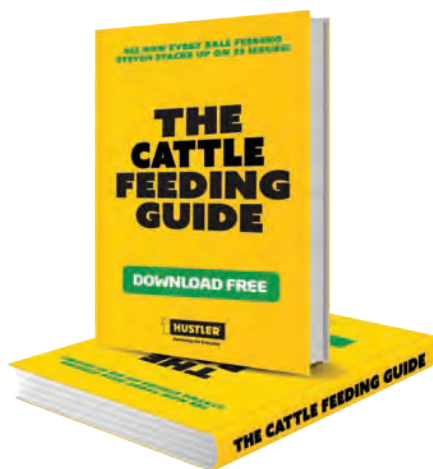
This makes a Chainless bale feeder compatible with smaller tractors, which leads to further savings in fuel consumption and equipment purchase costs.

With a feed-out time of just 2-4 minutes per bale, compared with other feeders that can take up to 45 minutes, a Chainless bale feeder has the lowest diesel consumption per bale of any mechanical feeder.

Hustler bale feeder hydraulics requirements: 2 X double-acting, 30-60 litres/min, 2250-3000 psi.



To learn more about which cattle feeding system you should choose - **Get your FREE Cattle Feeding Guide.** Over 30,000 research into comparing every bale feeding system on the 23 most common challenges livestock farmers face when feeding cattle.



Typical Diesel Consumption >

(Average per bale)

Diesel consumption is affected by a range of factors, including distance travelled, type and shape of bales.

For fuel saving advice specific to your application, ask your Hustler Field Consultant.

CHAINLESS BALEFEEDER

0.048 L



CHAIN/ SLAT BALE FEEDER

0.068 L



HAY UNROLLER

0.194 L



RING FEEDER

0.01 L

(To distribute and load bales)



BALE SPLITTER

0.155 L



BALE PROCESSOR/ CHOPPER

1.259 L



TMR/ FEED MIXER

11.625 L



Diesel Consumption is unchanged by the number of bales being mixed/fed. E.g. When feeding 3 bales in one mix, fuel consumption reduces to 3.875 L per bale.

*Calculated from industry standard calculations for diesel consumption per horsepower produced per hour, based on HP required for each type of equipment and time of distribution for each type of equipment. Some tractors maybe more or less efficient at producing horsepower than the industry standard and therefore use more or less diesel to feed out a bale.

Why Hustler bale feeders are the world's best.

OPTIONAL TROUGH EXTENSION

The optional adjustable angle trough extension allows the X5000 to feed into bunks or troughs.

HYPAFLO WIPER PANEL

The newly designed Hypaflo wiper panel cleans the top rotor from a wider range bale types, clearing even the longest hay. And the new easy clean quick release latch makes cleaning quick and easy should you need to clean it.

3:1 FEED TEASERS

Top rotor spins at three times the speed of the bottom rotor, teasing and separating the feed rather than simply unrolling it. This makes the feed much easier for stock to eat which results in less wasted feed, especially in wet or muddy conditions.

SELF CLEANING

Rotors are timed together to self-clean and carry the feed up over the edge.

NO FEED CHAINS

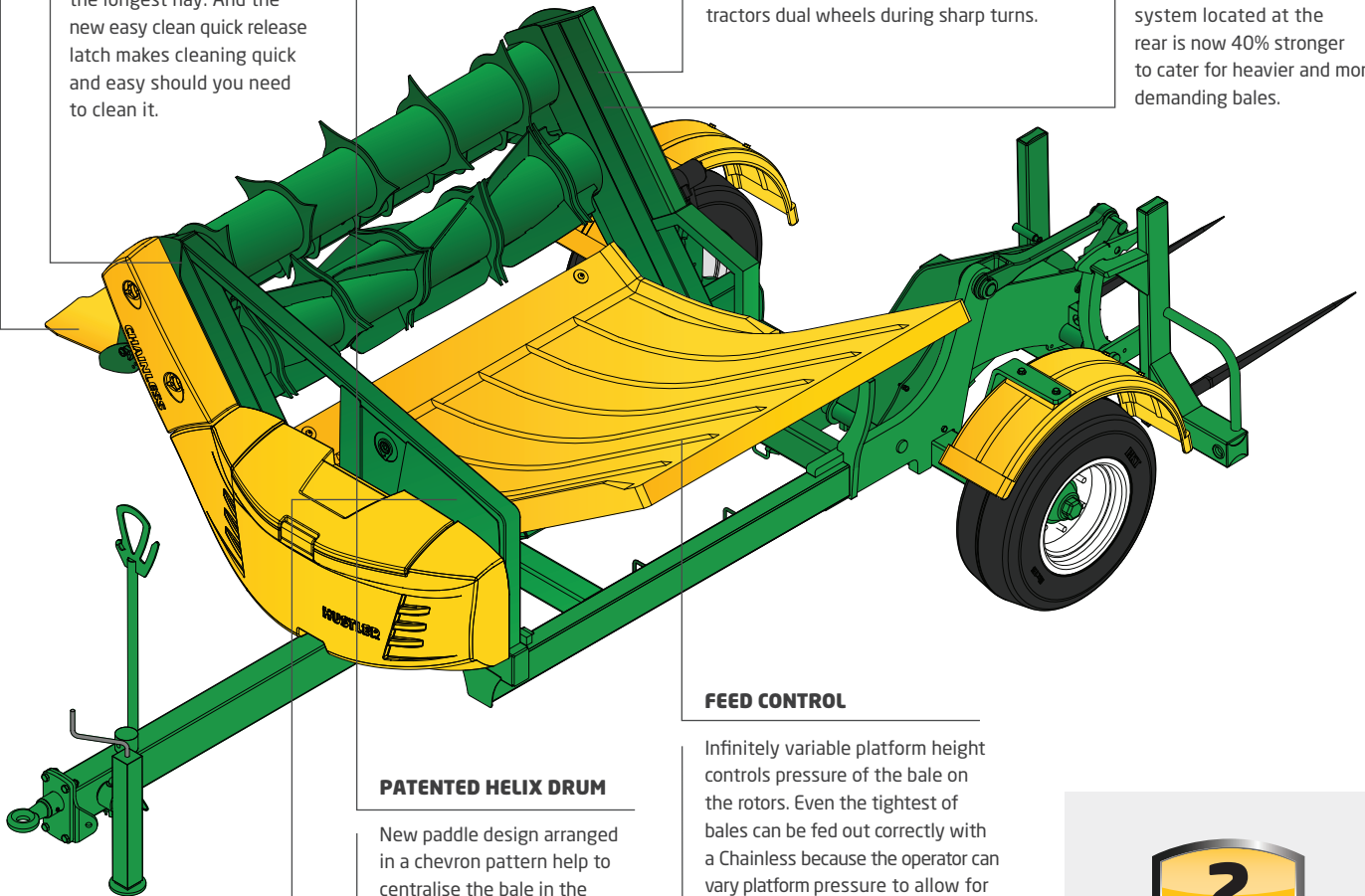
Chains are the most troublesome part of conventional feeders. No chains means no trouble and very low maintenance. Now that the entire drive system is located at the rear under one protective cover for quicker greasing, it's out of the way of the tractor's dual wheels during sharp turns.

VARIABLE FEED

Infinitely variable rotor speed via the tractor's hydraulics adjusts the rate of feed. Choose thick for cows or thin for sheep by adjusting rotor speed accordingly.

DRIVE TRANSMISSION

The protected drive system located at the rear is now 40% stronger to cater for heavier and more demanding bales.



FEED-GUIDE

Built-in platform height guide provides an indication of platform height for either squares or rounds. Operators lift the platform height to the relevant indicator, then turn the rotors slowly to start feeding. The platform height can be fine-tuned depending on the density or size of the bale.

PATENTED HELIX DRUM

New paddle design arranged in a chevron pattern help to centralise the bale in the chamber and provide more grip on sloppy, wet or rotor cut bales.

DEEPER CHAMBER

The deeper chamber allows the rotors to grip soft, wet or rotor cut bales better and reduces the need for continuous adjustment of platform.

FEED CONTROL

Infinitely variable platform height controls pressure of the bale on the rotors. Even the tightest of bales can be fed out correctly with a Chainless because the operator can vary platform pressure to allow for bale density.

POLYETHYLENE PLATFORM

Slippery, ribbed design keeps bales tracking straight and reduces drag by 30% compared to steel which allows the X5000 to feed out more bale types. Polyethylene is impervious to UV and won't corrode.



Like all Hustler products, the X5000 is backed by our full Two Year Warranty. For an extra two years peace of mind, ask about the Hustler Gold Plus Extended Warranty at time of purchase.

ONLY FEEDING ROUNDS? GOT HIGH DENSITY BALES?

You're time is too precious to be waiting while tight bales go round and around in conventional bale unrollers trying to tease them apart. Not to mention the frustration! Chainless are the only bale feeders that will feed tight, high density bales, even frozen bales efficiently.

INSIDE THE CHAINLESS SYSTEM

Chains have traditionally been the weak point of balefeeders, requiring a lot of maintenance and usually being the first thing to break. So we eliminated them. Fifteen years later the Chainless system has been proven by thousands of hours of breakdown-free operation.

1 CLEAT DESIGN

Provides a more positive grip on the bale when feeding out fine or sloppy bales.

2 STRONGER DRIVE SYSTEM

We've increased the key size to provide a more positive and heavy-duty drive train capable of heavier and sloppier bales.

3 FREE-FLOW WIPER PANEL

With wider adjustment range and less fine-tuning required, you can easily customise feed to your preference.

4 SLIPPERY POLYETHYLENE RIBBED FLOOR

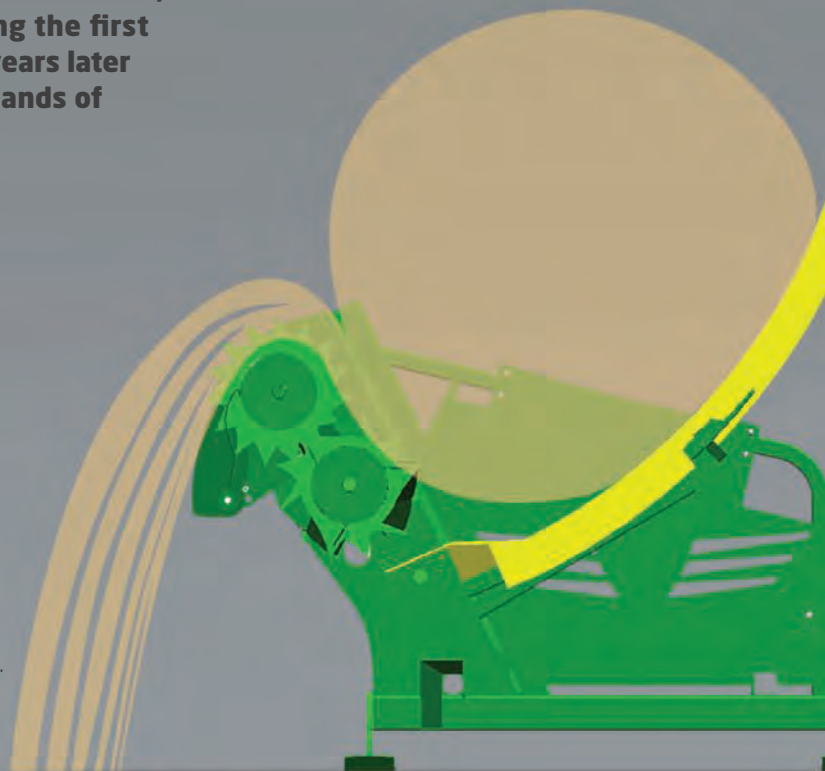
Slippery, ribbed design keeps bales tracking straight and reduces drag by 30% compared to steel.

5 INFINITELY VARIABLE FEED PATTERN

Only rotor speed needs adjusting to vary the amount of feed being fed out. The fully adjustable platform height allows you to vary the bale pressure, so no matter how tight or loose your bale, the Chainless can still feed it out.

6 QUIET OPERATION

Exceptionally quiet operation means your stock are more relaxed at feeding time.



Teased. Not chopped.

When stems are attached to the leaves, the cattle can consume a balanced diet with roughage, reducing health problems and "slowing down the good stuff". This also reduces the amount of nutrition that falls into the ground and is wasted or blown away in the wind. And your cattle won't be licking the nutrition off the ground in the snow.



Very little nutrition retained with the conventional PTO powered flail type bale processor

High nutritional value retained in the leaf with Hustler's gentle hydraulic low speed rotor system





PATENTED SNAPLOX AUTO CONNECTION SYSTEM

The clever Snaplox auto connect/disconnect hands-free system saves you time, saves you having to tug on a rope to disconnect, and saves you from twisting your back. It's fail-safe, fast and operates naturally. Unequal length bale spears make connecting the headstock to the feeding cradle quick and easy.

PATENTED TOTAL CONTROL LOADING SYSTEM

Total control over bale loading is what you get, thanks to a single hydraulic cylinder, and simple patented mechanical engineering, resulting in safer and more reliable operation compared to imitation dual cylinder systems that require troublesome sequence valves that require frequent adjustment.



THE TOTAL CONTROL LOADING ADVANTAGE:

- Easy bale pickup means no digging up of paddocks or dirt mixing with feed
- Gentle and accurate placement of the bale in the bale chamber
- Easy to line up the bale
- Minimal feed wastage because the net wrap can be removed above the bale chamber
- Bale is secure during transport, even on steep inclines
- Handles round and square bales
- Second bale can be positioned low to the ground for added ballast.