



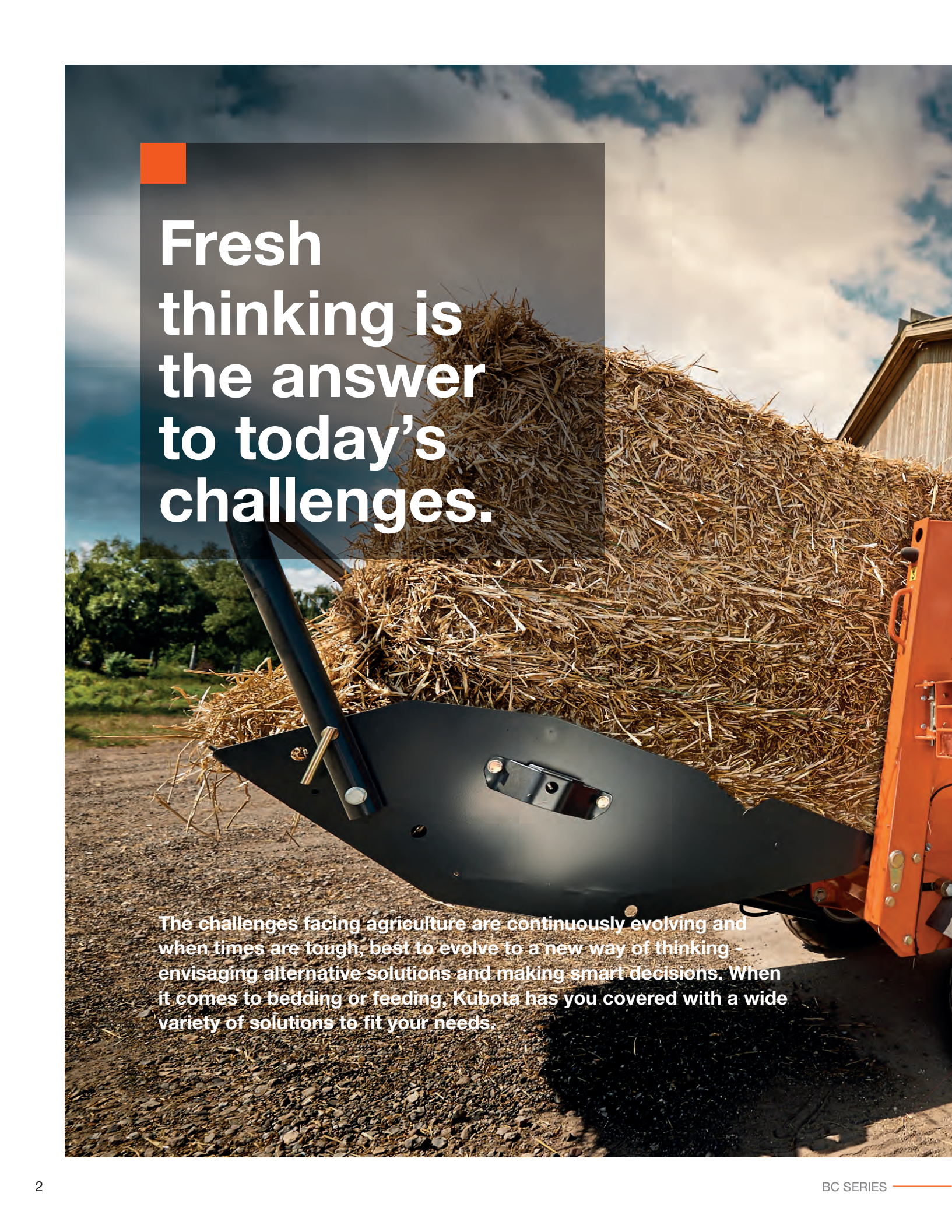
For Earth, For Life
Kubota

BC

KUBOTA BALECHOPPERS

**KUBOTA
BC SERIES**





Fresh thinking is the answer to today's challenges.

The challenges facing agriculture are continuously evolving and when times are tough, best to evolve to a new way of thinking - envisaging alternative solutions and making smart decisions. When it comes to bedding or feeding, Kubota has you covered with a wide variety of solutions to fit your needs.





BC Series: Feeding or bedding in all conditions

Kubota bale choppers are rugged, dependable and versatile machines designed to be operated on a daily basis, without compromise.



BC1200

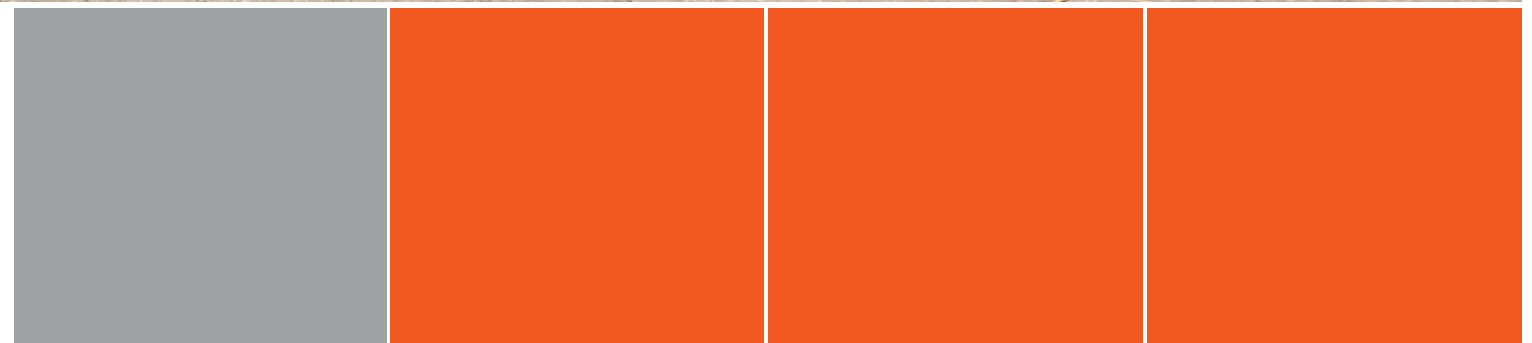
Mounted bale chopper – specially designed for working with straw for bedding purposes.
Capacity: 70.6ft³ (2m³)
1 round bale up to 5'11" (1.8m) diameter
1 square bale up to max. 3'11"x3'11"x8'2" (1.2x1.2x2.5m)

BC1300 PRO

For bedding (high speed) or gently feed hay/silage at the side of the machine (low speed).
Capacity: 106ft³ (3m³)
1 round bale up to 6'7" (2m) or 2 round bales up to 4'11" (1.5m). 1 square bale up to max. 3'11"x3'11"x8'10" (1.2x1.2x2.7m)

BC1600 PRO

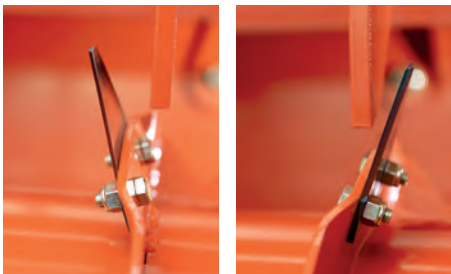
For bedding (high speed) or gently feed hay/silage at the side of the machine (low speed).
Capacity: 211ft³ (6m³)
2 round bales up to 6'7" (2m) or 3 round bales up to 4'11" (1.5m). 3 square bales up to 3'11"x3'11"x8'10" (1.2x1.2x2.7m)





The robust core: unique drum and flywheel design

The Kubota BC range includes a unique drum – knife configuration, in which 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.



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

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.

Designed to handle a wide variety of materials

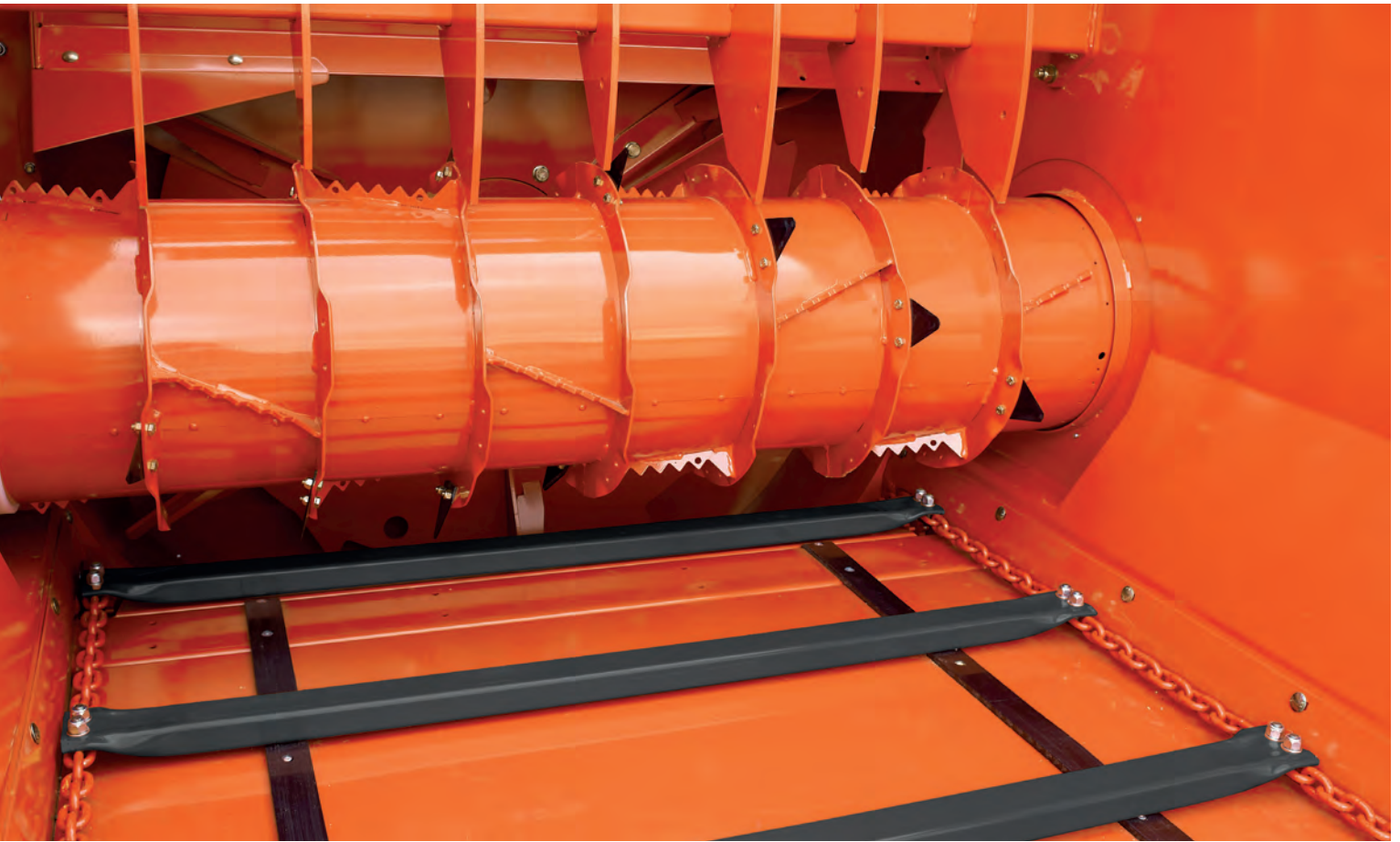
The drum is fitted with 14 knives as standard, but will accept a further 28 knives according to material type – simply bolt them on in a matter of minutes.



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



UltraGlide strips reduce wear to a minimum. (Option for BC1200)



Flywheel for maximum performance

The 5'1" (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, the flywheel can blow straw up to 65'7" (20m), depending on bedding material and barn-specific conditions.



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



Bedding or feeding configurations

At lower speeds, 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 swivel chute offers a 260° rotation of the chute.





The 4-stage swivel chute - PRO models

The 4-stage swivel chute offers maximised comfort and is a cost saving solution with less waste and more efficient bedding and feeding process.

The swivel chute operates in 4 stages which optimises the blowing distance when bedding. Depending on the material and conditions of the barn it can blow up to 65'7" (20m), which allows bedding of the most distant corners of the barn.

Designed with a turning radius of 260°, the system enables easy access to difficult to reach spaces for complete bedding. The 4-stage movement also optimises feeding performance in flat or high troughs, without blockage, even with long fibrous material from round bale silage or hay.



The bedding specialist: a machine with efficient characteristics

The Kubota BC1200 mounted bale chopper is specially designed for working with straw for bedding purposes. The 70.6ft³ (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.

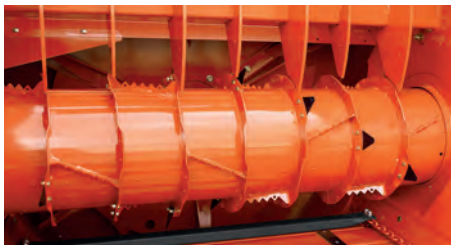
The drum and flywheel

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.



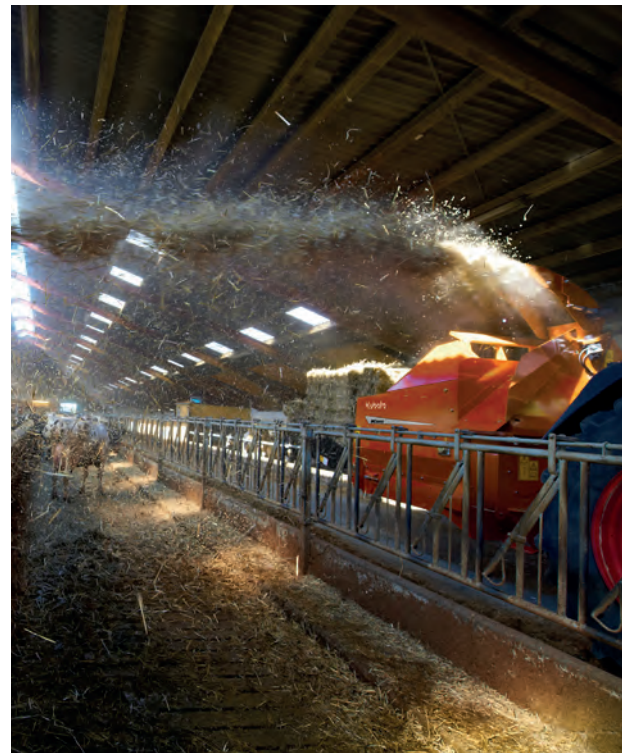
For multi-purpose of bedding and feeding, a silage kit with stronger drum and extended comb is available.

Accurate and even bedding

The Kubota BC1200 connected to a tractor allows quick pick up of bales and provides enormous maneuverability even in tight 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 strips
- additional knives at metering drum
- silage kit for feeding purposes





DRUM FEED CONTROL
SYSTEM

Feeding and bedding in all conditions

A dedicated flywheel configuration has been developed for the Kubota BC1300 PRO and BC1600 PRO. To maximise airflow the 5'1" (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.



The two drums of the Kubota BC1600 PRO feature the unique design of angled knives passing the 'comb' on alternate sides - even feed to the flywheel, reduced blockage and clean-out at the end.



BC1300 PRO - Anti Blockage - 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!



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



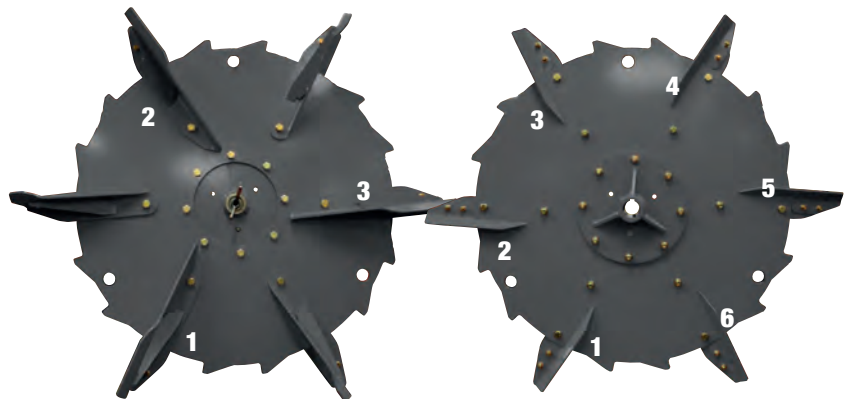
DFCS disengaged for maximum flow through the flywheel.

Specialised flywheel configuration

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





Go PRO: for maximized performance

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

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 remove in a safe distance from remove the moving parts, by using the remote control placed on the side. There is no need to enter the tractor to use the control terminal.

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 once loaded or for self-loading operation.
- Precise feeding or bedding with joystick operation of the swivel chute.
- Control and indication of Drum Feed Control System position.



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.



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

Technical data

Model		BC1200	BC1300 PRO	BC1600 PRO
Dimensions & weight				
Cubic Volume	ft ³ (m ³)	70.6 (2)	105.9 (3)	211.9 (6)
Metering System		Single Drum	Single Drum	Two-Drum
Blowing Distance (straw**)	ft (m)	up to 59'1" (18)	up to 65'7" (20)	up to 65'7" (20)
Gearbox Specification		2 Speed	2 Speed	2 Speed
Chassis		Mounted	Trailed	Trailed
Dimensions				
Overall Length - Door Closed	ft (m)	9'5" (2.87)	13' (3.95)	16'9" (5.10)
Overall Height - Side Chute	ft (m)	-	7'7" (2.31)	7'10" (2.40)
Overall Height - Swivel Chute	ft (m)	8'6" (2.60)	8'9" (2.66)	8'9" (2.66)
Overall Height - Swivel Chute open	ft (m)	8'10" (2.70)	10' (3.06)	10' (3.06)
Overall Width - Machine	ft (m)	7' (2.14)	6'5" (1.95)	6'5" (1.95)
Overall Width - over Tyres	ft (m)	-	6'7" (2.01)	6'11" (2.10)
Overall Width - Side Chute open	ft (m)	8'7" (2.62)	8'8" (2.65)	8'8" (2.65)
Capacity				
Load Capacity	lbs (kgs)	1764 (800)	2756 (1250)	6614 (3000)
Unloaden Weight	lbs (kgs)	2965-3075 (1345-1395)	4045-4156 (1835-1885)	4894-4949 (2220-2245)
Max. Round Bale Width	ft (m)	4'5" (1.35)	4'5" (1.35)	4'5" (1.35)
Max. Round Bale Diameter	ft (m)	5' (1.80)	6'7" (2.00)	6' (2.10)
Max. Square Bale Size	ft (m)	3'x3'x8'2" (1.2x1.2x2.5)	3'x3'x8'10" (1.2x1.2x2.7)	3'x3'x8'10" (1.2x1.2x2.7)
Bale Retaining Kit		○	○	○
Remote Control		○	●	●
Discharge				
Chute		Electric	Hydraulic	Electric
Attachment to Tractor				
Power Requirement at PTO	(hp)	55	60	75
PTO Input Speed (rpm)	(rpm)	540	540	540
Safety Protection		PTO Friction Clutch & Over-run		
Tractor Flow Requirement		10 GPM @ 2600 PSI (40 l/min @ 180 Bar)		
Number of Knives on Drum		14 x Standard - 28 extra optional		
Wheel Equipment		-	10x15.3x10ply	11.5x15.3x14ply

** Depending on barn-specific conditions. - not available ○ option ● standard







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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KUBOTA CANADA LTD.

Kubota Canada Ltd.

Head Office: 1155 Kubota Dr., Pickering, ON L1X 0H4 (904)294-7477

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