

Kverneland GS
Rotary Tiller



For simple and
effective soil
preparation



Kverneland GS Rotary Tiller

Simple, effective and user friendly



In a class of its own

The Kverneland GS range of high performance and multi purpose rotary tillers is built to last and give you peace of mind. They are ideally suited to meet most requirements within primary as well as secondary tillage purposes.

The robust design together with the unique rotor concept puts the Kverneland GS rotary tillers in a class of its own in terms of versatility and longevity. Furthermore with the best possible fuel consumption/tillage ratio in most conditions.

Robust Mainframe

The Kverneland mainframe is a "mono bloc" design made of high quality steel with thicknesses of 5 and 6mm respectively. This makes the rotary tiller very durable and stable against any kind of torque or stress, which it is exposed for as the central part in the tiller.



Unique rotor concept

The unique Kverneland rotor system has a flange distance of only 20cm. Compared to a common distance of 25-28cm, this gives a range of benefits:

- Higher number of blades is one of the secrets behind the very high performance of the Kverneland GS rotary tiller. Which also produces more uniform finish with less machine vibrations.
- Helical positioning of blades ensures that they enter the soil one by one. Thus keeping the tiller running smooth and stable with less horsepower consumption.
- Allows a blade design that reduces the risk of creating soil panning. A problem common to users of rotary tillers. Even the angular blade shows significant difference compared to traditional designs.
- Choice of 4 or 6 blades per flange, (not straight blades) give you the possibility to really adapt to specific tasks and conditions.





Standard rear shield

The standard Kverneland rear shield makes a great difference. The S-shaped design provides an optimal soil flow allowing you to adjust the tillage intensity. As an option, special hinged outer long side plates further ensure optimal soil. The extreme duty design consists of 6mm high steel quality material with excellent characteristics against wear and tear.

Flexi spring loaded rear shield

The sophisticated hinged and spring loaded rear cover is especially designed to meet the requirements in seed bed preparation. Especially in dry conditions this provides a great advantage in supporting the correct tillage intensity creating the right tilth. Furthermore it can provide a certain leveling capability.

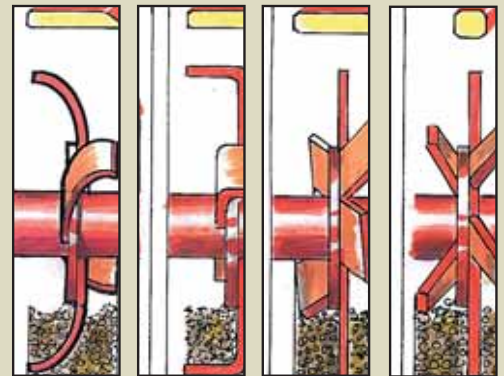


Lateral transmission

The Kverneland GS range rotary tillers are all equipped with gear driven lateral transmission, which ensures a precise and durable power drive. No need for adjustment and little need of maintenance.

The optimal sizing of the gears is essential for the slim design ensuring longevity and high performance.

Kverneland long life heat-treated steel blades



The Kverneland GS rotary tillers can be equipped with 4 different types of blades, allowing optimal adaption to any soil conditions.

- J – blades is the most versatile solution, the multi purpose choice
- L – blades provides the most intense tillage and the best cutting & mixing of crop residues, manure etc.
- Straight blades – is the seed bed preparation choice for shallow to medium working depths, the performance is outstanding.
- Spike blades – designed for use in very heavy soils



Double flanges for heavy soil conditions

Kverneland have always been a preferred choice in challenging stony conditons. The double flange which was introduced at a very early stage, is one reason for this.

The double flanges support the blade and the fixing of the bolt in such a way, that the risk of bolts coming loose is minimum. Secondly it protects the main flanges and rotor from wear.

Kverneland GS Rotary Tillers

- 3 different models

The Kverneland GS models are developed to meet the demand for any working conditions.

With different models and a wide range of options it should be possible to find the machine just for your needs and conditions.

Kverneland GS 60

- for light condition
- for tractors up to 60 HP
- blade thickness: 8mm
- working widths: 150, 180, 200cm

Kverneland GS 80

- for medium condition
- for tractors from 40 to 80 HP
- blade thickness: 8mm
- working widths: 155, 175, 200cm

Kverneland GS 120

- for medium to heavy conditions
- for tractors up to 120 HP
- blade thickness: 8 or 12mm
- working widths: 235 and 285cm



Kverneland GS 60

- for tractors up to 60 HP



The Kverneland GS 60 is built for primary tillage. All kinds of horticultural and market gardening work, mechanical weed control in light to medium conditions and for other agricultural use.



The headstock is very robust because the monobloc frame is made from high grade steel.

The drive line is with a disc clutch. An automatic clutch is available as option.

Optional equipment available, see specifications and pages 10 and 11.

Technical Specifications:

Model	Working width cm	Max. HP	Type of blade				Weight (kg)				Type of gearbox			
GS 60	150	30 to 60	x	x	x	x	280	300	-	-	x	-	-	-
	180		x	x	x	x	335	355	-	-	x	-	-	-
	200		x	x	x	x	370	390	500	505	x	-	-	-

The Kverneland GS 60, 200 is available with different rollers. Double flanges for rotor are available for all models.



Kverneland GS 80

- for tractors up to 80 HP



The simple design is refined to fulfill all your needs today and tomorrow. Inspection and maintenance is very easy to carry out. Optional equipment available, see specifications and pages 10 and 11.



The Kverneland GS 80 is built for primary tillage, all kinds of horticultural and market gardening work, mechanical weed control in all crops/conditions and for other agricultural use.

Technical Specifications:

Model	Working width cm	Max. HP	Typ of blade				Weight (kg)				Typ of gearbox			
GS 80	155	40 to 80	x	x	x	x	580	600	-	-	x	-	x	-
	175		x	x	x	x	610	630	-	-	x	-	x	-
	200		x	x	x	x	650	670	780	805	x	-	x	-

The Kverneland GS 80, 200 is available with different rollers.

Double flanges for rotor are available for all models.

A special version, GS 80 CV, is available with 4-speed gearbox with manual inversion of gears.



Kverneland GS 120

- for tractors up to 120 HP



This is a real robust and versatile rotary tiller made to match the needs from most horticulture, market gardening and agriculture. Suitable for a multitude of operations and preparing a superb seedbed for any crop type.

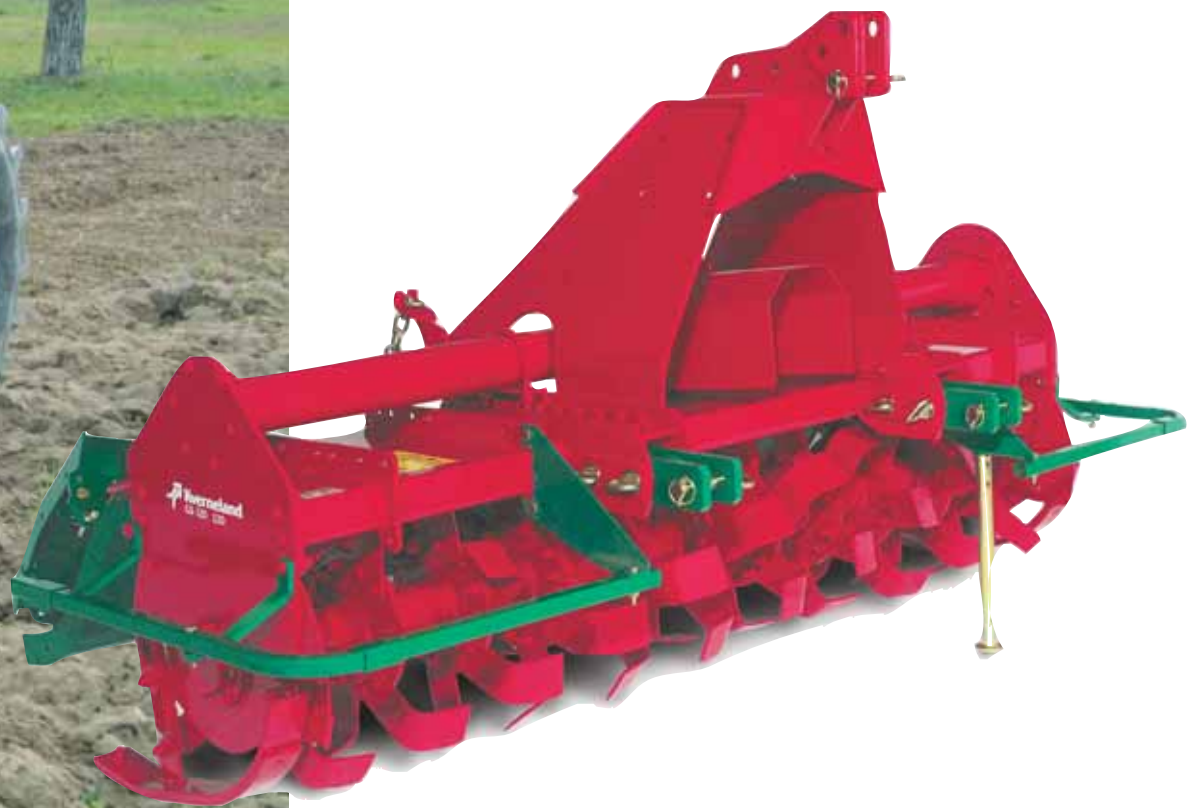
A variety of gearboxes and different equipment enables configuration of machines to suit specific individual requirements and cropping systems.





The heavy duty design of the headstock, the whole chassis, the gearboxes, the transmission and the rotor make these models well prepared for many years of arduous work.

The Kverneland GS 120 can be equipped with a wide range of optional equipment, see specifications.



Technical Specifications:

Model	Working width cm	Max. HP	Type of blade				Weight (kg)				Type of gearbox			
GS 120	220	up to 120	x	x	x	x	875	895	910	1095	x	x	-	-
	235		x	x	x	x	885	915	935	1145	x	x	-	-
	285		x	x	x	x	955	975	1005	1350	x	x	-	-

All models are available with different rollers, track eradicators, seed drill attachment and double flanges for rotor.

A special version, GS 120 CV-3, is available with 3-speed gearbox with lever change.

Four different gearboxes – for all tractor sizes and all conditions

The Kverneland GS models can be equipped with four different gearboxes. All four are constructed for the specifications given and are well proven for this kind of operations. Very robust construction ensure hard work for years with minimum maintenance.

The wide choice of gearboxes, makes it easy to find the correct gearbox just for your tractor and soil conditions.



1. Gearbox, 3-Speed

Gearbox with lever change makes it easy to change the speed of the rotary tiller as required.



2. Gearbox, 4-Speed

Gearbox with manual inversion of gears to change rotor speed.



3. Gearbox, 1-Speed

Simple 1-speed gearbox.



4. Gearbox, 2-Speed

A really robust 2-speed gearbox for the largest machines and toughest conditions.

Technical Specifications:

Model	GS 60		GS 80		GS 80 CV		GS 120		GS 120 CV-3	
Gearbox	1-speed		1-speed		4-speed		1-speed		3-speed	
Speed	540		540	1000	540	1000	540	1000	540	1000
1			234	-	199	-	239	278	239	235
2			-	-	222	-	-	-	271	304
3			-	-	248	-	-	-	309	344
4			-	-	276	-	-	-	-	-

Options to suit all requirements and all types of soil conditions

The Kverneland Rotary Tillers can be equipped with packer roller or cage roller, a must in seedbed preparation. Robust construction with infinitely variable depth adjustment guarantees a perfect seedbed regardless type of soil. Strong, easily adjustable scrapers on the packer roller, ensure effective packing even in wet and sticky conditions.



Drill attachment

The Kverneland GS 120, 235 and 285 cm models can be supplied with a seed drill attachment for fitting most seed drills. With this combination, seedbed preparation and drilling is completed in one operation.



Track eradicators

Some GS 120 models can be equipped with spring loaded track eradicators for eliminating wheel compaction.



Rear depth wheel

Helps achieving an exact working depth when the rotary tiller is used without a roller.



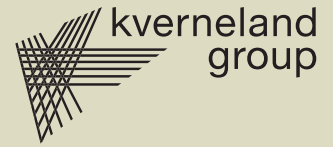
Front steel wheel.

A must for front-mounted rotary tillers.



Lateral disc coulters

To increase the working width by up to 15cm.



Kverneland Group

Kverneland Group is a leading international company developing, producing and distributing agricultural machinery and services.

Strong focus on innovation allows us to provide a unique and broad product range with high quality. Kverneland Group offers an extensive package aimed at the professional farming community, covering the areas of soil preparation, seeding, forage and bale equipment, spreading, spraying and electronic solutions for agricultural tractors and machinery.



Original Spare Parts


Kverneland Group spare parts are designed to give reliable, safe and optimal machinery performance - whilst ensuring a low cost life-cycle. High quality standards are achieved by using innovative production methods and patented processes in all our production sites.

Kverneland Group has a very professional network of partners to support you with service, technical knowledge and genuine parts. To assist our partners, we provide high quality spare parts and an efficient spare parts distribution worldwide.



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