



**AMAZONE**

# Groundkeeper





# The right choice for professionals





## Groundkeeper – the high-performance mower, scarifier and collector

It does nothing but impress with its high output, quality of work and robustness!



# Groundkeeper

## Versatile and efficient

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[www.amazone.tv](http://www.amazone.tv)



# The Groundkeeper works the whole year round

## Mowing, scarifying, collecting, shredding and rolling in one pass with the AMAZONE Groundkeeper

The Groundkeeper will, without fail, always impress thanks to its exceptional mowing qualities and collection capabilities. No matter, whether it is about regular or occasional mowing, the Groundkeeper performs, even under the most demanding of maintenance situations; picking up the cuttings every time with its customary efficiency.

The Groundkeeper's versatility makes it a reliable helper all year round. In spring, you can use it to scarify and mow grass on sports fields and golf courses without going round twice. In summer, your Groundkeeper will take on the intensive and extensive maintenance of all types of green areas, whereas in the autumn, it will pick up leaves, however high they are piled up. The rugged, reliable Groundkeeper produces high quality work, and has been the ideal assistant to professional turf care for decades.

### The benefits at a glance

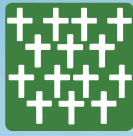
- ⊕ SmartCut exact cut rotor with V-shaped knife arrangement for an improved cutting and collecting performance at a reduced noise level. Mowing in any weather, even in damp grass. Start early in the morning without hesitation!
- ⊕ Blade change without tools – quick, simple and safe!
- ⊕ Versatile operation, all year round:
  - Spring – scarifying
  - Summer – mowing
  - Autumn – leaf collection
- ⊕ Less time-consuming emptying: the maximum capacity of the collecting hopper is utilised due to the thorough shredding of the cut material.
- ⊕ Even tin cans, horse droppings and other rubbish can be collected.
- ⊕ High-level discharge up to 2.3 m for quick emptying into lorries or trailers – comfortable discharge to wherever you want.







Parks



Cemeteries



Golf courses



Green spaces in residential areas



Lawns



Sport fields



Campsites



Paddocks





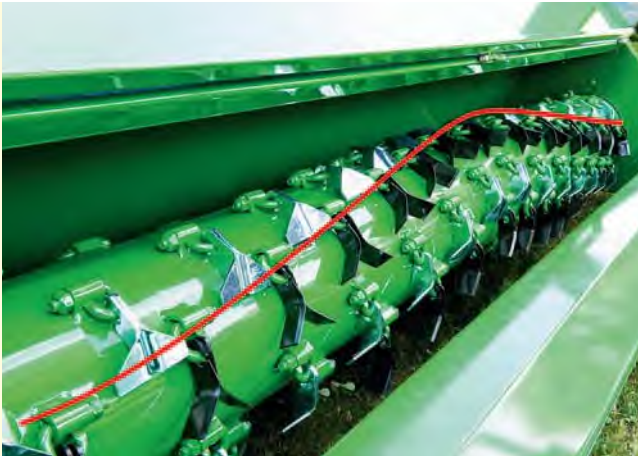
# Outstanding cutting and collecting quality

Mowing in any weather, even when the grass is wet



Cross section

- ⊕ The action of the large diameter rotor creates an airflow giving the AMAZONE Groundkeeper excellent collecting capabilities with the rotor's 2,650 rpm speed giving first class results.



- + **SmartCut exact cut rotor**  
 With the new SmartCut rotor, AMAZONE has made an important step forward which further enforces the efficiency and environmental friendliness of their Groundkeeper models.

## Useful all year round, whatever the circumstances

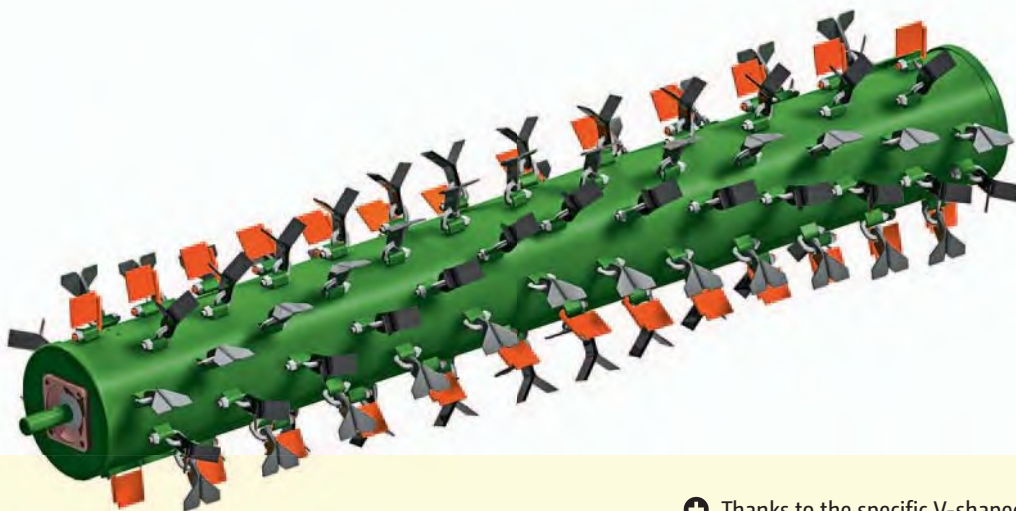
With the AMAZONE Groundkeeper you will be able to deal with large areas that are in grass all year round. Depending on the level of equipment you choose to meet your requirements, it will mow, collect and scarify however wet the material, and irrespective of how long the area has been left for.

Its unique mowing system is as effective for use in intensive maintenance, such as for achieving a high-quality lawn finish as it is for areas that are cut just once a year.

The outstanding feature of the SmartCut exact cut rotor is the special v-formation blade arrangement which leads to both a reduced fuel consumption and noise level.

Due to the high suction effect provided by the SmartCut rotor, the Groundkeeper can also be used for collecting already mown grass, leaves, debris, acorns, chestnuts etc.

The benefits of the SmartCut rotor, with its V-shaped knife arrangement are obvious in comparison with the rotor technology so far, where the cutting knives are arranged linearly in rows. Because the knives, when arranged in a V-shape, do not pass the shear bar simultaneously but in very short intervals one after the other, they convey the cut material better in the direction of the rotor centre, resulting in less lateral air turbulence and, because of this, in an additional improvement in the collecting performance. Also the noise level is reduced by 5 dB, clearly reducing the sound pressure level at the driver's ear.



Side view of the rotor



- + Thanks to the specific V-shaped arrangement of the knives, the fuel consumption and the noise level from the rotor are significantly reduced.



# Efficient maintenance of all green spaces with the **AMAZONE** Groundkeeper







⊕ Groundkeeper SmartCut GHL-T 1500 with three-point linkage



⊕ Groundkeeper SmartCut GHS Drive 1800 with drawbar

## Standard execution:

- ⊕ 50% H 77 long, sharpened wing blades, 50% mowing blades
- ⊕ Infinitely variably height adjustable support roller and with scrapers
- ⊕ Mulch flap
- ⊕ Castor wheels
- ⊕ Stone-protection flaps and guard tube offer accident prevention

- ⊕ PTO shaft with over-run clutch
- ⊕ Collection hopper with hydraulic ground level discharge and stone guard plate
- ⊕ Fill level indicator
- ⊕ Adjustable lower linkage

## Comfortable emptying via the high-level discharge emptying

The working principle of the Groundkeeper: Mowing, collecting, chopping and rolling in one pass. The knives finely chop the grass resulting in a reduction of the composting time. The hopper contents can be easily and comfortably emptied from the tractor cab for composting.



⊕ Compacted, cut material in the collection hopper



# Mowing and mulching



The Groundkeeper mows and collects whatever the height and moisture content of the material. Its large rotor and the fact that it is not affected by litter makes it ideal for the extensive maintenance of all green spaces such as, for example, the maintenance of wild flower meadows.

The combination of reversible mowing blades and sharpened wing cutting blades offers the well balanced combination of little wear and of excellent mowing and collecting performance. This specification is standard on all models from the Groundkeeper range.



## + Simple tool-less changeover to mulching

For the first time over, the Groundkeeper can be used without collecting, so that seeds and nutrients can get back into the ground. A second pass a few weeks later will further process the clippings, working the important nutrients back into the soil helping to enrich it.



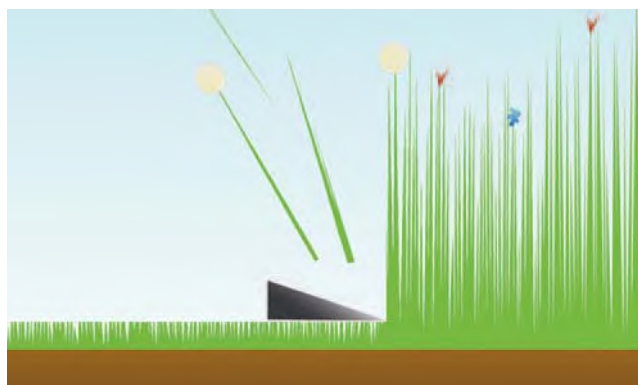


## The Groundkeeper: combining the advantages of all mowing systems



### Standard lawn-mowing systems

cut the stems of herbaceous plants with the principle of limiting their growth. This operation therefore has to be performed regularly.



### Standard grass-cutting systems

cut off the complete stem at its base. A further operation is required to process the clippings produced into a more manageable length.

## Mowing and shredding

The AMAZONE Groundkeeper cuts the plant at its base, and then chops it into several pieces which are either gathered up or allowed to fall to the ground. It combines the advantages of mowing and mulching systems in a single machine that will adapt to meet your requirements when managing your green areas.

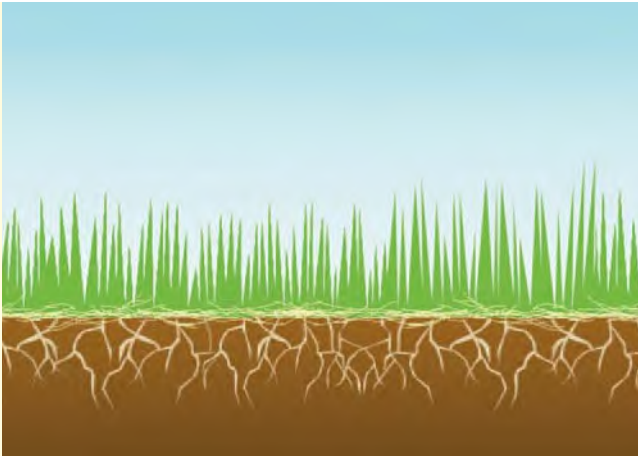




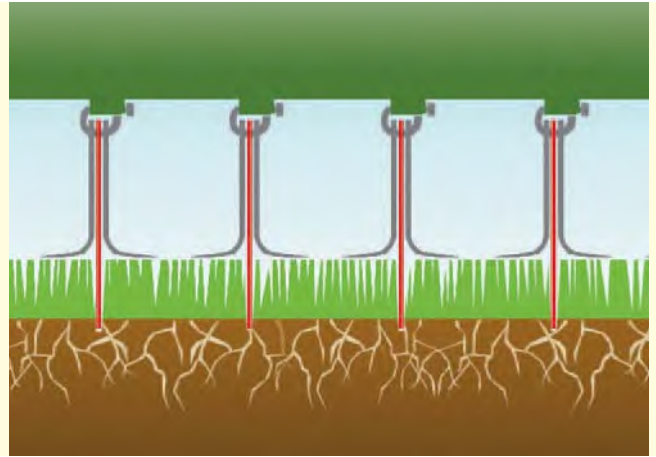
# Scarifying







⊕ Lawn thatch and moss suffocate a lawn



⊕ The combination of H60 sharpened wing blades and scarifying blades regenerate the lawn to leave a clean finish

### Why scarify?

The formation of a layer of thatch hampers the natural growth of the lawn. Tight mowing intervals without collecting, a poor rotting of leaves and the remainder of clippings or the formation of moss all serve to suffocate the lawn; they prevent water, nutrients and air from getting into the soil and reaching the roots.

The AMAZONE Groundkeeper frees your lawn from thatch and even collects it in the same pass.



⊕ Healthy soil structure is promoted by trouble-free scarifying with the AMAZONE Groundkeeper

### Easily disposes of lawn thatch and moss

The soil structure can be improved and renewed by carrying out a trouble-free scarifying with the AMAZONE Groundkeeper. Scarifying blades, fitted to the rotor penetrate 1 to 2 mm into the turf, breaking up the upper earth layer, cutting off parasitic plants and thinning out the lawn surface. Lawn thatch is combed out, collected and simultaneously the soil is rolled. The combination of mowing and scarifying blades results in an especially good suction effect.



⊕ Tool-less conversion to scarifying – and done in seconds



# Collecting



- + Optimum collecting and shredding of the leaves from the combination of the H77 long wing blades and scarifying knives







## Free your green spaces from the grip of autumn with the AMAZONE Groundkeeper

Thanks to its excellent collection capabilities, the AMAZONE Groundkeeper collects leaves, cuttings, acorns and chestnuts. Its robust rotor is insensitive to foreign objects.

A carpet of dead leaves is often a source of problems for green area management. It smothers the grass, encouraging the spread of moss and fungus. It is also slippery, constituting a real danger for traffic.

The rotor's high rotational speed, plus the combination of sharpened wing blades and scarifying blades make the Groundkeeper a highly efficient means of collecting, even in damp conditions.

The finely shredded clippings speed up the composting process, facilitating easier recycling.





# HorseHopper

Well-cared for paddocks lead to healthy horses!



⊕ The perfect maintenance of your paddocks!





- ⊕ HorseHopper HH 1500  
1.5 m working width, 1,500 l hopper capacity

- ⊕ HorseHopper HH 2100 Super  
2.1 m working width, 2,100 l hopper capacity

## Better hygiene and optimised paddock use

The most effective means of better paddock hygiene is ensuring the regular collection of all horse droppings. Raking paddocks just distributes the excrement along with any prevailing parasites and the proportion of rank grass patches is increased. Whereas, with the HorseHopper, those poorer areas, including metre high thistles, are perfectly mown and collected together with the horse droppings, allowing for a more intensive paddock use.

- ⊕ Collecting horse droppings
- ⊕ Mowing of rank grass patches and thistles
- ⊕ Mowing grass and collecting
- ⊕ Scarifying and collecting
- ⊕ Collecting leaves

## Standard execution:

- ⊕ 3-point linkage tractor mounted Cat. I and II
- ⊕ Short, sharpened H 60 wing blades in combination with scarifying knives
- ⊕ Step-less height adjustable support roller with scraper
- ⊕ Mulch flap
- ⊕ Castor wheels
- ⊕ Stone-protection flaps and guard tube offer accident prevention
- ⊕ PTO shaft with over-run clutch
- ⊕ Collecting hopper with hydraulic ground-level emptying, internal stone guard plate and air cowling
- ⊕ Fill level indicator



- ⊕ HorseHopper 2100



# Well thought-out in every detail



⊕ Ground level discharge or high level discharge up to 2.3 m depending on the type of machine.



⊕ With the support roller an even cutting height and an excellent ground contour following with the mower is achieved. Rolling with the support roller helps to increase the toughness of the lawn.



⊕ The airflow detector expels the air, as well as any dust stirred up by mowing, from the back of the machine – improving the operating conditions for both the driver and the tractor (Option).

⊕ The cutting height on all models can be quickly readjusted at any time to suit the type of work being performed.





⊕ The hopper protection hood helps protect the hopper from being damaged by stones or other foreign bodies.



⊕ Electro-hydraulic controls means that fewer hydraulic connections are required on AMAZONE Groundkeeper GHD, GHS and GHS Drive models (Option).



⊕ Road transport



⊕ Adjustable lower linkage: for some tractors, the extended lower links provide an improved PTO shaft angle.



# The mowing deck

Versatile, robust and safe



⊕ Replacing the knives ...



⊕ ... without tools, easily and quickly

## Blade selection



H77 long wing blades



Cutting blades



H60 wing blades



Scarfing blades  
(2 mm or 3 mm)



Combination of cutting blades  
& scarfing blades

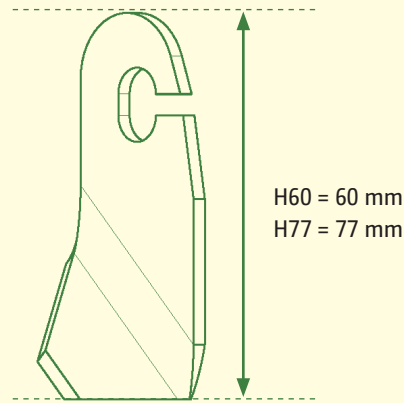
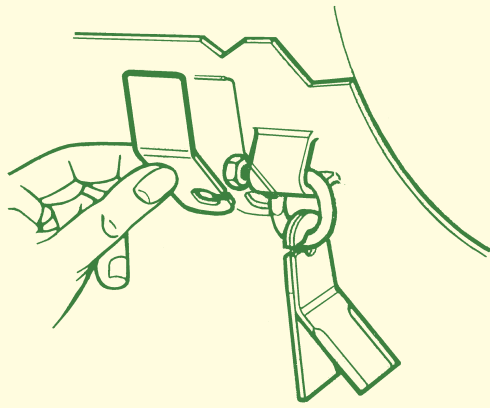


Combination of H77 long wing  
blades & scarfing blades



Combination of H60 wing  
blades & scarfing blades




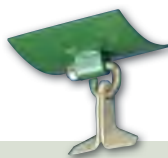




⊕ Tool-less quick-change system for blades

⊕ A specific blade for each application

The large diameter of the rotor prevents grass becoming caught up. The high wear-resistant qualities of the knives result in little wear. The knife system is insensitive to foreign objects as all the knives are attached separately. The knives are suspended on the rotor via special hooks. They can be turned round and replaced without tools. A high quality cutting performance is achieved over the entire working width.

All important components are quickly and easily accessible, resulting in effective maintenance ensuring a long life span at minimum expense. Cleaning and maintenance operations can be performed quickly and easily.

				
Blade selection	50% cutting blades 50% H77 sharpened wing blades (standard execution)	H77 sharpened wing blades	H60 sharpened wing blades and scarifying blades	Scarifying blades
Lawn maintenance	●●●●	●●●●		
Golf course maintenance	●●	●●●●		
Maintenance of parks	●●●●	●●		
Maintenance of public green spaces	●●●●	●●	●●	
Mowing wild flower meadows and meadow restoration	●●		●●●●	
Leaf collection	●●●● + Scarifying blades 3 mm		●●●●	
Scarifying			●●●● 3 mm	●●●● 3 mm
Scarifying golf courses/ large grass areas			●●●● 2 mm	●●●● 2 mm
Paddock maintenance	●●●● + Scarifying blades 3 mm		●●●●	

●●●● very good result

●● good result



# AMAZONE – always in your vicinity

Your satisfaction is our challenge







## The satisfaction of our customers is the most important objective

For this we rely on our competent sales partners. Also for service queries they are the reliable contact partner for farmers and contractors. Due to continuous training, our sales partners and service technicians are always up to date when it comes to looking after the state of the art technology.

## We provide you with a first class spare parts service

The basis for our worldwide spare parts logistics is the central spare parts depot at our headquarters in Hasbergen-Gaste. This ensures the maximum availability of spare parts, even for older machines.

Parts which are available in our central spare parts depot in Hasbergen-Gaste, ordered up until 17.00 hours, are dispatched the same day. 25,000 different line items of spare parts and wearing metal are located in our highly modern store and daily, up to 800 orders are sent to our customers.

## Better to choose the original right from the start

Your equipment is exposed to extreme demands. The quality of AMAZONE spare parts and wearing metal offers you the reliability and safety necessary for the efficient maintenance of any green spaces.

Only original spare parts and wearing metal are perfectly matched to AMAZONE machinery in their functionality and durability. This ensures the optimum operational performance. Original parts at a fair price pay off in the end.

Therefore, decide in favour of AMAZONE original technology!

### The advantages of original spare parts and wearing metal

- ⊕ Quality and reliability
- ⊕ Innovation and efficiency
- ⊕ Immediate availability
- ⊕ Higher resale value of the used machine



**Choose the Original  
Choose Success!**

VDMA campaign:  
Pro-Original



## Groundkeeper technical data:

### Three-point linkage mounted machines

Model	Working width	Tractor requirement*	Hopper capacity	Weight	Dimensions L x W x H (m)
GH 1350	1.35 m	20 kW/27 HP – Cat. I N, I	1,350 l	570 kg	1.80 x 1.75 x 1.48
GH 1500	1.50 m	25 kW/34 HP – Cat. I, II	1,500 l	600 kg	1.80 x 1.90 x 1.48
GH 1800	1.80 m	30 kW/40 HP – Cat. I, II	1,800 l	660 kg	1.80 x 2.20 x 1.48
GH 1800 Super	1.80 m	30 kW/40 HP – Cat. I, II	1,800 l	690 kg	1.80 x 2.20 x 1.48
GH 2100 Super	2.10 m	40 kW/53 HP – Cat. I, II	2,100 l	760 kg	1.90 x 2.50 x 1.48

*With ground-level discharge*

GHL 1500	1.50 m	40 kW/53 HP – Cat. I, II	1,800 l	690 kg	1.97 x 1.90 x 1.62
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*High-level discharge up to 1.90 m tipping height*

GHL-T 1350	1.35 m	20 kW/27 HP – Cat. I N, I	1,400 l	750 kg	1.94 x 1.75 x 1.58
GHL-T 1500	1.50 m	25 kW/34 HP – Cat. I, II	1,550 l	780 kg	1.94 x 1.90 x 1.58

*High-level discharge up to 1.80 m tipping height – permissible road speed 25 km/h*

GHS 1500	1.50 m	25 kW/34 HP – Cat. I, II	2,500 l	970 kg	2.60 x 1.90 x 1.65
GHS 1800	1.80 m	35 kW/47 HP – Cat. I, II	3,000 l	1,000 kg	2.60 x 2.20 x 1.65
GHS 2100	2.10 m	45 kW/60 HP – Cat. I, II	3,500 l	1,040 kg	2.60 x 2.50 x 1.65

*High-level discharge up to 2.20 m tipping height – permissible road speed 25 km/h*

### Trailed machines with drawbar

Model	Working width	Tractor requirement*	Hopper capacity	Weight	Dimensions L x W x H (m)
GHD 1500	1.50 m	25 kW/34 HP	1,800 l	900 kg	3.30 x 1.90 x 1.58
GHD 1800	1.80 m	30 kW/40 HP	2,200 l	950 kg	3.30 x 2.20 x 1.58

*High-level discharge up to 2.10 m tipping height – permissible road speed 25 km/h*

GHS Drive 1500	1.50 m	25 kW/34 HP	2,500 l	1,030 kg	3.55 x 1.90 x 1.70
GHS Drive 1800	1.80 m	35 kW/47 HP	3,000 l	1,130 kg	3.55 x 2.20 x 1.70
GHS Drive 2100	2.10 m	45 kW/60 HP	3,500 l	1,240 kg	3.55 x 2.50 x 1.70

*High-level discharge up to 2.30 m tipping height – permissible road speed 30 km/h*

Illustrations, content and technical data are not binding!  
Machine illustrations can vary due to country-specific traffic legislation.

\* Tractor mounting: the indicated max. horsepower corresponds to the max. permissible output at the PTO shaft



#### AMAZONE S.A. Forbach

B.P. 90106 · 17, rue de la Verrerie · F-57602 Forbach Cedex  
Tél. +33 (0)3 87 84 65 70 · Fax +33 (0)3 87 84 65 71  
www.amazone.fr · E-Mail: forbach@amazone.fr