



For Earth, For Life
Kubota

SE

KUBOTA CHOPPERS
SE1000 - SE8000 SERIES

Choppers for all needs and working conditions



VERSATILE, RELIABLE



E, EFFICIENT!



CHOPPERS FOR ALL CONDITIONS

The hallmark of Kubota grass and straw choppers is their ability to cope with whatever is required. Whatever the size, every model is built for a variety of different tasks.

However, all models are solidly constructed throughout with a robust gearbox and very strong power transmission to the “V” belts driving the shafts. In addition, they have a strengthened chassis with double plating in the areas subjected to highest stress. The combination with Kubota’s precisely manufactured rotor shafts and hard wearing blades makes them extremely reliable. Minimal maintenance is required.

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THE SPECIALIST FOR

KUBOTA CHOPPER SE1000 SERIES



Rear roller as standard



Adjustable lower hitch



Rotor accurately balanced for smooth running

GREEN AREAS



The Kubota SE1000 series is a small, medium duty machine for use on slightly rough ground and other green areas, in amenity areas, for tidying up pasture and in similar situations.

It is available in 4 models from 0.90m working width to 1.80m. The SE1000 series is very easy to operate and requires minimum maintenance.

As well different type of blades can be fitted on rotor to fulfill demand for all working purposes.



Gearbox with integrated free wheel

The core of the SE1000 series is the rotor: high rotation speed (1993rpm) in combination with a huge number of working tools make the SE1000 series a unique chopper.

As standard the SE1000 series offers a mechanical offset: the headstock can be fitted in the centre or on the left side of the chopping unit.

The SE1000 series is equipped as standard with a rear roller which allows the reliable control of the working depth. Alternatively a pair of skids can be supplied on demand.

Kubota SE1000 series - the perfect choice for green areas.

THE EXCELLENCE IN FIELD

KUBOTA CHOPPER SE2000 SERIES



AND ROAD MAINTENANCE



The Kubota SE2000 series is a multipurpose chopper for road maintenance, clearing out field edges, ditches and hedges. In addition the SE2000 series shows versatility in operation on grass, light wood and bushes thus being ideal for the maintenance of parks, gardens and road sides.

As the request for professional shredding equipment is increasing, Kubota extended and renewed the range; the SE2000 series is one of the latest developments. It is based on the well-known and appreciated SE technology, mounted on a robust articulated arm and a heavy duty headstock.

The SE2000 series is based on Kubota's profound experience and expertise in choppers. Thoroughly tested in cooperation with universities, the SE2000 series offers all features and strengths which are required by the professional user.

The Kubota SE2000 series combines an easy concept with strong construction for excellent field performance. That also means high comfort during operations and maximum reliability in work. Thanks to all the positive feedback of our customers, the SE2000 series has immediately become a successful machine.



Rotor

High performance rotor by huge numbers of tools (14 per meter) and high speed rotation. Offered with universal, hammer or rock blades.

Frame

Solid construction, heavily protected and reinforced with double skin as standard.

Transmission

Gearbox with freewheel inside and 5 belts with automatic belt tensioner always ensure smooth and reliable power transmission to the rotor.

Roller

Diameter 195mm, self-cleaning, integrated bearing, easy adjustment of the working depth. The roller is standard equipment.

HIGHER OFFSET ABILITY FOR

KUBOTA CHOPPER SE2000P SERIES



Lateral transmission

The transmission is based on a gearbox with integrated freewheel (up to 150hp) and 2 lateral pulleys which drive 5 belts. An automatic belts tensioner spring loaded always ensure stable rotor transmission. It's standard supplied with double wide angle pto shaft in order to get best performances and comfort during utilization.

EXCELLENCE PERFORMANCES

High versatile solution for farming and road maintenance purpose

Due to possibility of different working angle positions, SE2000P series is indispensable equipment on daily farming.

Compared to the SE2000 series the P-version allows major offset ability

(1255mm) and reach positions and working angle impossible to get with similar equipment. In addition the P-version allows chopper combinations with a front unit (SE4000 series or SE6000 series) so working coverage is optimized and maximized without any overlap.



Robust and guarded. Main frame and parallelogram articulations designed according to FEM analysis and calculations; heavily tested in Klepp laboratory to ensure reliable and safe working life. Gearbox and transmission guarded against eventual misuse during operations.



EFFICIENT AND DURABLE

KUBOTA CHOPPER SE3000 SERIES



Easy adjustment by hydraulic cylinder (option)



Gearbox with integrated free wheel



Special nylon plate fitted into sliding guide rail ensures smooth movements without the need for lubrication or maintenance.

BLE!



The Kubota SE3000 series is a compact and heavy duty machine for moderately demanding jobs in soft and top fruit orchards, vineyards and light undergrowth. It is equally perfect for tidying pasture and other grass fields, and chopping straw and stubble.

Due to its solid construction the SE3000 series ensures a long lifetime with minimal maintenance. Offset as standard (500mm) increases the versatility of this chopper and caters for safer working conditions. In addition the standard roller and the skids support the chopper in keeping a constant working depth. The design of the SE3000 series is

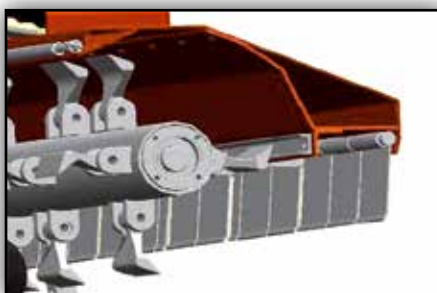
modern and versatile; the latest generation rotor can be equipped with different types of blades, making the machine adaptable in most conditions.

Highest rotor speeds (2243rpm) in combination with the counterknife and the double skin, guarantee an excellent shredding effect with minimal power requirement.

For tractors up to 80hp.



The rear roller is standard equipment, its diameter is 160mm.



Double skin as standard equipment as it is an integral part of the frame. Standard thickness of 4mm.



The Kubota SE3000 series can be equipped with rake tines to improve chopping on prunings.

THE BEST VERSATILITY

KUBOTA CHOPPER SE4000 SERIES



Lateral Drive

Drive by 5 V-belts type VX running on invertible pulleys which allows adaptation for 540 or 1000 rpm drive.

Idler wheel with automatic tensioner spring always ensures stable and low wearing on belt drive. 2 maintenance free upper ball bearings.

Headstock

The heavy duty headstock is well proven and tested in different situation in order to offer maximum reliability.



IN ALL CONDITIONS



Multi-purpose - for chopping grass, pasture, set-aside land and stubble

The SE4000 series is a versatile machine for use on grass, pasture, set-aside land and stubble. A strong double headstock allows mounting the machine in front or behind the tractor. Together with the hydraulic offset it gives a multi purpose versatility for nearly all conditions e.g. clearing out field edges, orchards, road edges. Available with hammer blades or universal Y blades with fan blades.

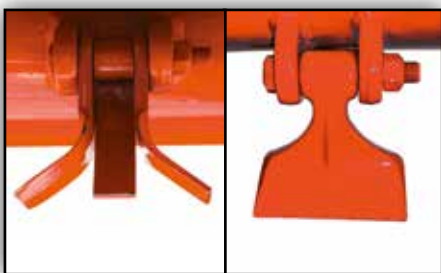
The Hydraulic Offset

Ideal for clearing out field edges. Versa-

tile use also for road maintenance. The precisely aligned offset frame machined after the welding process ensures a strong and reliable guidance. Greasable nylon bushes ensure a long lifetime.

Auto-alignment

The central gearbox fitted into the headstock ensures that the pto-shaft remains straight in all working positions. Even on max. 500 mm offset the pto angle does not change. This guarantees a smooth drive, reduced wearing and a longer lifetime of the pto shaft and the whole driveline (crosses and yokes).



Rotor

A strong 219x8mm tube forms the basis. Large diameter ensures easy and precise balancing and smooth running without vibrations.

Counter Knives and Double Skin

One standard U-counter knife. A second U-counter knife is available (optional equipment) for more intense shredding and heavy conditions.

Also combinable with double skin.

Wheel kit for front use

Optional equipment only for front use.

Ø wheel 580mm.

Pivoting wheels.

Driveline and Gearbox

140 hp gearbox.

Gearbox stays in fixed position in the

headstock, even if offset is activated.

Free-wheel integrated into the gear box.

Lateral drive by telescopic shaft, pro-

TECTED BY A TUBE.

Rear roller

Standard equipment for reliable depth control in all conditions.

Ø 160mm with 45mm bearing hub and greasable ball bearings.

Replaceable bearing housing.

Bearing Hub integrated and interchangeable via skid.

USEFUL AND EFFICIENT FOR

KUBOTA CHOPPER SE5000 SERIES



A PERFECT CUTTING



The Kubota SE5000 series is a multi-purpose machine for chopping grass, pasture, set-aside land and stubble. By hydraulic offset the SE5000 series gives you the possibility to clear out field edges, orchards and road edges.

Hammer blades or universal Y blades with short fan blades allow a perfect shredding quality in all conditions. By offset the SE5000 series can slide 52cm; it is the ideal solution for field and farm maintenances.

In addition the wide diameter of the rotor (540mm) guarantees an excellence cut with lower power requirement.

Easy and minimal maintenance make the SE5000 series a profitable chopper.



Rotor

A strong tube 245x10mm is the basis of the rotor. Standard for universal and hammer blades.

The wide diameter of the rotor (540mm) guarantees an excellent cut with low power requirement. The counterknife and the double skin are suggested for a finer shredding result of residues and a longer working life of the frame.

Transmission

Central gearbox up to 160hp with an integrated free wheel as standard. PTO tractor input can be 540 or 1000rpm; by inverting the belt pulleys the SE5000 always keeps the same rotor rpm. 5 V-belts combined with an automatic belts tensioner ensure a smooth transmission, preventing slippage in tough working conditions. No maintenance required.

Frame

Headstock designed and tested for heavy applications. Headstock with “family” look taken from the power harrow design. Sliding tube integrated in the headstock; all forces stress are concentrated on 3 points linkage. Always standard with hydraulic offset of 54cm.

THE JOLLY OF THE CH

KUBOTA CHOPPER SE6000 SERIES



Robuste Transmission

Central gearbox up to 160 hp with double integrated free wheel as standard PTO tractor input can be 540 or 1000rpm; by inverting belt pulleys SE6000 series always keep same rotor rpm. 5 V-belts combined with automatic belts tensioner always ensure smooth side transmission, preventing slippage in toughest working conditions. No any maintenance is required.



CHOPPERS!



Double headstock

Double headstock allow front or rear mounting of the Kubota SE6000 series. Headstocks with "family" look taken from well known and proven choppers range. Sliding tube integrated in the headstock; all forces stress are concentrated on 3 points linkage.

Always standard with hydraulic offset of 54cm.

THE CHOPPER FOR SP

KUBOTA CHOPPER SE7000 SERIES



SPECIALISTS



Great versatility in all conditions

The SE7000 series range comprises Kubota's largest and toughest grass and straw choppers for heavy-duty work on set-aside land and cultivated fields. The SE7000 chopper is indispensable on grass fields or for chopping straw, stubble and other crop residues after harvesting, but also very useful for fruit farms clearing scrub and tidying pasture. The SE7000 series is available in 4 working widths covering all different requests coming from farmers.

Unique versatility and high field performance

The Kubota SE7000 series offer a unique operation versatility. The high rotor speed combined with a large number of blades increases the

cutting efficiency while reducing the input power required. A large number of blades reduces the amount to be cut by each blade, so the rotor revolves more easily and evenly.

The rotor is manufactured precisely and is dynamically balanced after the blades have been fitted; this leads to a smooth running without vibrations.

Range of accessories

The SE7000 series can be equipped with different blade types in order to fulfill all customers demands.

The skids are included in the standard configuration, wheels or roller are optionally available.

Furthermore double skin and second counterknife are optional equipments.



The hallmark of Kubota grass and straw choppers is their ability to cope with whatever is required. Whatever the size, every model is built for a variety of different tasks.

However, all models are solidly constructed throughout with a robust gearbox and very strong power transmission to the "V" belts driving the shafts. In addition, they have a strengthened chassis with double plating in the areas subjected to highest stress.

The combination with Kubota's precisely manufactured rotor shafts and hard wearing blades makes them extremely reliable. Minimal maintenance is required.

Rotor

A strong tube 245x10mm firms the basis. Standard for universal and hammer blades. The wide diameter of the rotor (650mm) guarantees an excellence cut with low power requirement.

Transmission

Central gearbox up to 160 hp with integrated free wheel as standard. PTO tractor input can be 540 or 1000rpm; by inverting the belt pulleys the SE7000 series always keeps the same rotor rpm. 5 V-belts combined with automatic belts tensioner ensure smooth transmission. No maintenance required.

THE KING OF THE CHO

KUBOTA CHOPPER SE8000 SERIES



Semi pivoting wheels (10/8.0 x 12.8 ply) as standard ensure good stability and a constant working depth of the SE8000 series during field operations.



Semi automatic linkage (Cat III) allow fast coupling of SE8000 series. In addition the floating bracket on 3rd point permit an easy control of the working depth without stressing force on the headstock.



The Kubota SE8000 series is always equipped with a double lateral transmission. External and centralized greasing points of the rotor ensure a quicker maintenance.

PPERS!



The Kubota SE8000 series chopper is designed and tested following highest farmer's requirements in terms of performance and reliability. The SE8000 series always ensures a careful work for a better quality of the residues and its easier natural decomposition. The development of this chopper

was clearly focused on huge and intensive farms; so the SE8000 series is ideal for very demanding and specialized contractors. The SE8000 series is excellent for shredding crop residues, chopping straw, maize and sunflower stalks as well as set-aside land.



Rotor

The same rotor can be equipped with either Y blades or hammer blades; in all configurations special fan blades lift the material up for a better shredding effect. The big diameter (760mm) guarantees an excellent cut with low power requirement.

TECHNICAL SPECIFIC

| Kubota Models | SE1000 series | | | | SE2000 series | | | SE2000P series | | | SE3000 series | | | | |
|---------------------------------|------------------|-----|-----|-----|-----------------|-----|-----|-----------------|-----|-----|-----------------|-----|-----|-----|-----|
| Dimensions & Weight | | | | | | | | | | | | | | | |
| Working width (cm) | 90 | 120 | 150 | 180 | 155 | 185 | 200 | 200 | 230 | 250 | 155 | 185 | 200 | 230 | 250 |
| Transport width (cm) | 110 | 140 | 170 | 200 | 175 | 205 | 220 | 220 | 240 | 250 | 177 | 207 | 222 | 252 | 274 |
| Weight (kg) | 215 | 247 | 272 | 329 | 740 | 780 | 820 | 870 | 925 | 955 | 475 | 540 | 572 | 620 | 655 |
| Blades | | | | | | | | | | | | | | | |
| No. of universal blades | 48 | 64 | 80 | 96 | 40 | 48 | 52 | 56 | 60 | 64 | 40 | 48 | 56 | 60 | 64 |
| No. of hammer blades | - | - | - | - | 20 | 24 | 26 | 28 | 30 | 32 | 20 | 24 | 28 | 30 | 32 |
| Attachment to Tractor | | | | | | | | | | | | | | | |
| Pto input speed (rpm) | 540 | | | | 540 | | | 540 | | | 540 | | | | |
| Min-Max. power requirement (hp) | 25 - 50 | | | | 45-110 | | | 70-130 | | | 35 - 80 | | | | |
| Rotor | | | | | | | | | | | | | | | |
| Rotor speed (rpm) | 1993 | | | | 2243 | | | 1996 | | | 2243 | | | | |
| Blade tip speed (m/s) | 46 | | | | 52 | | | 52 | | | 52 | | | | |
| Rotor shaft diameter (mm) | 40 | | | | 50 | | | 50 | | | 50 | | | | |
| Rotor diameter (mm) | 129 | | | | 170 | | | 170 | | | 170 | | | | |
| Cutting diameter (mm) | 386 | | | | 450 | | | 450 | | | 450 | | | | |
| Lateral transmission | | | | | | | | | | | | | | | |
| No. of belts | 2-3 | | | | 5 | | | 5 | | | 5 | | | | |
| Belt tensioner | by screw setting | | | | automatic | | | automatic | | | automatic | | | | |
| Equipment | | | | | | | | | | | | | | | |
| Offset (mm) | - | | | | 600 | | | 1200 | | | 500 | | | | |
| Rear roller | 135 mm standard | | | | 195 mm standard | | | 195 mm standard | | | 160 mm standard | | | | |
| Rear wheels | - | | | | - | | | - | | | - | | | | |
| Skids | option | | | | standard | | | standard | | | standard | | | | |



ATIONS

| SE4000 series | | | SE5000 series | | | SE6000 series | | SE7000 series | | | | SE8000 series | |
|-----------------|-----|------|-----------------|------|------|-----------------|------|---------------|------|------|------|------------------|------|
| 235 | 280 | 325 | 235 | 280 | 320 | 280 | 320 | 195 | 235 | 280 | 320 | 320 | 400 |
| 254 | 300 | 346 | 250 | 295 | 335 | 295 | 335 | 212 | 250 | 295 | 335 | 350 | 430 |
| 863 | 980 | 1080 | 1025 | 1135 | 1225 | 1220 | 1380 | 890 | 1050 | 1174 | 1302 | 1750 | 2200 |
| 40 | 48 | 56 | 56 | 72 | 80 | 72 | 80 | 48 | 56 | 72 | 80 | 120 | 152 |
| 20 | 24 | 28 | 28 | 36 | 40 | 36 | 40 | 24 | 28 | 36 | 40 | 60 | 76 |
| 540 or 1000 | | | 540 or 1000 | | | 540 or 1000 | | 540 or 1000 | | | | 1000 | |
| 60 - 140 | | | 70 - 160 | | | 90-160 | | 55 - 160 | | | | 100 - 260 | |
| 1729 - 1828 | | | 1844 - 1949 | | | 1844 - 1949 | | 1729 - 1828 | | | | 1611 | |
| 44 - 48 | | | 52 - 55 | | | 52 - 55 | | 59 - 62 | | | | 64 | |
| 50 | | | 55 | | | 55 | | 55 | | | | 60 | |
| 220 | | | 245 | | | 245 | | 245 | | | | 273 | |
| 500 | | | 540 | | | 540 | | 650 | | | | 760 | |
| 5 | | | 5 | | | 5 | | 5 | | | | 2 x 4 | |
| automatic | | | automatic | | | automatic | | automatic | | | | by screw setting | |
| 500 | | | 520 | | | 540 | | - | | | | - | |
| 160 mm standard | | | 245 mm standard | | | 245 mm standard | | 245 mm option | | | | - | |
| option (front) | | | - | | | - | | option | | | | standard | |
| standard | | | standard | | | standard | | standard | | | | 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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The Kubota logo is rendered in a teal color. It features a stylized 'K' followed by the letters 'u', 'b', 'o', 't', 'a' in a rounded, lowercase font. A registered trademark symbol (®) is positioned at the bottom right of the letter 'a'.