



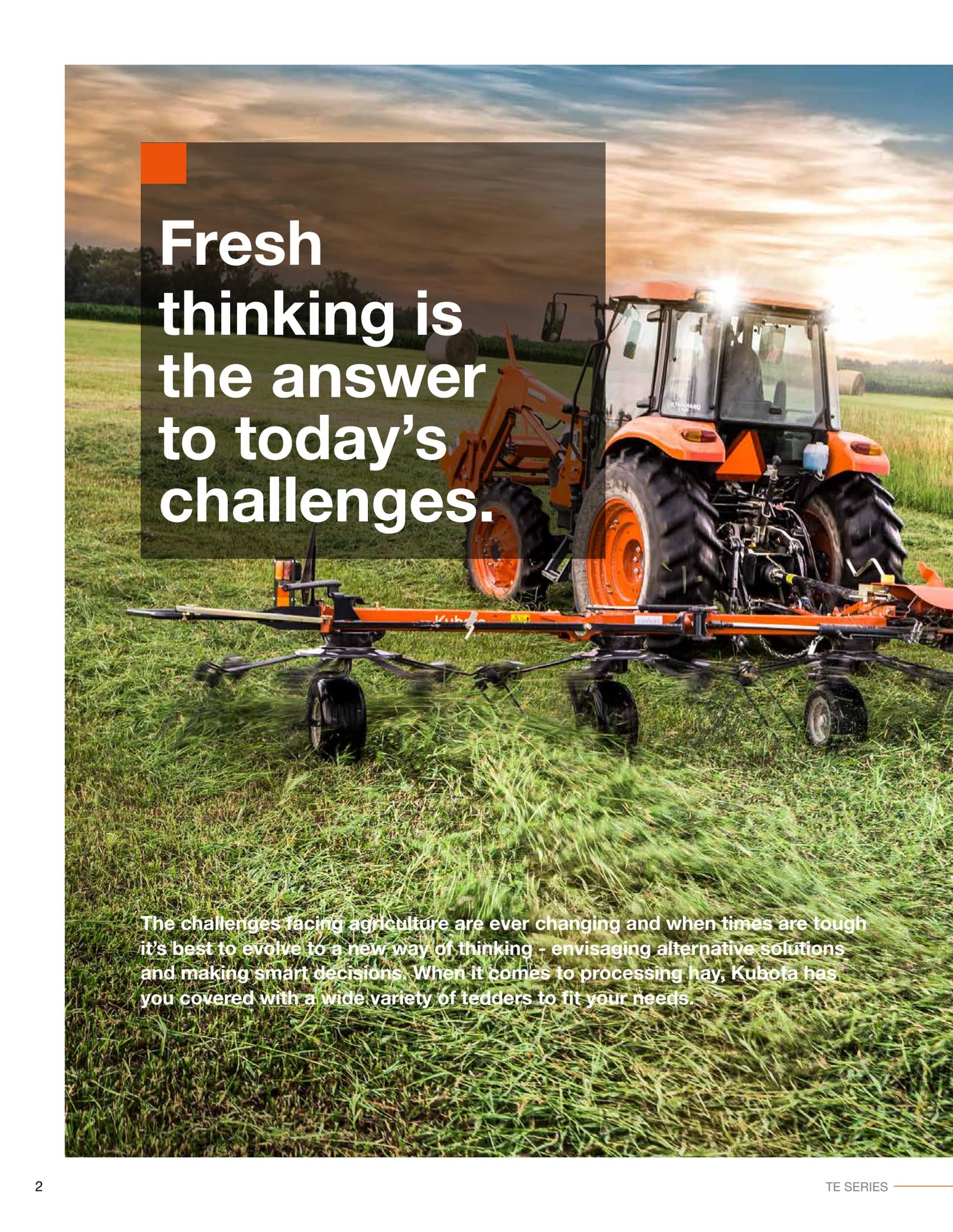
For Earth, For Life
Kubota

TE

KUBOTA ROTARY TEDDERS

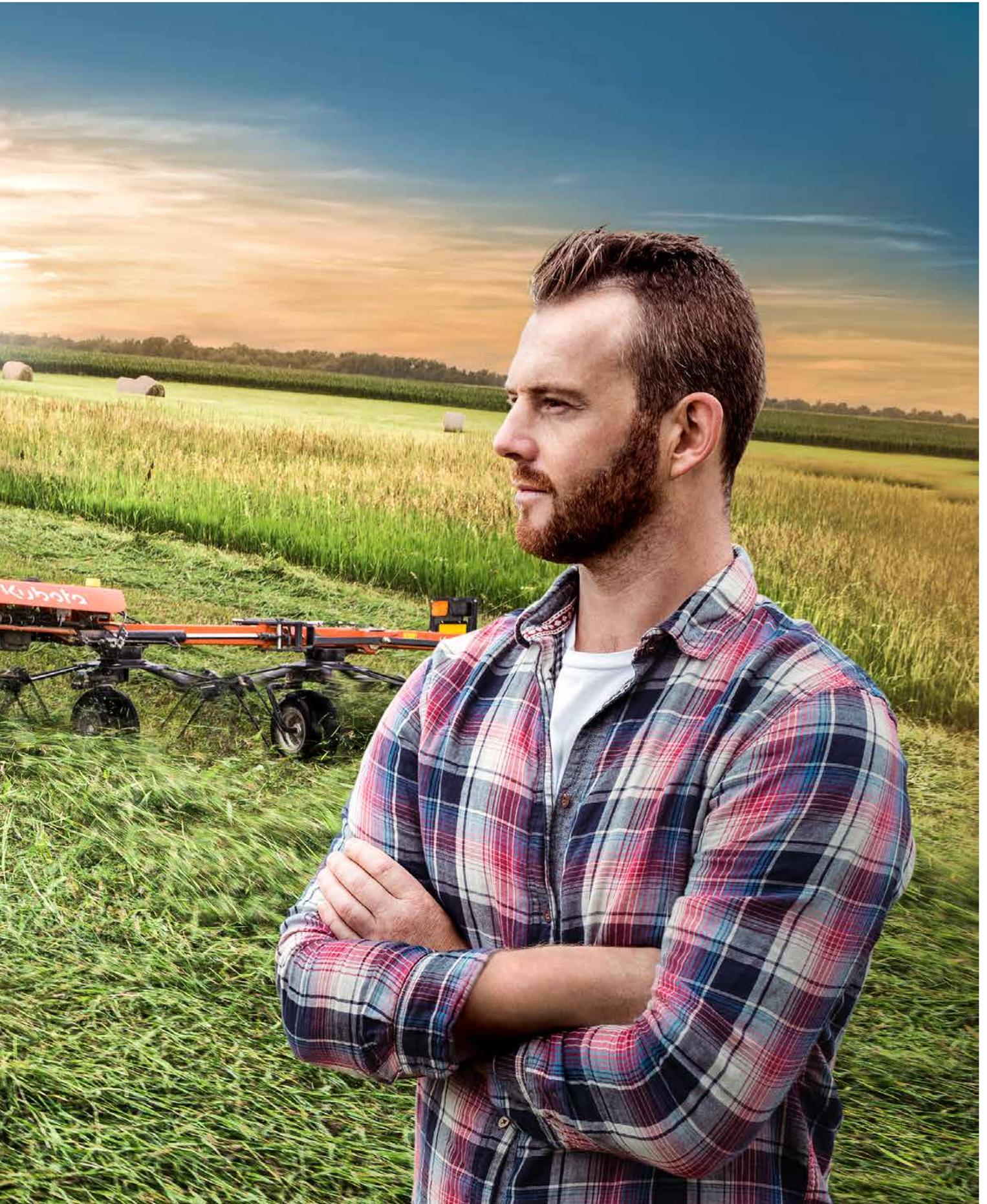
KUBOTA
TE SERIES



A Kubota tractor with a tedder attachment is shown in a field at sunset. The tractor is orange and black, and the tedder is also orange. The background shows a green field and a sunset sky with clouds. The text "Fresh thinking is the answer to today's challenges." is overlaid on the image in white. The text "The challenges facing agriculture are ever changing and when times are tough it's best to evolve to a new way of thinking - envisaging alternative solutions and making smart decisions. When it comes to processing hay, Kubota has you covered with a wide variety of tedders to fit your needs." is overlaid on the bottom left of the image in white.

Fresh thinking is the answer to today's challenges.

The challenges facing agriculture are ever changing and when times are tough it's best to evolve to a new way of thinking - envisaging alternative solutions and making smart decisions. When it comes to processing hay, Kubota has you covered with a wide variety of tedders to fit your needs.





TE4000-10000: High capacity machinery

Delivering the best possible output in the most efficient way requires a tedder that is made for all conditions. You need an easy but robust machine that gets the job done to your satisfaction.



**Trailed tedders
– CompactLine**
Model TE4052T.
Working width of 17'1"
(5.20m).

**Transport carrier tedders
– ProLine**
Model TE6576CD.
Working width of 24'11"
(7.60m).

**Trailed tedders
– ProLine**
Model TE6583T-TE8511T.
Working width of 27'3"
to 36'1" (8.30 to 11.00m).



**Carrier frame tedders
– ProLine**

Model TE8590C-TE10511C.
Working width from 29'6" to
36'0" (9.00-11.20m).



CompactLine: maintenance-friendly gearbox

Gearbox not part of the main frame.

Stable, torsion stiff gear pairing in one housing.

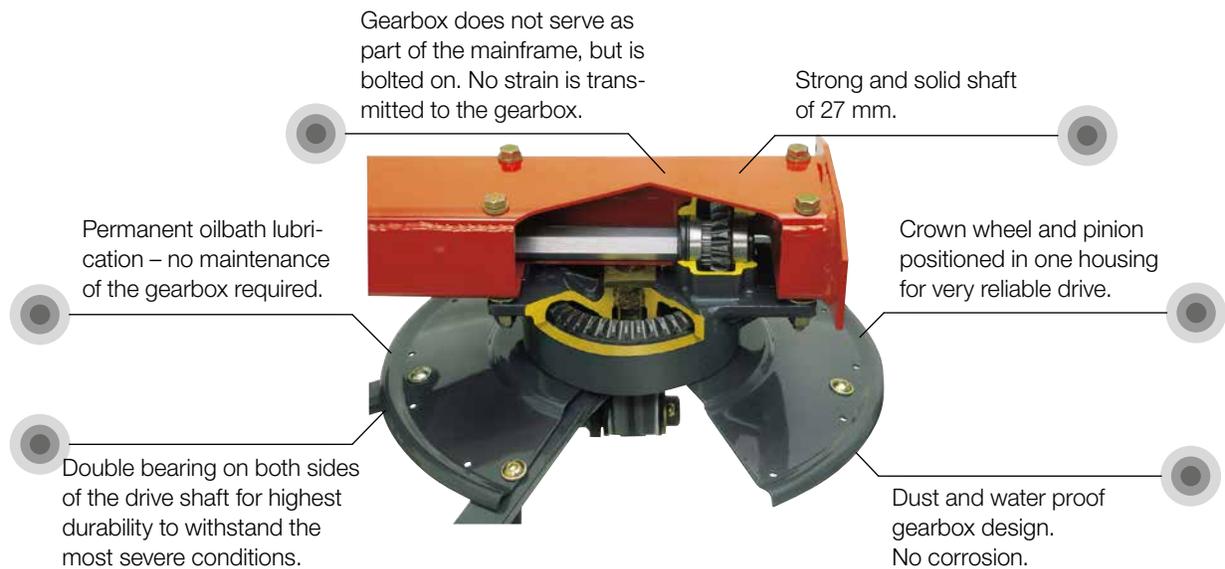
No loads/torsion on gearbox.

Compact maintenance-friendly gearbox, with one grease zerk.

Double gear-bearings give large support to whole rotor.



ProLine: maintenance-free gearbox



A strong reliable heart

Kubota ProLine tedders feature a uniquely designed self-contained rotor gearbox. The ProLine gearbox requires no maintenance, and is situated in an enclosed oilbath, set up to ensure permanent lubrication. No service or maintenance of the ProLine gearbox is needed. The gearboxes do not serve as part of the frame, but are bolted onto the fully welded mainframe. This ensures that no load and strain from frame or tine arm vibrations will be transmitted by the gearbox, adding to significantly longer lifetime.

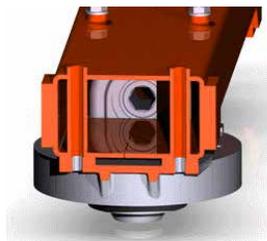
The ProLine gearboxes feature reliable crown and pinion drives positioned in one housing. The main crown wheel in each gearbox is mounted directly to the casing by means of double bearing. The double bearings on both sides of the hexagonal drive shaft keeps the shaft securely in place, even when operating in heavy duty wet crop.



Maintenance-free roller bearing for best possible performance and higher second hand value.

Heavy duty mainframe design

The Kubota tedders are built around a rugged new box section mainframe, made out of one piece of metal with only one welding seam – for maximum rigidity. The frame design is fully enclosed at the top edge for maximum strength – an exceptionally solid design, which allows the Kubota tedders to withstand the most severe loads.

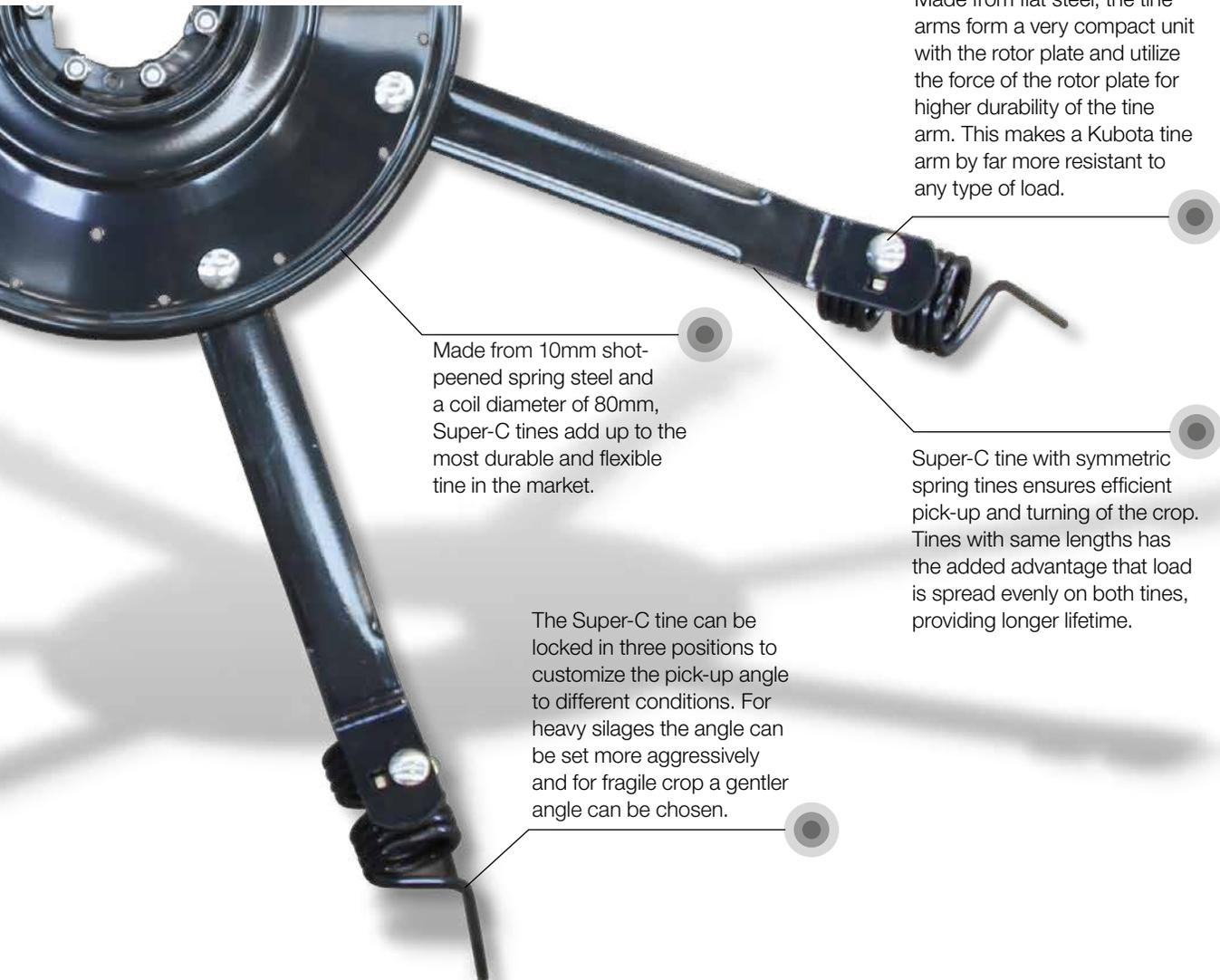


The large drive shafts and double U-joints give smooth, efficient transfer of power through the frame allowing each rotor to accurately follow field contours.



ProLine Super-C tines: Even spread – clean job

Kubota tedders help you produce high quality crop, even under difficult weather conditions. Ever-changing weather conditions often leave a very tight time window to prepare the crop. When the weather proves to be unpredictable, it is vital that your gear and equipment is just as flexible.



Made from flat steel, the tine arms form a very compact unit with the rotor plate and utilize the force of the rotor plate for higher durability of the tine arm. This makes a Kubota tine arm by far more resistant to any type of load.

Made from 10mm shot-peened spring steel and a coil diameter of 80mm, Super-C tines add up to the most durable and flexible tine in the market.

Super-C tine with symmetric spring tines ensures efficient pick-up and turning of the crop. Tines with same lengths has the added advantage that load is spread evenly on both tines, providing longer lifetime.

The Super-C tine can be locked in three positions to customize the pick-up angle to different conditions. For heavy silages the angle can be set more aggressively and for fragile crop a gentler angle can be chosen.

Take the lead in beating the weather

The Kubota tedders are the right tools to accomplish uniform and rapid drying action of the crop. The Kubota Super-C tines, working with generous overlap thanks to the rotor design, always leave an airy and evenly spread crop, speeding up the drying process, so you can chop or bale the crop in time. Kubota tedders allow you to instantly react to unpredictable weather conditions.



ProLine tedders are fitted with 10mm shot-peened spring steel combined with a coil diameter of 80mm that adds up to the most durable and flexible tine in the market.



Easy adjustment of spreading angle via pin holes, no tools required.

The Super-C tine

In order to produce high quality silage or hay, the crop must be spread evenly across the field to facilitate a uniform drying process. In addition soil contamination is a no go.

The symmetric Kubota Super-C tines of identical length efficiently pick up the crop and turn it for a very efficient crop flow. The crop is spread evenly and thrown over a wide distance, to ensure that the wet crop is placed on top of dry crop. Tines with same lengths have the added advantage that load is spread evenly on both tines, providing longer life time.

The Kubota Super-C tines are made of 10mm shot-peened spring steel. Spring diameter coils have 20% larger diameters than conventional designs for added service life, even when tedding large quantities of crop. Additionally optional tine saver clips are available.



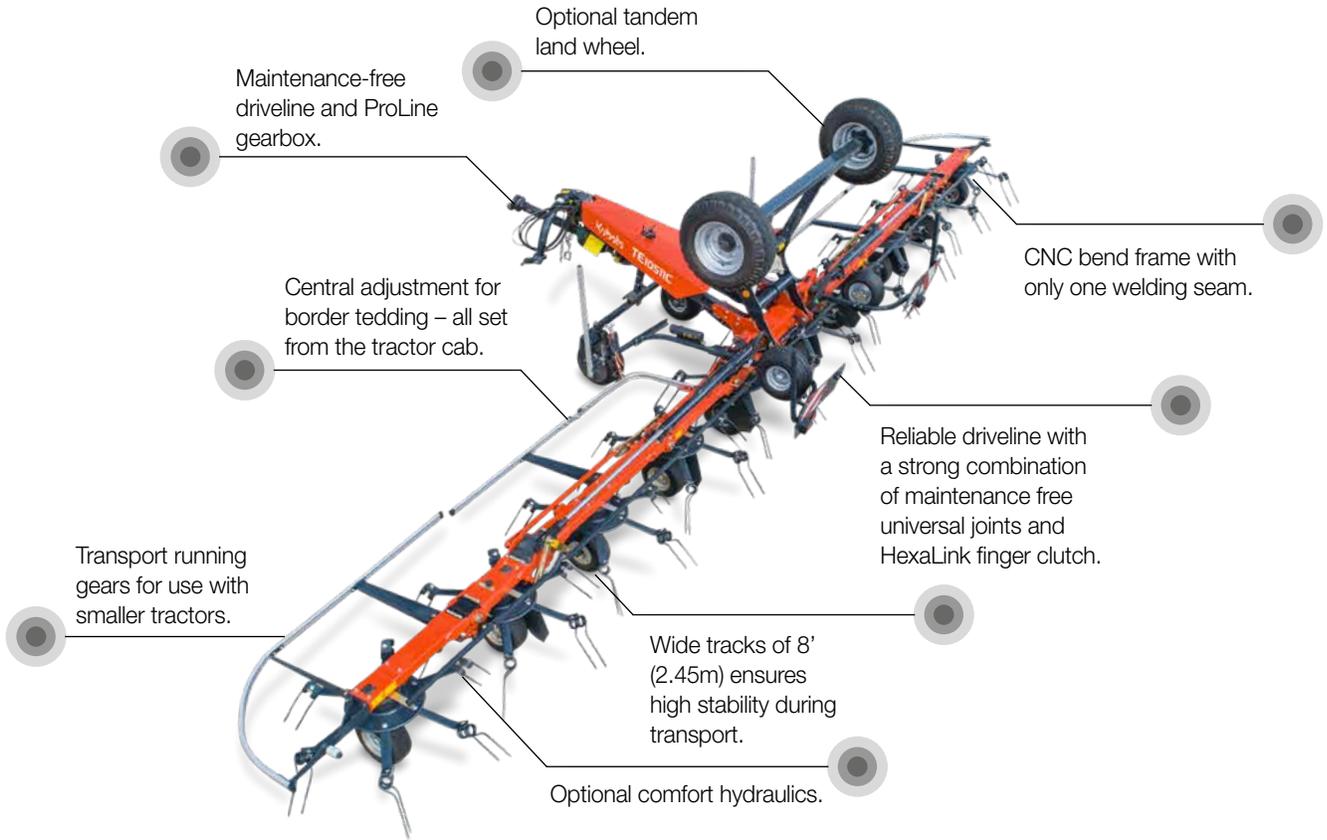


TE8590C-10511C

Dynamic and powerful: maximum efficiency

The TE8590C with 29'6" (9m), 8-rotor and the TE10511C with 36'9" (11.2m), 10-rotors are carrier frame tedders purpose-built for use with smaller tractors. The wide track width ensures stable running characteristics during road transport.





Clever transport solution

Due to the carrier frame concept, the lifting capacity of the tractor is not a limiting factor and it can be operated with tractors starting from 60hp.

In road transport, tedder weight rests on the running gear, rather than on the tractor's rear axle. The optimised driveline provides low input requirement, so you can easily use a small tractor and still work at wide working widths - the ideal solution that saves fuel and running costs.

The carrier frame takes the strain

The carrier frame concept of TE8590C and TE10511C allows it to be managed using smaller tractors than conventional designs. Both offer very compact storage and transport height due to the implementation of the HexaLink finger clutch system in the joints of the two outer rotors.

The remaining rotors are driven by maintenance-free universal joints, for strong and efficient transfer of power, including the possibility of running in folded position.



Standard running wheels of both models are extra wide 10.0/75 – 15.3 tyres with a generous track width of 8' (2.45m).



Optional third wheel with tandem axle for high accuracy in ground followings.



Kubota HexaLink finger clutch permits a 180° folding of the rotors for transport.



TE6576CD



A third wheel allows for better tracking and more accurate tedding action. This wheel also helps adjust the tedding height.



In transport position the weight of the carrier frame rests on the center part of the machine and the tractor drawbar.



The wide track of the transport wheels ensures stability during roading of the machine.



Maximum performance: low input

Are you the owner of a low horsepower tractor that you would like to utilize for your tedding operation? Kubota's TE6576CD is the ideal combination of high working width, low horsepower requirements and fast and stable transport.

Transport wheels

TE6576CD comes standard with hydraulic border tedding. While transporting on the transport wheels, the tedder's weight rests on the running gear rather than on the tractor's rear axle. The optimized oil-immersed driveline is conducive with low horsepower tractors. This allows the operator to easily use a small tractor and still operate at wide working widths - the ideal solution that saves both fuel and running costs.

The transport wheels fold hydraulically towards the center of the machine, providing for a low center of gravity and improved balance. All folding is fully automatic to eliminate the risk of operator error. One double-acting spool is required to operate the tedder. A wide track on the transport carrier ensures excellent running characteristics - even at high speed.

Transport running gear





Large working width: low power requirement

The TE6583T and TE8511T offer wide working widths of 27'3" (8.3m) and 36'1" (11.0m) respectively. Due to their trailed design, they are still ideal for lower horsepower tractors, which minimizes compaction and operating costs. Certainly a great advantage in times of escalating fuel prices. Each model is also fitted with a maintenance-free oil-immersed ProLine gearbox, allowing for years of maintenance free service.



Maintenance reduced to a minimum

The TE6583T and TE8511T are extremely pleasant to work with. The ball bearings of the hinges are life span lubricated. In combination with the maintenance-free gearbox, maintenance of the entire tedder is reduced to a minimum.

Easy transport

Kubota's TE6583T and TE8511T are both easily converted from working to transport position. Wheels are fixed during transport, ensuring very smooth and stable running.

The rotor wheels have been upgraded to 18.0" to ensure stability during both transport and work positions. Both models are approved for 25 mph.

Pin-hitch or drawbar attachment

Both, TE6583T and TE8511T offer the unique option of either pin-hitch or drawbar attachment. You simply refit a pin for continental pin-hitch attachment or linkage drawbar attachment.

Continental pin-hitch attachment will not put the pto-shaft at risk, and makes for very easy attachment without difficulties.



Drawbar attachment.



Pin-hitch attachment.



Fast and easy height adjustment.



From the tractor, the machine is easily converted from transport to working position.



Fast transport, low height.



Speed up your drying process

The Kubota TE4052T is designed to optimize performance for producing the ideal hay. The four rotors, in combination with a wide overlap, ensure complete pick up of the hay and equal distribution over the entire working width. The Kubota TE4052T rotors are driven by a low maintenance gearbox with only one grease point. The bearings from the pinion and crown wheel ensure maximum longevity of the driveline. The low weight of 904lbs (410kg) is ideal for applications with small tractors, or on hilly terrain.

Strong and easy to maintain

The Kubota TE4052T features a maintenance friendly gearbox, with only one grease fitting. The gearbox is mounted directly to the frame that provides full support across the tedder.



The Kubota Super-C tines are made of 0.39" (ProLine) or 0.35" (CompactLine) shot-peened spring steel for added strength and extended service life, even when tedding large quantities of crop. The tines are equal length, so no need to store two types of tines.



The Kubota TE4052T is built around a rugged box chassis, which is made out of one piece of metal with only one welded seam. The chassis design is fully enclosed at the top edge for maximum strength – This exceptionally strong design, allows the tedder to withstand the most severe loads.



Powerful dimensions

This smaller model excels with a rotor plate diameter measuring 19.7" (500mm). The gearbox is mounted directly to the frame that provides full support across the tedder.



Double U joints allow for a smooth transfer of power from the tractor to the rotors.



The tines are automatically leveled for added ground clearance when folding into the transport position.



Pull type drawbar. Easy to attach.

Technical data

Model		TE4052T	TE6576CD	TE6583T	TE8590C	TE8511T	TE10511C
CompactLine		●	-	-	-	-	-
ProLine		-	●	●	●	●	●
Dimensions & weight							
Working width*	ft (m)	17'1" (5.20)	24'11" (7.60)	27'3" (8.30)	29'6" (9.00)	36'1" (11.00)	36'9" (11.20)
Width, working position	ft (m)	17'9" (5.40)	25'7" (7.80)	28'5" (8.65)	30'8" (9.35)	37'1" (11.30)	38'5" (11.70)
Transport width	ft (m)	9'6" (2.90)	9'9" (3.0)	9'10" (2.99)	9'9" (3.0)	9'6" (2.90)	9'9" (2.96)
Transport length	ft (m)	6'11" (2.10)	12'6" (3.80)	17'9" (5.40)	12'6" (3.8)	23'7" (7.20)	14' (4.26)
Storage height	ft (m)	7'10" (2.40)	12'6" (3.85)	4'1" (1.25)	11'4" (3.45)	4'1" (1.25)	12'11" (3.94)
Weight approx.	lbs (kg)	904 (410)	2646 (1200)	1984 (900)	3086 (1400)	2679 (1215)	4905 (2225)
Capacity theor.	(ha/h)	4.2	6.1	6.6	7.2	8.8	9.0
Attachment							
Three-point, tracking		Cat. I+II	-	-	-	-	-
Linkage drawbar		●	-	●	-	●	-
Two-point, linkage arms		-	Cat. II	-	Cat. II	-	Cat. II
Rotors/Tines/Guard							
No. of rotors		4	6	6	8	8	10
No. of tine arms / rotor		6	7	7	6	7	6
Tine adjustment system		●	●	●	●	●	●
Adjust. of spreading angle		-	●	-	●	-	●
Cab contr. border clearing syst., hydr.		-	●	○	●	-	●
Reduc. gearbox for night swaths		○	○	○	○	○	○
Tires/Axles/Lights							
Wheels		16x6.5-6	16x6.5-6	18x8.5-8	16x6.5-6	18x8.5-8	16x6.5-6
Tires on central unit		-	18.5x8.5-8	-	18.5x8.5-8	-	18.5x8.5-8
Front wheel (16x6.50-8)		-	●	-	●	-	○
Tandem axles		○	-	-	-	-	○
Warning panels with integr. lighting		○	●	●	●	●	●

*(DIN 11220) - not available ○ option ● standard



Kubota TE4052T.

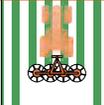
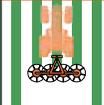
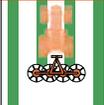
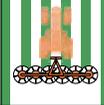
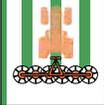
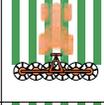
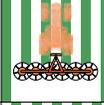
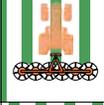
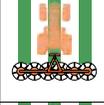
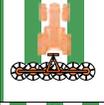
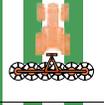
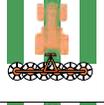
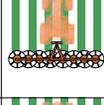
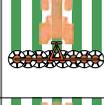
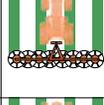
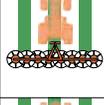
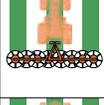
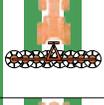
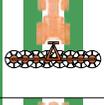
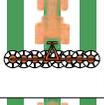
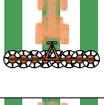
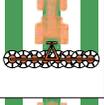
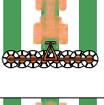
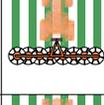
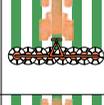
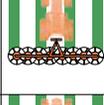
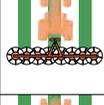
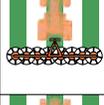
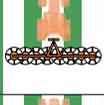
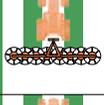
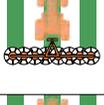
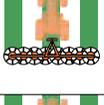
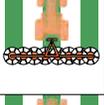
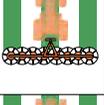
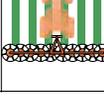
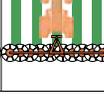
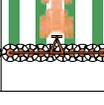
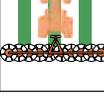
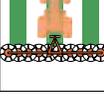
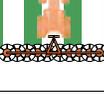
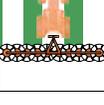
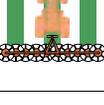
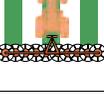
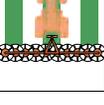
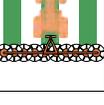


Kubota TE6576CD.



Kubota TE6583T.

Kubota tedder overview

Model	Working Width ft (m)										
	5'3" (1.6)	6'7" (2.0)	7'10" (2.4)	9'2" (2.8)	10'6" (3.2)	11'6"-11'10" (3.5-3.6)	13'1" (4.0)	28'7" (8.7)	29'6" (9.0)	31'2" (9.5)	33'6" (10.2)
TE4052T											
TE6576CD											
TE6583T											
TE8590C											
TE8511T											
TE10511C											



Kubota TE8511T.



Kubota TE8590C.



Kubota TE10511C.

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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