

Bale Chopper/Feeders
852-853-856



Bedding and Feeding - Flexibility to Reduce Your Costs



**Flexibility to Reduce your
Bedding, Feed & Labour Costs**

The Kverneland Taarup range of bale choppers has been designed to offer the flexibility needed to reduce your bedding, feed and labour costs. The Kverneland

Taarup 852 is the straw specialist for bedding purposes, the Kverneland Taarup 853 & 856 offer a flexible solution for bedding and feeding when working with baled straw, hay or silage and clamp silage

With capacity of 2, 3 and 6m³, and the option of mounted and trailed versions there is a model to suit all requirement. And with two options of discharge chute the Kverneland Taarup 850 series offers all the flexibility needed.

A World of Opportunities!



Features of the Kverneland Taarup 850 Series Include:

- Unique drum-knife configuration (models 853 & 856) to handle a wide variety of materials.
- Flywheel specifically designed for controlled material discharge and excellent clean-out.
- 2-speed gearbox on Kverneland Taarup 853 & 856 for reduced flywheel speed when discharging feed materials.
- Flexible discharge options to suit bedding or feeding applications. New swivelling chute suitable for both feeding and bedding purposes.
- Bedding of straw up to 18 metres.
- Simple self-loading of multiple bales.
- Easy loading of up to two round bales in one go.



The Working Heart

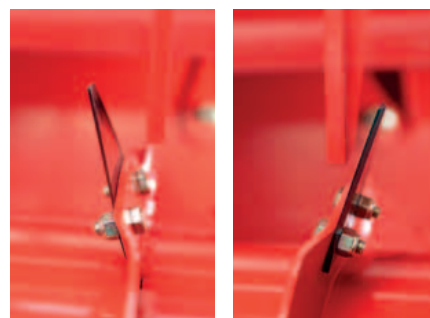


Unique Drum Design to Handle a Wide Variety of Materials

The Kverneland Taarup 850 range includes a new unique drum – knife configuration. Standard on models 853 & 856, the knives are mounted on angled rings so that they pass a fixed ‘comb’ on alternative sides.

This ensures that materials are cut and fed into the flywheel chamber evenly, reducing the risk of blockage, offering even discharge & leaving the drum and comb clean.

The drum is fitted with 14 blades as standard, but will accept a further 28 blades according to material type – simply bolt them on in a matter of minutes.



A patented system - the knives pass the fixed comb on alternative sides for a more even cut.



Flywheel for Maximum Clean-Out

The 1.55 m diameter flywheel of the Kverneland Taarup 850 series is fitted with 6 blowing paddles, providing a powerful blow for the most efficient distribution of the material and an excellent cleaning of the flywheel housing.

The flywheel does not chop the straw, thus ensuring virtually full length material suitable for bedding of covered yard areas.

In combination with the 2-speed gearbox (standard on models 853 & 856) the flywheel can throw straw up to 18 metres (on high speed) or gently feed hay/silage at the side of the machine (at low speed). With the 280° swivel chute discharge straw can be blown up to 15 metres.

Floor Conveyor

The floor conveyor of the Kverneland Taarup 850 range consists of a hydraulically driven chain and slat floor conveyor with variable speed and reversing facility.

The relationship between floor conveyor and shredding drums is carefully designed to ensure smooth material flow. The floor conveyor runs on two wear strips made of special 'Ultraglide' plastic material to reduce friction and increase chain life.

Slat spacing has been specially determined to ensure consistent and even feed to the shredding drums. The strong conveyor slats are designed for quick and easy individual replacement. A rotating marker allows the operator to see the speed and direction of the floor conveyor from the tractor seat. The conveyor has an enclosed lower tray to ensure no spillage or crop loss.



Make Your Straw Go Further



The special design of the tail gate offers the possibility to carry on extra round bale.



The drum and comb configuration specially designed for working with straw.

The Drum and Flywheel

The working heart of the 852 is the combination of drum, comb & flywheel – all specifically designed to shred straw bales in all formats. The drum is fitted with spirals of blades and small 'gripper' teeth, which take the straw from the bale and feed it evenly into the flywheel chamber.

The flywheel can discharge the straw via the 280° swivelling chute at distances up to 15 metres - even feed of the straw onto the flywheel reduces blockage risk and maintains tractor power needed at a minimum level.

The Bedding Specialist

The Kverneland Taarup 852 mounted bale chopper is specially designed for working with straw for bedding purposes. The 2 m³ chamber offers fast and easy loading of bales and the rear door offers the possibility to carry an extra bale for improved efficiency. The Kverneland Taarup 852 is fitted standard with a swivelling chute for accurate direct bedding.

The Advantages:

- 2m³ chamber.
- Mounted version developed for working with straw for bedding purposes
- Able to carry up to two round bales in one go.
- Standard fitted with swivelling chute for accurate bedding.
- Able to discharge the straw at a distance of up to 15m.



Accurate and Even Bedding

The Kverneland Taarup 852 is fitted as standard with a the new swivel chute that offers a 280° rotation of the chute. It allows the operator to accurately direct bedding materials into otherwise inaccessible areas of the building.

The new chute is positioned right above the flywheel where the blow is strongest. This give a more efficient distribution of the material and reduces the risk of blockages.

The end flap of the swivel chute operates via an electric actuator whilst the 280° rotation of the chute is hydraulically operated.

The Kverneland Taarup 852 can discharge the straw at a distance of up to 15m.



Robust Transmission for Long-Life

Heavy duty gearbox, belt drive to drum, hydraulic motor drive for floor conveyor - all features focussed on ease of operation, simple maintenance and reduced down-time of the Kverneland Taarup 852.

Self-Loading of Bales

Convenient and simple self loading of bales. The hydraulically operated rear door fitted to the Kverneland Taarup 852 provides a self loading facility for easy loading of square or round bales.



Convenient and simple self loading of bales.



V-belt drive - low maintenance and quiet drive of the drum.

The Versatile Chutes for Bedding and Feeding



Two speed gearbox for bedding or feeding configurations

To provide the correct flywheel speed for bedding and feeding the Kverneland Taarup 853 and 856 are fitted with a two speed gearbox. At lower speeds the flywheel ensures a metered flow of silage or hay for feeding. At high speed a powerful blow for the most efficient distribution during bedding is ensured. The gearbox speed is adjusted via the handle on the side of the machine.



The Swivelling Chute



The Kverneland 853 and 856 can be fitted with the new swivelling chute that is suitable for both bedding and feeding purposes. The new chute is positioned right above the flywheel where the blow is strongest. This gives a more efficient distribution of the material and reduces the risk of blockages.

The swivelling chute allows the operator to accurately direct bedding materials into otherwise inaccessible areas of the building. The end flap of the swivel chute operates via an electric actuator whilst the 280° rotation of the chute is hydraulically operated.

For feeding of hay and silage the material is feed into the feed chute that direct the material onto the floor.

The Standard Chute



The standard chute is suitable for both bedding and feeding purposes.

Without excessive blow the feed can be positioned over barriers, into troughs or onto the floor. The height of the discharge chute is controlled hydraulically, offering simple adjustment from bedding to feeding positions. The lower chute tray and discharge flap are self-adjusting to ensure unrestricted flow according to material type being used.

For bedding purposes the chute is moved up and down through the control terminal. The standard chute is able to blow straw up to 18m.

The Flexible Solution!



Convenient Self Loading of Bales

The hydraulically operated rear door fitted to Kverneland Taarup 853 series provides a self loading facility for easy loading of square and round bales.

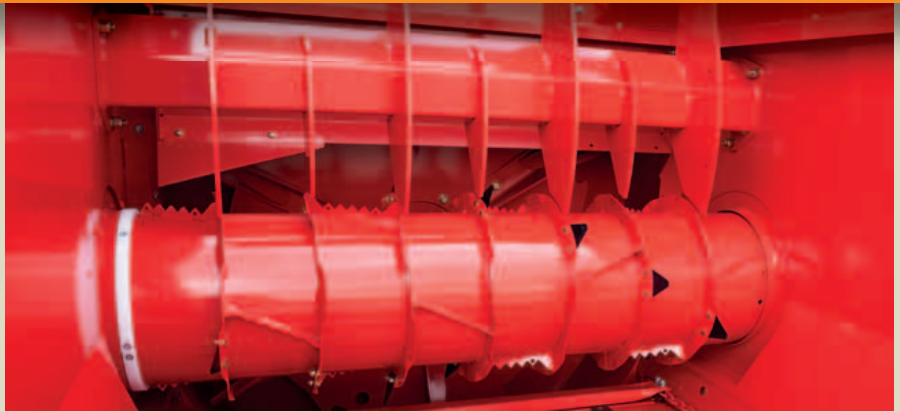
The rear door also offers the ability to carry a second round bale for increased capacity. Total lift capacity of the rear door is 1200 kgs.

A bale kit can be fitted to the end of the tailgate to ensure that the bales stay in position during operation.



The Advantages:

- 3m³ chamber.
- Trailed version developed for both feeding and bedding purposes.
- Unique drum-knife configuration to handle a wide variety of materials.
- Two speed gear box for reduced flywheel speed when discharging feed materials.
- Able to carry up to two round bales in one go.
- Available with the standard or swivelling chute.
- Bedding of straw up to 18 metres.



The Drum for a Wide Variety of Material

The Kverneland Taarup 853 is fitted with a single large diameter drum specifically designed to cope with most material types without wrapping or blockage.

The unique design of drum features angled knives which pass the fixed 'comb' sections on alternate sides. This ensures an even feed of material onto the flywheel and significantly reduces the risk of blockage.



V-belt drive – low maintenance and quiet drive of the drum.



The Multi Purpose Machine for Bedding and Feeding

The Kverneland Taarup 853 is specifically designed to chop and distribute straw, hay and silage. It provides a flexible and efficient solution for bedding and feeding when working with baled straw, hay or silage and clamp silage. Solid construction ensures reliable performance and long machine life.

The 3 m³ bale chamber is capable of transporting the largest square bales or 2 round bales. The two speed gear box makes it easy to set the machine for either bedding or feeding purposes. The standard control terminal allows you to easily control the chutes and speed of the chain-and-slat conveyor during work.

Take Full Advantage of the Capacity!



Loading of square bales or multiple round bales is easily achieved, due to the huge 6 m³ loading capacity of the Kverneland Taarup 856.



Fast and Efficient Loading

The tailgate of the Kverneland Taarup 856 offers the possibility to easily self-load both round and square bales. The size of the bale chamber makes it very easy to load the material with a loader - and two square or round bales can be loaded at the same time - saving time.

Chop, Spread & Feed

The Kverneland Taarup 856 is a high volume machine with a large capacity body to fully utilise the massive 6 m³ - strong open design for easy loading and enough capacity for the largest square bales or up to 3 round bales.

The machine features a heavy duty transmission with two speed gearbox for bedding and feeding. The floor conveyor drive is also heavy duty to cope with the high material volumes.

The Advantages:

- 6m³ chamber.
 - Trailed version developed for both feeding and bedding purposes.
 - Unique drum-knife configuration to handle a wide variety of materials.
 - Two speed gear box for reduced flywheel speed when discharging feed materials.
- Able to carry up to three round bales in one go.
 - Available with the standard or swivelling chute.
 - Bedding of straw up to 18 metres.



3 Bales in One or 6 m³ Clamp Silage!

The Kverneland Taarup 856 with its 6m³ chamber size has a high capacity and can carry a high volume of material.

The machine is capable of carrying 3 round or square bales (depending on size) or up to 6 m³ of loose silage in one go. This can help to limit the number of loading sequences per day.

The size of the chamber allows for two round bales to be loaded in one go.



The Combination that Handles Materials in Volume

The two drums of the Kverneland Taarup 856 feature the unique design of angled knives passing the 'comb' on alternate sides - even feed to the flywheel, reduced blockage and clean at the end. The two drum design, each drum fitted with spirals of angled knives, ensures that high volumes of material are fed smoothly onto the flywheel without the need for bale rotation or conveyor reversing.

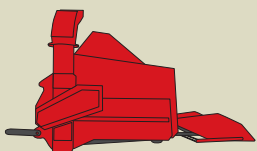
Everything Under Control

Control Terminal

The control terminal is an easy to learn terminal with focus on functionality and simplicity. The control terminal gives you full control of all functions from the tractor cab.

The following functions are operated with the control box:

- Speed of the slat-and-chain conveyor.
- Driving direction for the slat-and-chain conveyor.
- Opening and closing of the tailgate, when instance when loading a bale with the tailgate.
- Steering of the chutes for feeding and bedding. For instance for direct and precise bedding with the swivelling chute.

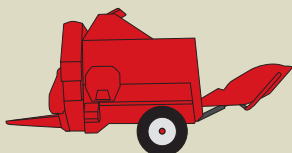


Kverneland Taarup 852

Capacity: 2m³

1 round bale up to 1.60m diameter

1 square bale up to max. 1.20x1.20x2.50m



Kverneland Taarup 853

Capacity: 3m³

2 round bales up to 1.50m diameter

1 square bale of up to max. 1.20x1.20x2.70m



Kverneland Taarup 856

Capacity: 6m³

3 round bales up to 1.50m diameter.

1 square bale of up to max. 1.20x1.20x2.70m

Technical Specifications

Model	852	853	856
Cubic Volume (m ³)	2.0	3.0	6.0
Load Capacity (kgs)	800	1700	3000
Unladen Weight (kgs)	1300	1750	2250
Overall Length - Door Closed (m)	2.70	3.80	4.95
Overall Height - Standard Chute (m)	-	2.31	2.34
Overall Height - Swivel Chute (m)	2.60	2.70	2.70
Overall Width - Machine (m)	1.85	1.85	1.85
Overall Width - Over Tyres (m)	-	2.04	2.10
Overall Width - Chute Closed (m)	1.85	2.04	2.10
Overall Width - Chute Open (m)	2.36	2.65	2.65
Bale Chamber Internal Width (m)	1.60	1.60	1.60
Bale Chamber Internal Height (m)	1.00	1.10	1.30
Maximum Bale Width (m)	1.35	1.35	1.35
Maximum Round Bale Diameter (m)	1.80	2.10	2.10
Maximum Square Bale Size (m)	1.20x1.20x2.50	1.20x1.20x2.70	1.20x1.20x2.70
Discharge Height Max - Standard Chute (m)	-	2.25	2.25
Discharge Height Max - Swivel Chute (m)	2.75	2.75	2.75
Blowing Distance (straw*) (m)	15	18	18
Mounting Method	Mounted	Trailed	Trailed
Power Requirement at PTO (kW/HP)	40/55**	48/65	56/75
PTO Input Speed (rpm)	540		
Safety Protection	PTO Friction Clutch & Over-run		
Tractor Hydraulic Requirement	1 x Flow & Return		
Tractor Flow Requirement	40 litres/min @ 180 bar		
Number of Knives on Drum	14 x Standard - 28 extra optional		
Wheel Equipment	-	10x15,3x10ply	11,5x15,3x14ply
Gearbox Specification	Single Speed	2 Speed	2 Speed
* Dependant on Straw Type.			
** PTO requirement only. Tractor must be large enough to lift loaded mounted machine safely.			

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Kverneland Group

Kverneland Group is a leading international company developing, producing and distributing agricultural machinery and services.

Strong focus on innovation allows us to provide a unique and broad product range with high quality. Kverneland Group offers an extensive package of systems and solutions to the professional farming community. The offering covers soil preparation, seeding, forage- and bale equipment, spreading and spraying.

Original Spare Parts

Kverneland Group spare parts are designed to give reliable, safe and optimal machinery performance - whilst ensuring a low cost life-cycle. High quality standards are achieved by using innovative production methods and patented processes in all our production sites.

Kverneland Group has a very professional network of partners to support you with service, technical knowledge and genuine parts. To assist our partners, we provide high quality spare parts and an efficient spare parts distribution worldwide.

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