



For Earth, For Life
Kubota

BC

KUBOTA BALE CHOPPERS
**BC1200/BC1300/BC1600/
BC1300 PRO/BC1600 PRO**

Bale choppers/feeders with loading capacity ranging from 2.0-6.0m³



WHATEVER YOU NEED

HIGH END STANDARDS

Features of the Kubota BC1200-BC1300-BC1600 include:

- Unique drum-knife configuration (models BC1300 and BC1600) to handle a wide variety of materials.
- Flywheel specifically designed for controlled material discharge and excellent clean-out.
- 2-speed gearbox on the Kubota BC1300 and BC1600 (option on BC1200) for reduced flywheel speed when discharging feed materials.
- Swivel or side chute suitable for both feeding and bedding purposes.
- Large flywheel for high blowing performance.
- Hydraulically foldable tailgate for self-loading of multiple bales.
- Comfortable operation via Bowden cable or electric switches with joystick function.
- UltraGlide wearing parts for extended longevity and outstanding wear resistance.

THE PRO CHOICE

For professional use 'Go PRO' with the extended Kubota BC1300 PRO and BC1600 PRO that adds the following features:

- New flywheel configuration for increased material intake and blowing distance up to 23m depending on the material and barn-specific conditions.
- New 3-stage swivel PRO chute for higher accuracy.
- Drum Feed Control System (DFCS) of BC1300 PRO for blockage-free dosing.
- Remote control for floor conveyor and tailgate.
- Further options to adapt to individual needs.

D - WE'VE GOT IT



THE ROBUST CORE



Unique Drum Design to Handle a Wide Variety of Materials

The Kubota BC range includes a unique drum – knife configuration. Standard on models BC1300 and BC1600, the knives are mounted on angled rings so they pass a fixed ‘comb’ on alternative sides.

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

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

Floor Conveyor

The floor conveyor of the Kubota BC range consists of a hydraulically driven chain and slat floor conveyor with variable speed and reversing facility. The ratio 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 specifically determined to ensure consistent and even feed towards 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.

FLYWHEEL FOR MAXIMUM PERFORMANCE



The 1.55m diameter flywheel of the Kubota BC 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 ensures virtual full length material suitable for bedding of covered yard areas.

In combination with the 2-speed gearbox (standard on models BC1300 and BC1600), the flywheel can blow straw up to 20m, depending on bedding material and barn-specific conditions.



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



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



Heavy-duty, wear resistant rollers (PA6) ensure extended longevity and reliable drive of the conveyor.



UltraGlide strips reduce wear to a minimum. (Standard on BC1300 and BC1600)

SWIVEL OR SIDE CHUTE

KUBOTA BC1200-BC1300-BC1600

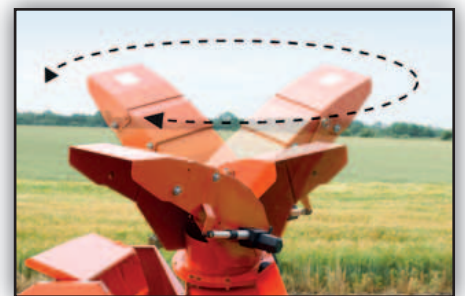


2-Speed Gearbox for Bedding or Feeding Configurations

To provide the correct flywheel speed for bedding and feeding the Kubota BC1300 and BC1600 are fitted with a 2-speed gearbox as standard (option on BC1200). At lower speed 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.



Easy shifting from bedding to feeding on the 2-speed gearbox.



The swivel chute offers a 260° rotation of the chute.

THE SWIVEL CHUTE

Kubota BC1200, BC1300 and BC1600 can be fitted with a swivel chute that is suitable for both bedding and feeding purposes. The inclined chute is positioned right above the flywheel where the blow is strongest.

The swivel chute allows the operator to accurately direct bedding material into otherwise inaccessible areas of the barn. The electric actuator controlled end flap of the swivel chute ensures precise adjustment of long distance blowing, whilst the hydraulically operated 260° rotation is quick and robust. For feeding of hay and silage the material is fed via the feed slide directly onto the floor.



THE SIDE CHUTE



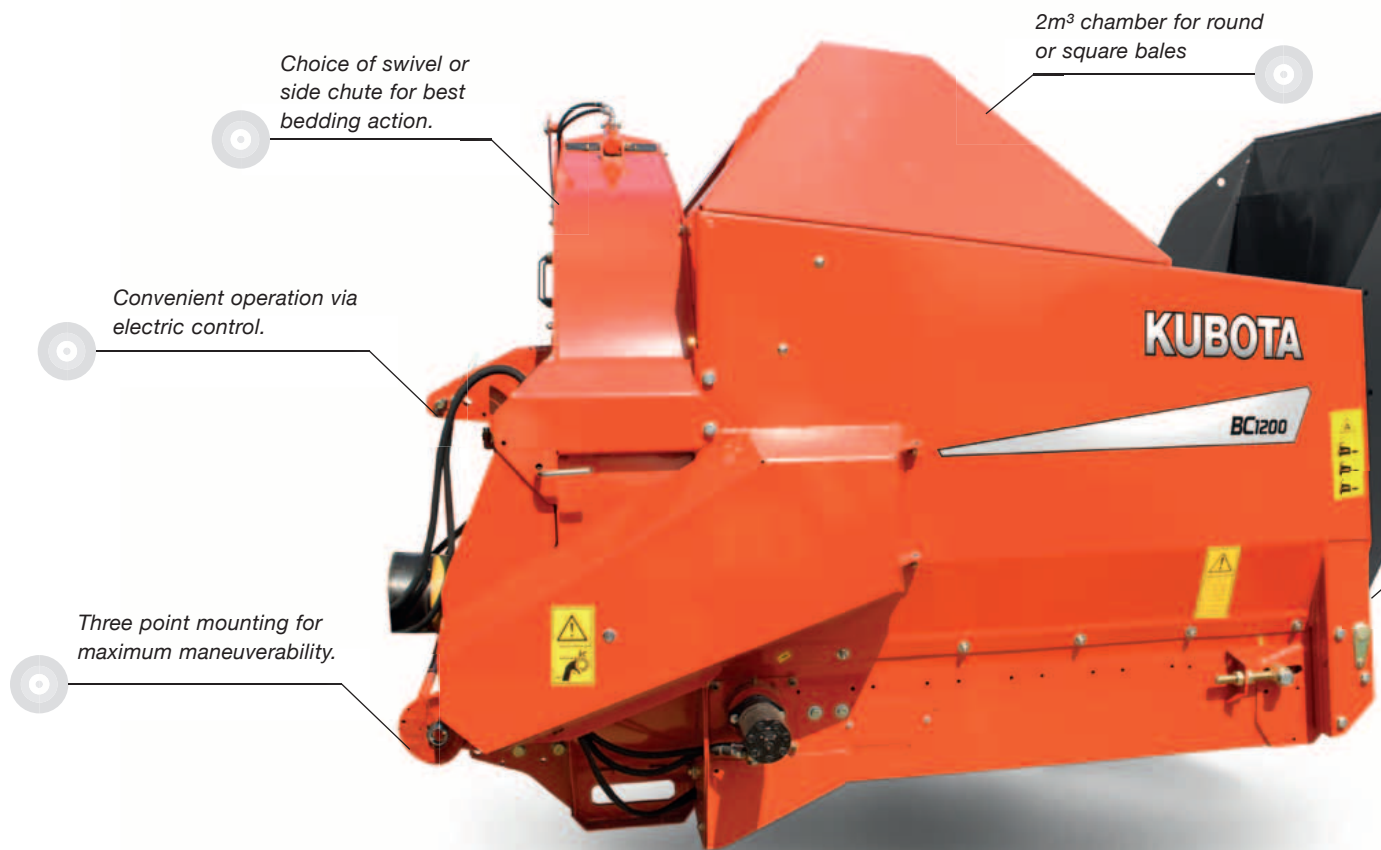
The side chute is suitable for both bedding and feeding purposes.

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 using the control terminal. Following perfect rotation design, the side chute ensures even higher blowing distance on standard barn conditions.

MACHINE WITH EFFICIENT

KUBOTA BC1200



Choice of swivel or side chute for best bedding action.

2m³ chamber for round or square bales

Convenient operation via electric control.

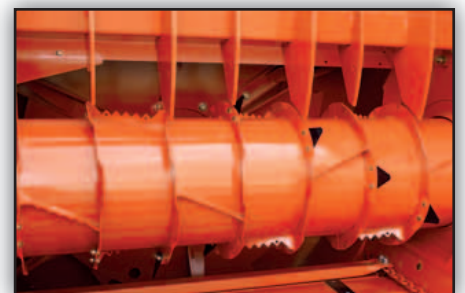
Three point mounting for maximum maneuverability.

The Drum and Flywheel

The working heart of the Kubota BC1200 is the combination of drum, comb and flywheel – all specifically designed to shred straw bales of various formats. The drum is fitted with spirals of knives and small ‘gripper’ teeth, which take the straw from the bale and feed it evenly into the flywheel chamber.

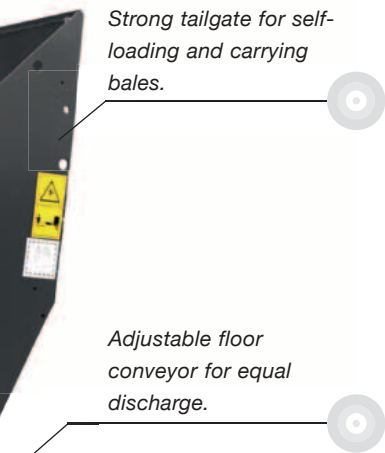


The drum-comb combination is designed for shredding straw bales in various formats.



For multi-purpose of bedding and feeding, a silage kit with stronger drum and extended comb is available.

ENT CHARACTERISTICS



Strong tailgate for self-loading and carrying bales.

Adjustable floor conveyor for equal discharge.

ACCURATE AND EVEN BEDDING

The Kubota BC1200 connected to a tractor allows quick pick up of bales and provides enormous maneuverability even on difficult farm places and barn passages.

The economic concept can be upgraded with various options to suit all farm demands.

- electric control
- bale retainer
- 2-speed gearbox
- UltraGlide wearing stripes
- additional knives at metering drum
- silage kit for feeding purposes



The Bedding Specialist

The Kubota BC1200 mounted bale chopper is specially designed for working with straw for bedding purposes. The 2m³ chamber offers fast and easy loading of bales and the tailgate offers the possibility to carry an extra bale for improved efficiency.

Self-Loading of Bales

The hydraulically operated tailgate fitted to Kubota BC1200 provides a self-loading facility for easy loading of square or round bales.



The special design of the tailgate and optional bale retainer offers the possibility to carry an extra round bale.



Convenient and simple self-loading of bales.

THE ALL-IN-ONE SOL

KUBOTA BC1300



OLUTION

THE MULTI PURPOSE MACHINE FOR BEDDING AND FEEDING

The Kubota BC1300 is specifically designed to distribute straw, hay and silage. It is a flexible and efficient solution for bedding and feeding when working with baled straw, hay or clamp silage. The solid construction ensures reliable performance and extended machine longevity. The 3m³ bale chamber is capable of

transporting the largest square bales or 2 round bales. The 2-speed gearbox (standard) makes it easy to set the machine for either bedding or feeding purposes. The standard control box allows you to easily control the chutes and speed of the chain-and-slat conveyor during work.

Bedding of straw up to 20m.

2-speed gearbox for reduced flywheel speed when discharging feed materials.

Unique drum-knife configuration to handle a wide variety of materials.

The Kubota BC1300 is the perfect combination of capacity and flexibility, carrying up to two bales with smaller tractors. The standard configuration is ready for both bedding and feeding purposes.



Convenient Self-Loading of Bales

The hydraulically controlled tailgate fitted to Kubota BC1300 offers easy self-loading of round and square bales. The tailgate also offers the ability to carry on a second round bale for increased capacity. Total lift capacity of the rear door is 1200kgs.

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

DESIGNED FOR LARGE

KUBOTA BC1600



Fast and Efficient Loading

The tailgate of the Kubota BC1600 offers the possibility to easily self-load both round and multiple square bales. The size of the bale chamber makes it very easy to load the material with a loader. Three square bales or round bales can be loaded at the same time, which substantially limits loading time.

Chop, Spread and Feed

The Kubota BC1600 is a high volume

machine with a large capacity chassis to fully utilise the massive 6m³ – 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 2-speed gearbox for bedding and feeding. The floor conveyor drive is also heavy duty to cope with the high material volumes. For perfect discharge BC1600 is available with side or swivel chute specification.

E-SCALE OPERATIONS

3 BALES IN ONE OR 6M³ CLAMP SILAGE

Available with side or swivel chute.

2-speed gearbox for reduced flywheel speed when discharging feed materials.

Unique drum-knife configuration with two drums to handle a wide variety of materials.

The Kubota BC1600, 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 6m³ of loose silage in one go. This will help limit the number of loading sequences per day.



Loading of square bales or multiple round bales is easily achieved, due to the huge 6m³ loading capacity of the Kubota BC1600.

The Combination that Handles Materials in Volume

The two drums of the Kubota BC1600 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 feed smoothly onto the flywheel without the need for bale rotation or conveyor reversing.



FEEDING OR BEDDING

KUBOTA BC1300 PRO-BC1600 PRO

Kubota BC1300 PRO-BC1600 PRO Series:

- 3m³ or 6m³ chamber.
- Blowing distance up to 23m.
- Anti Blockage System (DFCS) on BC1300 PRO.
- Remote control for rear door and conveyor.

Specialised Flywheel Configuration

A dedicated flywheel configuration has been developed for the Kubota BC1300 PRO and BC1600 PRO. To maximise airflow the 1.55m diameter flywheel is fitted with 6 large front blower paddles. These paddles ensure optimum flow towards the chute for an extended blowing distance, as well as an excellent cleaning of the flywheel housing.

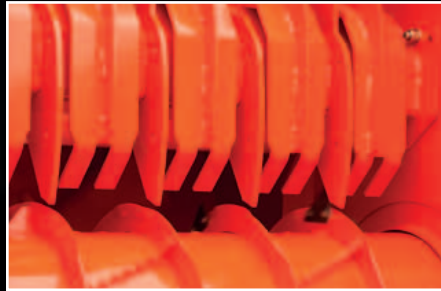
Additionally the flywheel features 3 main paddles for an increased intake of material from chamber to flywheel.

The flywheel does not chop the straw, thus ensures virtual full length material suitable for bedding of covered yard areas. In combination with the standard 2-speed gearbox the flywheel can throw straw for bedding (at high speed) or gently feed hay/silage at the side of the machine (at low speed).

The 3-stage swivel chute enables the perfect combination of extensive blowing distance and feeding into high troughs.

WORKING IN ALL CONDITIONS

ANTI BLOCKAGE (DFCS)



DFCS engaged to reduce the risk of blockages during loading and flywheel start up.



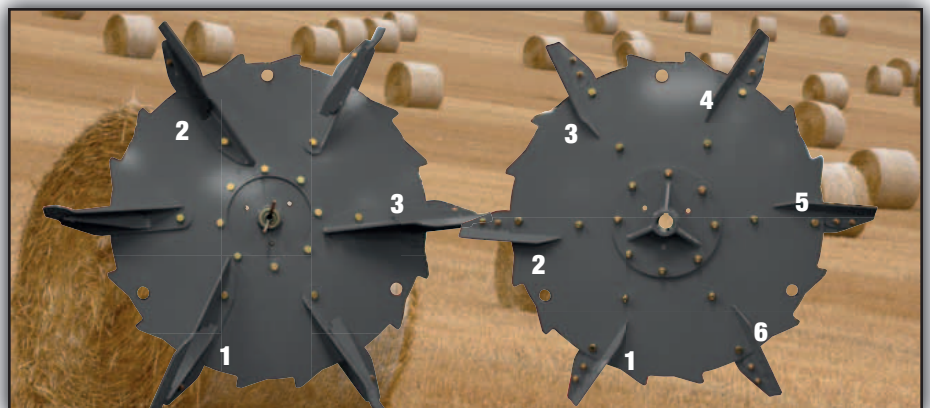
DFCS disengaged for maximum flow through the flywheel.

Drum Feed Control System (DFCS) - Easy to use

During loading the DFCS is engaged, which means that the comb is in a lowered position. This ensures that blockages of the flywheel is minimized during the start up process in loose materials.

Once the flywheel speed is at a sufficient level, all you need to do is to push a button and the DFCS 'fingers' will be gradually disengaged and open for full flow through the flywheel. The progressive release of the 'fingers' offers a more gentle start, protecting the machine and minimizing the risk of blockages. A reliable and simple system with minimum maintenance!

DRUM FEED CONTROL
system



Extended paddles on the flywheel increase blowing distance and performance significantly.

GO PRO - FOR MAXIMI

KUBOTA BC1300 PRO-BC1600 PRO

Kubota BC1300 PRO-BC1600 PRO Series:

- New flywheel configuration.
- New 3-stage swivel PRO Chute.
- Optimised bedding and feeding.
- Easy-to-operate electric controls.

In-Cab and Remote Controls

On top of the control terminal located inside the tractor cab, the Kubota BC1300 PRO and BC1600 PRO are equipped with an additional remote controlled switch for the floor chain and tailgate. The ability to operate these functions directly from the side of the machine, saves valuable time during loading.

You are able to operate both tailgate and floor chain in a safe distance from the moving parts, by using the remote control placed on the side of the BC1300 PRO and BC1600 PRO, there is no need to enter the tractor to use the control terminal.

Increased Maneuverability

Both PRO models feature as an option an extended drawbar to provide the best possible maneuverability during operation. The extended drawbar ensures easier operation, especially when turning with larger tyred tractors.

ZED PERFORMANCE

THE PRO CHUTE

The PRO chute offers maximized comfort and is a cost saving solution with less waste and more efficient bedding and feeding process. The PRO chute operates in 3 stages which optimizes the blowing distance when bedding. Depending on the material and conditions of the barn it can blow up to 23m, which allows the farmer to reach the most distant corners of the barn.

Designed with a turning radius of 260°, the system enables easy access to even difficult reachable spaces for complete bedding.

The 3-stage movement also optimizes the feeding performance in flat or high troughs, without blockage even with long fibrous material when processing round bales, silage or hay.



The control unit shows the actual status of the DFCS.



Operation of both tailgate and floor chain by using the remote control.



The Kubota BC1300 PRO and BC1600 PRO can be fitted with lighting kit, well protected from damages.

FULL IN-CAB CONTROL



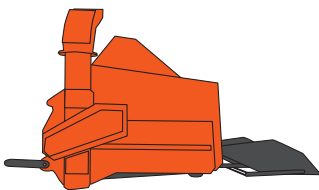
Control Box

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

The following functions are operated with the control box:

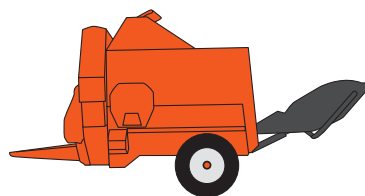
- Speed of the slat-and-chain conveyor.
- Driving direction of the slat-and-chain conveyor.
- Opening and closing of the tailgate for instance when loading a bale onto the tailgate.
- Steering of the chutes for feeding and bedding by joystick. For instance for direct and precise bedding with the swivelling chute.
- Control and indication of DFCS position.

PRO Terminal with control and monitoring of the DFCS.



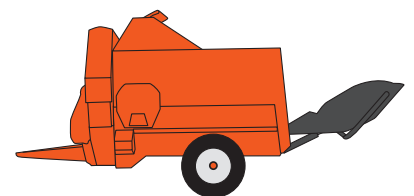
Kubota BC1200

Capacity: 2m³
1 round bale up to 1.80m diameter
1 square bale up to max.
1.20x1.20x2.50m



Kubota BC1300 and BC1300 PRO

Capacity: 3m³
1 round bale up to 2m or 2 round bales up to 1.50m
1 square bale up to max. 1.20x1.20x2.70m



Kubota BC1600 and BC1600 PRO

Capacity: 6m³
2 round bales up to 2m or 3 round bales up to 1.50m
3 square bales up to 1.20x1.20x2.70m

SPECIFICATIONS

Kubota Models	BC1200	BC1300	BC1300 PRO	BC1600	BC1600 PRO
Dimensions and Weight					
Cubic Volume (m ³)	2.0	3.0	3.0	6.0	6.0
Metering System **	Single Drum	Single Drum	Single Drum	Two-Drum	Two-Drum
Blowing Distance (straw*) (m)	up to 20	up to 20	up to 23	up to 20	up to 23
Gearbox Specification	1- or 2 speed*	2 Speed	2 Speed	2 Speed	2 Speed
Chassis	Mounted	Trailed	Trailed	Trailed	Trailed
Dimensions					
Overall Length - Door Closed (m)	2.87	3.80	3.95	4.95	5.10
Overall Height - Side Chute (m)	2.20	2.31	2.31	2.40	2.40
Overall Height - Swivel Chute (m)	2.60	2.67	2.66	2.67	2.66
Overall Height - Swivel Chute open (m)	2.70	2.70	3.06	2.70	3.06
Overall Width - Machine (m)	2.14	1.85	1.85	1.95	1.95
Overall Width - over Tyres (m)	-	2.04	2.04	2.10	2.10
Overall Width - Side Chute open (m)	2.62	2.65	2.65	2.65	2.65
Capacity					
Load Capacity (kgs)	800	1250	1250	3000	3000
Unloaden Weight (kgs)	1300	1750	1850	2250	2250
Max. Round Bale Width (m)	1.35	1.35	1.35	1.35	1.35
Max. Round Bale Diameter (m)	1.80	2.00	2.00	2.10	2.10
Max. Square Bale Size (m)	1.2 x 1.2 x 2.5	1.2 x 1.2 x 2.7	1.2 x 1.2 x 2.7	1.2 x 1.2 x 2.7	1.2 x 1.2 x 2.7
Bale Retaining Kit	o	o	o	o	o
Remote Control	o	o	•	o	•
Discharge					
Discharge Height Max - Side Chute (m)	2.25	2.25	2.25	2.25	2.25
Discharge Height Max - Swivel Chute (m)	-	2.70	3.05	2.70	3.05
Side Chute (2-flap)	•	•	•	•	•
Swivel Chute	2- stage	2- stage	3- stage	2- stage	3- stage
Attachment to Tractor					
Power Requirement at PTO (kW/HP)	40/55	48/60	48/60	56/75	56/75
PTO Input Speed (rpm)	540				
Safety Protection	PTO Friction Clutch & Over-run				
Tractor Flow Requirement	40 litres/min @ 180 bar				
Tractor Hydraulic Requirement	1 x Flow and Return				
Number of Knives on Drum	14 x Standard - 28 extra optional				
Wheel Equipment	-	10x15.3x10ply	10x15.3x10ply	11.5x15.3x14ply	11.5x15.3x14ply

• = standard o = optional - = not available * 2-speed gearbox as option. ** Depending on barn-specific conditions.



The company reserves the right to change the above specifications without notice. This brochure is for descriptive purpose only. Some of the items pictured in this brochure are optional and not standard equipment. Please consult your local Kubota dealer for warranty, safety or product information. For your safety, Kubota strongly recommend the use of a seat belt in all applications.

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The Kubota logo is rendered in a teal, stylized font. The letters are bold and rounded, with a distinctive shape for the 'u' and 'o'. A registered trademark symbol (®) is located at the bottom right of the logo.