KUBOTA CHOPPERS
SE1001 - SE8000 SERIES
Multipurpose and Agri Choppers
VERSATILE, RELIABLE
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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Rear roller as standard.
Adjustable lower hitch.
Rotor accurately balanced for smooth running.
The Kubota SE 1001 grass chopper is a small, medium duty machine for use on slightly rough ground green areas, amenity areas, and tidying up pasture. It is available in 3 models from 1.20m working width to 1.80m. The SE 1001 is very easy to operate and requires minimum maintenance.

As well as the universal blades fitted as standard, blades for stony conditions and cup blades can be fitted on request. The SE 1001 is suitable for tractors up to 50hp. The core of the SE 1001 chopper is the rotor: fast rotation speed (1993rpm) in combination with a high number of blades make the SE 1001 a unique chopper.

As standard the SE 1001 offers a mechanical offset: the headstock can be fitted in the centre or on the left side of the chopping unit. The SE 1001 is equipped as standard with a rear roller which allows reliable cutting height control. Alternatively a pair of skids can be supplied on demand. Kubota SE 1001 - the perfect choice for green areas.
EFFICIENT WORKING IN

KUBOTA CHOPPER SE2000 SERIES
The Kubota SE2000 series is a multi-purpose 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 renew the range; the SE2000 series is one the latest development. 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 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 belts 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.
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.
VERSATILITY

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 SE8000 series) so working coverage is optimize and maximize without any overlap.

Robust and guarded. Main frame and parallelogram articulations designed according 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.
KUBOTA CHOPPER SE3000 SERIES

EFFICIENT AND DURA

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.
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.
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.
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. Versatile 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, protected 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.
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.
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.
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 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 excellent cut with low power requirement.

**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.

**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.
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.
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.
# SPECIFICATIONS

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