



AMAZONE

Mounted and trailed mowers ***GH***

Mounted mower ***HH***



Welcome to the world of modern green space maintenance: The GH and HH from AMAZONE



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Maintaining green spaces with the GH and HH from AMAZONE

Whether it is well-kept green spaces in parks, lush grass in football stadiums, open grassy areas on campsites or around the swimming pool, high-quality riding stables and golf courses - professional lawn care and landscape maintenance can quickly become the focal point of any leisure facility, be it perfectly mown lawns in summer or diligently collected leaves in the autumn.

The GH and HH mowers from AMAZONE master all these tasks with high efficiency and reliability – no matter whether you are cutting and scarifying lawns, or collecting leaves, horse droppings or rubbish such as discarded drinks cans. Simple and convenient operation that ensures a perfect quality of cut every time. Day after day, in continuous use from morning to night, in all weathers, in short or long grass, in dry or wet conditions – the reliable solution to professional green space management.

The concept for GH and HH

High efficiency and flexibility that work together in all conditions

1. Quick attachment via the three-point linkage for the HH, GH, GH-LT, GH-S or drawbar for the GH-S Drive



Product range	HH	GH	GH-LT	GH-S	GH-S Drive
Working width (m)	1.50–2.10	1.35–2.10	1.35–1.50	1.50–2.10	1.50–2.10
Hopper capacity (l)	1,500–2,100	1,350–2,100	1,400–1,550	2,500–3,500	2,500–3,500
Tractor mounting and emptying	Three-point linkage with ground level discharge	Three-point linkage with ground level discharge	Three-point linkage with support wheels and high-lift discharge	Three-point linkage with support wheels and high-lift discharge	Drawbar with running gear and high-lift discharge

2. Large hopper with a capacity of 1,350 l to 3,500 l which can be emptied either at ground level or, with high-lift discharge, at a height of up to 2.3 m



3. Fine flail mower with the SmartCut exact cut rotor for low-noise mowing

4. Single or double swivel wheels at the rear for GH-LT, GH-S and GH-S Drive for optimum ground contour following

GH and HH mounted and trailed mowers



MORE INFORMATION
www.amazone.net/gh



PRODUCT FILM
Find out more



1,350 to 3,500 l
hopper capacity



Cutting widths
from 1.35 to 2.10 m



Working speeds
of up to 11 km/h

High work rates and a perfect quality of cut all year round

The GH and HH mowers from AMAZONE are the high output solution for modern lawn maintenance. No matter whether you are cutting and collecting, scarifying or mulching grass, or collecting leaves, horse droppings and rubbish, the all-year-round machine offers flexible application options with perfect results throughout the year.



OUTPUT

High performance!

Ideal for professional lawn maintenance thanks to the wide cutting width and large hopper capacity.

The all-year-round machine – high output with the blockage-free SmartCut cutting deck, even in damp conditions or long grass.



FLEXIBILITY

Flexible!

Flexible scope of application - from mowing, scarifying and mulching to collecting leaves, horse droppings, rubbish and other debris.



COMFORT

User-friendly!

Simple, tool-less blade replacement thanks to the quick-change system and easy access to the cutting deck.

Fatigue-free working

Mower with SmartCut exact cut rotor

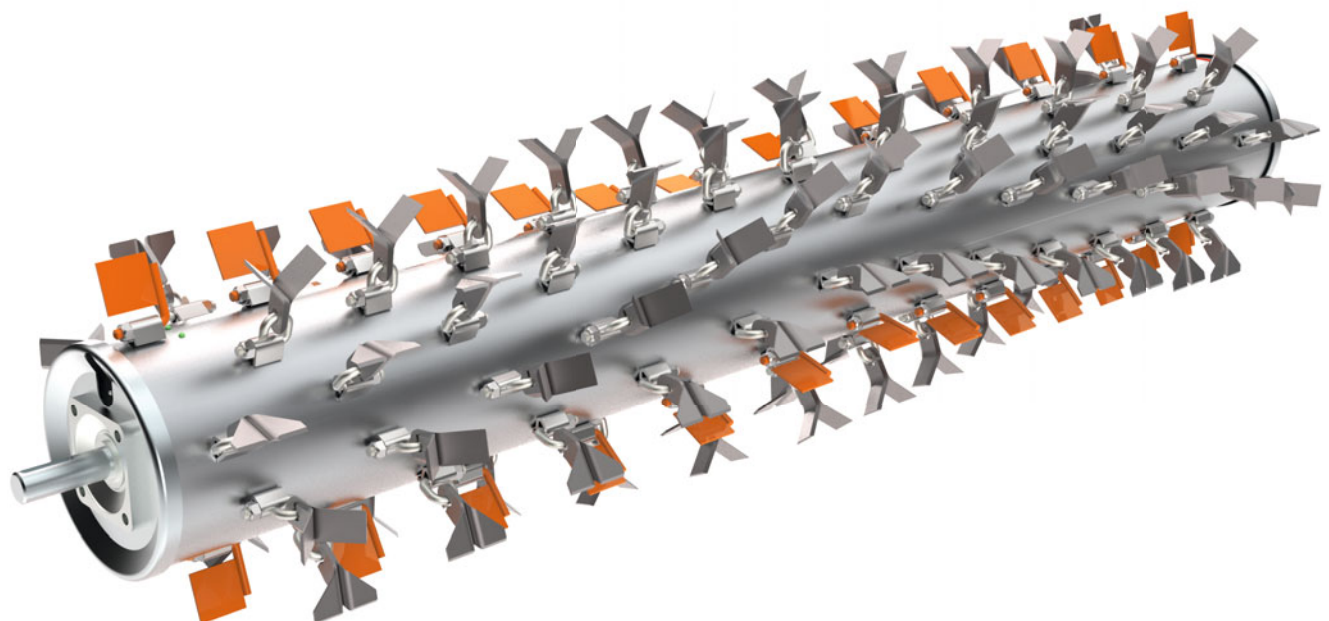
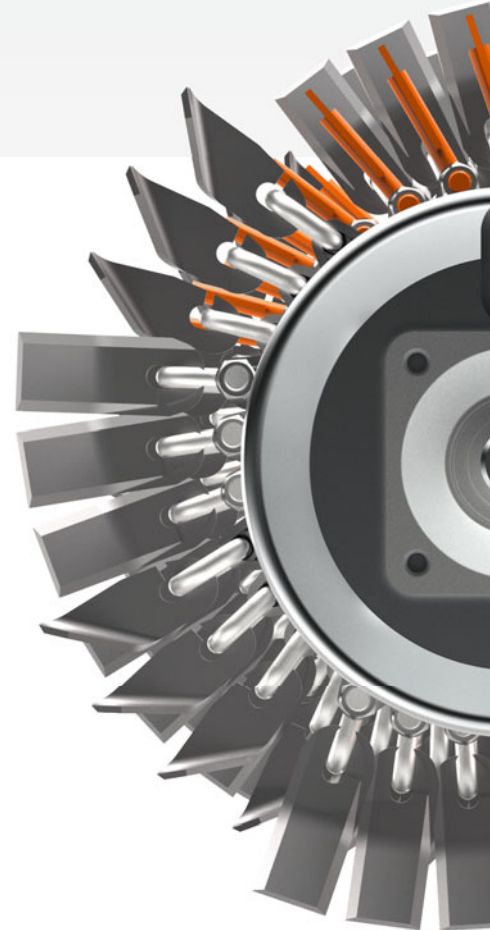
Seeking out alternative methods: AMAZONE, with this mower, helps your business forge ahead. Award-winning engineered solutions ensure perfect green space management.

Mower with SmartCut exact cut rotor: the heart of the mower

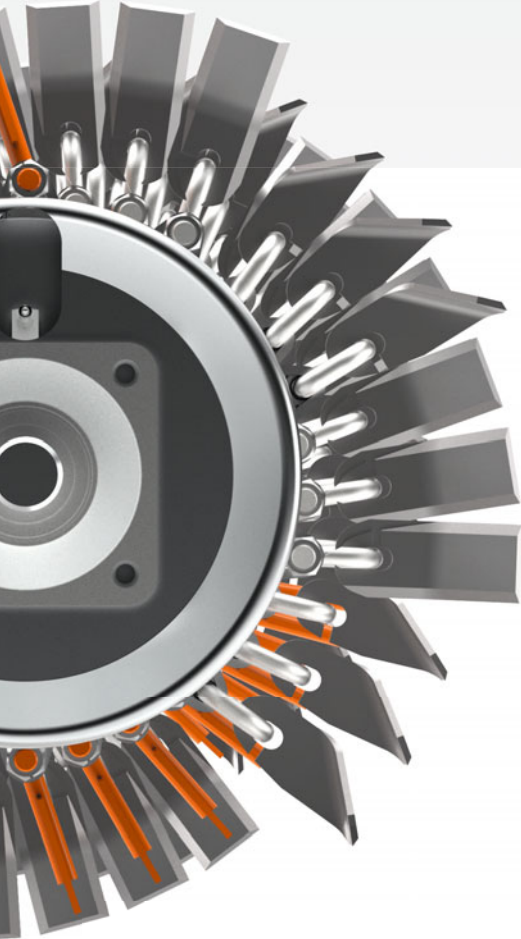
In contrast to conventional cylinder mowers or rotary mowers, the GH and HH fine flail mowers offer a significantly improved quality of cut and a higher output yet with a substantially reduced noise level.

The wing blades on the SmartCut exact cut rotor – arranged in a chevron formation – tirelessly cut the material at the set cutting height with millimetre precision. The cuttings – grass, wild flowers, leaves or other material – are blown into the hopper by the air flow generated by paddles on the rotor.

The hopper on the GH can hold up to 3,500 litres of cuttings. This means even less downtime, even more convenience and comfortable working.



The GH's SmartCut exact cut rotor is equipped with sharpened wing blades and air paddles arranged in a chevron formation



The air flow carries the cuttings into the large collection hopper. A guide plate inside the hopper protects the front of the hood against stone impact. This prevents damage to the machine.

The mulch function can be optionally activated via a lever on the GH and GH-LT, or via the tractor hydraulics on the GH-S and GH-S^{Drive}. The shredded cuttings remain left on the sward surface in this mode.

The benefits

- ✓ Precise mowing using durable technology
- ✓ Reliable conveyance of the cuttings via the air flow generated by air paddles on the rotor



As an option, a wear plate can be fitted to the mower frame to compensate for the high loads placed when working under very aggressive conditions such as scarifying sandy ground

Large hopper, quickly emptied

High-lift discharge





Convenient emptying

The high-lift discharge enables safe emptying into tall containers. The GH-LT can be emptied at a height of up to 1.8 metres, the GH-S at a height of up to 2.1 metres and the GH-S Drive at a height of up to 2.3 metres. The pivot point is positioned as far back as possible, so that tall containers can be fully filled – and comfortably from the tractor seat via the 3 buttons on the electro-hydraulic control unit.

A lock on the hydraulic cylinder ensures safety when working on the rotor or collection hopper under the raised hopper. All components are easy to get at for cleaning.



The optional, electro-hydraulic control unit on the GH-LT, GH-S and GH-S Drive models allows all hydraulic functions to be easily controlled.



Emptying the hopper into high sided trailers or into taller containers is possible up to a height of 2.3 metres

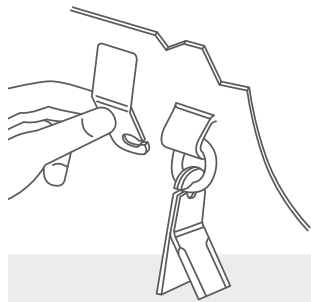
Quick and easy

Replacement of the blades without tools



Different blades are available for individual applications

The long-life qualities of the blades result in little wear. In addition, the blade system is resistant to foreign obstacles because each blade is independently suspended.



Examples		50% reversible mowing blades + 50% wing blades long H77 sharpened	100% H77 long sharpened wing blades	100% wing blades extra long H88 sharpened	100% scarifying blades	Combination of 100% H60 sharpened wing blades and scarifying blades
Mowing of wild flowers and ecologically sensitive meadows (biotope, annual mowing, fallow land)	In dry conditions	● ● ●	● ●			● ● ●
	In wet conditions	● ● ●	● ● ●			● ● ●
Lawn mowing, park maintenance	In dry conditions	● ● ●	● ●			
	In wet conditions	● ● ●	● ● ●			
Golf course, lawn and sports ground maintenance	In dry conditions	● ●	● ● ●	● ●		
	In wet conditions	● ●	● ● ●	● ● ●		
Close cutting and dethatching lawns						● ● ●
Paddock maintenance						● ● ●
Leaf collection	In dry conditions	● ●	● ●			
	In wet conditions	● ●				
Scarifying and collecting in just one pass					● ●	● ● ●
Scarifying golf courses, sports grounds or turf farms					● ●	● ● ●

● ● ● very good result

● ● good result

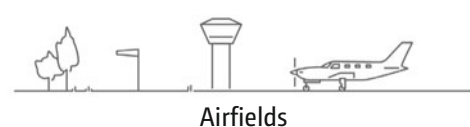
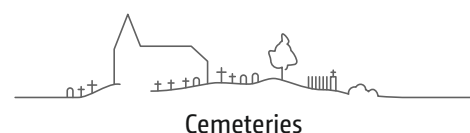
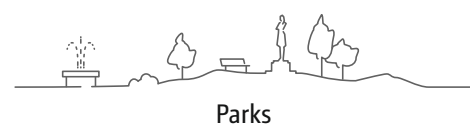
Other combinations possible

The all-seasons machine

Wide range of applications

The versatility of the GH and HH makes them perfect for maintaining parks, cemeteries, residential areas, lawns or camp sites thus ensuring efficient machine utilisation. This is further enhanced by the facility for leaf collection.

The GH and HH are also suitable for the maintenance of high-quality grassed areas such as golf courses, paddocks and sports facilities. Their wide range of application and high efficiency mean that the machine can be operated very economically.



The precision cut

Mowing and mulching

The mowing and scarifying system from AMAZONE

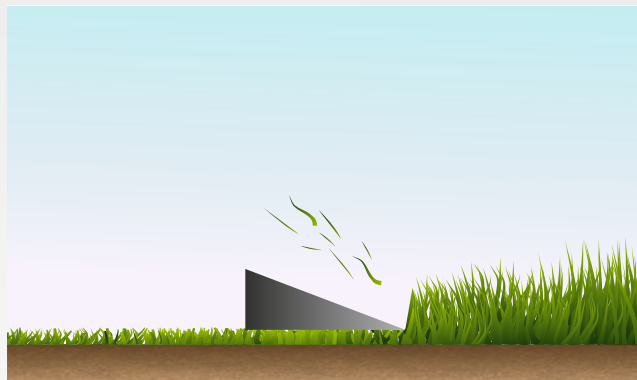
The GH and HH mowers do a great job in almost all weathers and vegetation conditions. The tried-and-tested AMAZONE mowing and scarifying system guarantees well-kept green spaces. Whether the sun is shining, or the early morning dew is still on the grass – work can begin. It makes no difference to the mowers whether the grass is wet, exceptionally tall or thick – they always achieve first class results.

The large rotor diameter and tolerance of foreign objects mean that they are perfect for the extensive maintenance of large areas of grass. The combination of reversible mowing blades with 2 cutting edges and sharpened wing blades offers a perfect balance of low wear and excellent mowing and collecting performance. The cuttings are finely shredded by the blades. This reduces composting time.



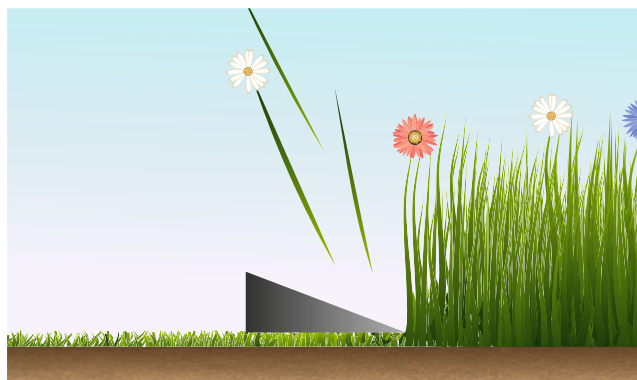
Mowing

Mowing means cutting off the blade of grass with a cutting device. The aim is to limit the growth of the grass. This operation therefore must be performed regularly.



Cylinder mowing

With a rotary mower, the plant is cut off at the base in one piece. A second operation is required to further process the cuttings.



Mowing and shredding

The GH and HH cut the plant off at the base and then shred it into several pieces. These are either collected or allowed to fall to the ground. They combine the advantages of mowing systems and rotary systems in a single machine. The GH and HH can be adapted to the individual green space maintenance requirements.



Simple tool-less changeover to mulching

Seeds and nutrients can be returned to the soil when cutting without collecting. The cut plant matter remains on the surface and rots. The nutrients it contains are released back into the soil where they are available to plants.

To switch to the mulching function, a lever is simply moved on the side of the GH or GH-LT. It is even easier in the GH-S and GH-S Drive, as the changeover is carried out from the tractor cab via the tractor hydraulics.



More air in the ground

Collecting and scarifying

Collecting:

One machine for every application!

The powerful suction effect picks up almost "everything" (leaves, chestnuts, acorns, etc.). This ensures optimum utilisation of the hopper capacity. In addition, the shredding of the leaves by the rotating blades speeds up their decomposition. Often in the spring, autumn leaves remain covering the ground and the grass can only grow with difficulty. To improve and aid that grass growth, those leaves can be collected, and the lawn aerated in a single pass by simply adding in the scarifying blades.

Designed for efficiency!

The rotor's high rotational speed and the combination of sharpened wing blades and scarifying blades make the GH a highly efficient method of collecting, even in damp conditions. The SmartCut exact cut rotor also makes short work of foreign objects.



Scarifying: why is it needed?

The natural growth of a lawn can be hindered by the formation of a layer of thatch. Tight mowing intervals without collecting, poor management of rotting 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.

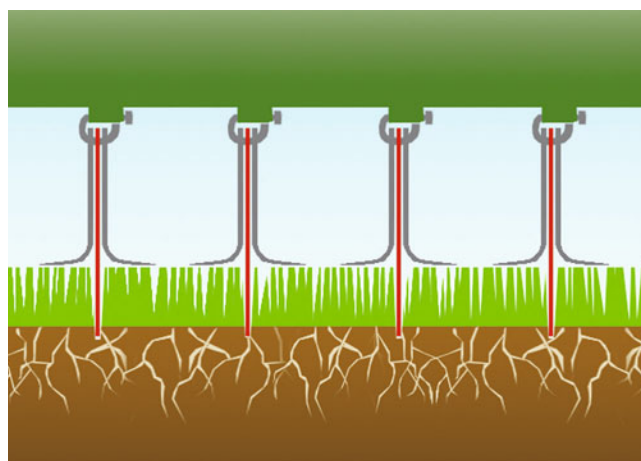
The GH and HH mowers remove thatch from the lawn and collect it in the same pass.

Easily disposes of lawn thatch and moss

The soil structure can be improved and rejuvenated by carrying out stress-free scarifying with the AMAZONE GH and HH. 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 produces an outstanding suction effect.



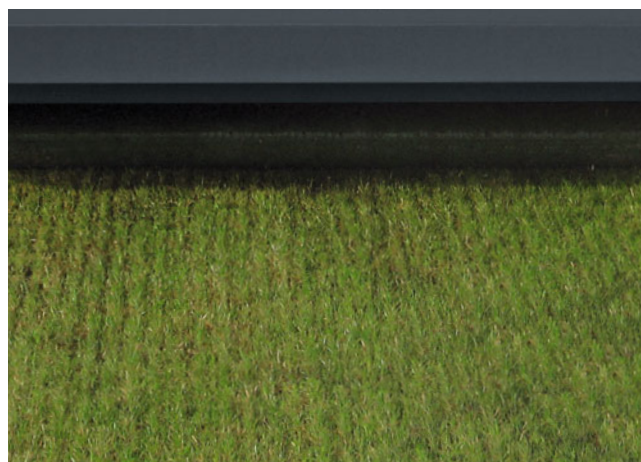
Lawn thatch and moss stop a lawn breathing



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



Tool-less conversion to scarifying – and done in seconds



Healthy soil structure thanks to effortless scarifying





Model overview



HH	GH
 3-point linkage mounted	 3-point linkage mounted
 Working width 1.50 m to 2.10 m	 Working width 1.35 m to 2.10 m
 Wing blade H60 + 3 mm scarifying blade (standard execution)	 Mower blade + H77 sharpened wing blade (standard execution)
 Infinitely variable height adjustment	 Infinitely variable height adjustment
 Mulching	 Mulching
 Collecting	 Collecting
 Hopper capacity 1,500 l to 2,100 l	 Hopper capacity 1,350 l to 2,100 l
 Integrated airflow deflector	 Integrated airflow deflector
 Hopper protection hood	 Hopper protection hood
 Ground level discharge	 Ground level discharge



All models can be equipped with any optional extras depending on the individual requirements!



GH-LT

GH-S

GH-S^{Drive}

 3-point linkage mounted	 3-point linkage mounted	 Drawbar above or below the PTO shaft
 Working width 1.35 m to 1.50 m	 Working width 1.50 m to 2.10 m	 Working width 1.50 m to 2.10 m
 Mower blade + H77 sharpened wing blade (standard execution)	 Mower blade + H77 sharpened wing blade (standard execution)	 Mower blade + H77 sharpened wing blade (standard execution)
 Infinitely variable height adjustment	 Infinitely variable central height adjustment	 Infinitely variable central height adjustment
 Mulching	 Mulching	 Mulching
 Collecting	 Collecting	 Collecting
 Hopper capacity 1,400 l to 1,550 l	 Hopper capacity 2,500 l to 3,500 l	 Hopper capacity 2,500 l to 3,500 l
 Airflow deflector (optional equipment)	 Airflow deflector (optional equipment)	 Airflow deflector (optional equipment)
 Hopper protection hood	 Hopper protection hood	 Hopper protection hood
 High-lift discharge 1.80 m	 High-lift discharge 2.10 m	 High-lift discharge 2.30 m
 Road speed 25 km/h	 Road speed 25 km/h	 Up to 40 km/h on the road*
 Rear caster wheels	 Electro-hydraulic control (optional equipment)	 Electro-hydraulic control (optional equipment)
	 Rear caster wheels	 Twin wheels at the rear

*New: EU type approval included!

GH, GH-LT, GH-S and GH-S^{Drive}



Advantages of the GH

- ✓ Precise working thanks to cutting widths from 1.35 m to 2.1 m, matching the track width of the tractor
- ✓ Hopper capacities from 1,350 l to 3,500 l for high-performance working, even on large areas
- ✓ No wheel marks on the finished area
- ✓ Simple ground level discharge with GH or high-lift discharge with GH-LT, GH-S and GH-S^{Drive} for a wide range of applications



1,350 to 3,500 l
hopper capacity



Cutting widths
from 1.35 to 2.10 m



Working speeds
of up to 11 km/h



A gas strut dampens the closing movement of the hopper lid after emptying



Simple ground level discharge on the GH

HH

HorseHopper



Advantages of the HH

- ✓ Precise working thanks to cutting widths from 1.5 m to 2.1 m, matching the track width of the tractor
- ✓ Hopper capacities from 1,500 l to 2,100 l for high-performance working, even on large paddocks
- ✓ No wheel marks on the finished area
- ✓ Simple ground level discharge for fast working



1,500 to 2,100 l
hopper capacity



Cutting widths
from 1.50 to 2.10 m



Working speeds
of up to 11 km/h

Better hygiene and optimum paddock usage

The most effective means of improving 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. The HH enables rank grass patches, including metre-high thistles, to be perfectly mown and collected together with the horse droppings, thereby allowing for a more intensive use of the paddock.

Working steps with the HH:

- ✓ Collecting horse droppings
- ✓ Mowing of rank grass patches and thistles
- ✓ Grass mowing and collecting
- ✓ Scarifying and collecting
- ✓ Collecting leaves

Standard execution:

- ✓ Cat. 1 and Cat. 2 three-point linkage mounting
- ✓ H60 short, sharpened wing blades in combination with scarifying knives
- ✓ Infinitely-variable height adjustment for support roller with scraper
- ✓ Mulch flap
- ✓ Castor wheels
- ✓ PTO shaft with over-run clutch
- ✓ Collection hopper with hydraulic ground-level emptying, internal stone guard plate and air deflector
- ✓ Fill level indicator



without being cut

after being cut with the HH

Well thought-through in every detail



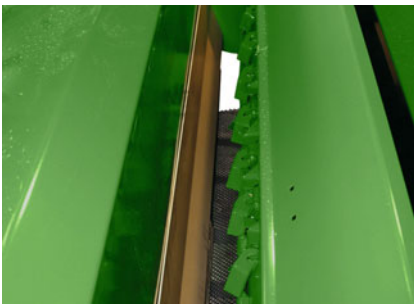
Electro-hydraulic control



Run-flat tyres



Lighting for North America



Mower unit wear plate



Operating hours counter



Double-acting hydraulic cylinder



Tail lights



Drawbar at the top



Integrated airflow deflector



Rear wheel mudguards



Front roller with scrapers



Changeover valve



The hopper protection hood helps protect the hopper from the impacts of foreign objects



The GH can also work precisely at the roadside. Thanks to the fast transport speed, even long distances from job to job are no problem



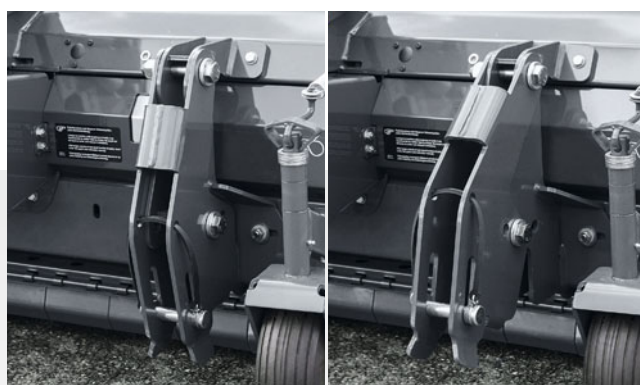
The "rubber protection" kit can be fitted as an option to prevent dust from swirling up from the gap between the hopper and the mowing deck towards the tractor driver

For machines with a drawbar:

- ✓ Straight drawbar for attachment above the PTO shaft (standard)
- ✓ Straight drawbar for attachment to tractor drawbar beneath the PTO shaft (optional equipment)



The fill level indicator for the hopper reliably and accurately shows the exact fill level



For three-point linkage mounted models:

- ✓ The adjustable lower link mounting brackets can be used to optimise the PTO shaft angle

The original is simply better

AMAZONE service and quality



Experience that pays off. AMAZONE therefore guarantees you the highest quality thanks to a very high level of vertical integration across its own factories in Europe – and it has been doing so for more than 140 years. The original is simply better.

In most cases, things need to happen very quickly, especially when time is tight for optimum lawn maintenance. That is why AMAZONE offers a first-class parts service with genuine parts that are precisely matched to your machine. So your machine is always ready for use - quality parts and available worldwide.

The Global Parts Center in Tecklenburg-Leeden in Germany is the base for our worldwide parts logistics system. This ensures the optimum availability of parts, even for older machines. Whenever you need us, the AMAZONE service team is there for you, supported by a network of competent and highly trained sales partners and service technicians.

AMAZONE also offers an intensive introduction to the operation and handling of your new machine on your farm by a trained member of the AMAZONE team. Alternatively, you can use "SmartLearning" - AMAZONE's interactive driver training - to familiarise yourself with the machine's operation before using it for the first time.

Precise mowing from the very first metre.

The advantages of original spare parts and wearing metal:

- ✔ Quality, reliability and performance
- ✔ Immediate availability, even for older machines
- ✔ Higher resale value of your used machine



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for more performance



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WARRANTY

» Register now and apply for a 24 month manufacturer guarantee!

- ✔ Extend the protection offered for your machine with a 24 month manufacturer guarantee.
- » The extended guarantee can be applied for within the contractual warranty period of 12 months after initial installation.

NEW



PARTS

» Parts - find the right parts for your machine even more easily now!

- ✔ The right parts list for your machine with just one click.
- ✔ Identify the correct part from the exploded views in a trice.
- ✔ Create a shopping basket and send it to your service partner.



ADJUSTMENT
AND OPERATION

» Now enter the machine number and see at a glance all the relevant information to help get the maximum performance from your machine

- ✔ Season start and commissioning
- ✔ Adjustment and operation
- ✔ Parts lists and operating instructions
- ✔ Maintenance and storage

Technical data:

GH and HH

Model	Working width (m)	Tractor mounting			Collection hopper (l)	Empty weight (kg)	Permissible total weight* (kg)	Dimensions L x W x H (m)
		Recommended tractor output (hp)		Category				
		Min.	Max.					
GH 1350	1.35	30	60	Cat. I N, I	1,350	570	910	1.80 x 1.75 x 1.48
GH 1500/HH 1500	1.50	40	80	Cat. I, II	1,500	600	970	1.80 x 1.90 x 1.48
GH 1800/HH 1800	1.80	60	120	Cat. I, II	1,800	690	1,140	1.80 x 2.20 x 1.48
GH 2100/HH 2100	2.10	70	130	Cat. I, II	2,100	760	1,290	1.80 x 2.50 x 1.48

With ground level discharge

GH-LT 1350	1.35	30	60	Cat. I N, I	1,400	750	1,100	1.94 x 1.75 x 1.58
GH-LT 1500	1.50	40	80	Cat. I, II	1,550	780	1,160	1.94 x 1.90 x 1.58

Discharge height approx. 1.80 m

GH-S 1500	1.50	50	100	Cat. I, II	2,500	970	1,600	2.60 x 1.90 x 1.65
GH-S 1800	1.80	60	120	Cat. I, II	3,000	1,000	1,750	2.60 x 2.20 x 1.65
GH-S 2100	2.10	70	130	Cat. I, II	3,500	1,040	1,915	2.60 x 2.50 x 1.65

Discharge height approx. 2.20 m

GH-S 1500 Drive	1.50	50	100	–	2,500	1,030	1,660	3.55 x 1.90 x 1.70
GH-S 1800 Drive	1.80	60	120	–	3,000	1,130	1,880	3.55 x 2.20 x 1.70
GH-S 2100 Drive	2.10	70	130	–	3,500	1,240	2,100	3.55 x 2.50 x 1.70

Discharge height approx. 2.30 m

* Value used for testing the lift capacity and permissible total weight of the tractor (mounted implements) and the permissible total weight of the tractor in operation (trailed implements).

Illustrations, content and technical data are not binding and may differ depending on the level of equipment. Country-specific road traffic regulations apply and must be complied with, meaning that special approval may be required. The permissible axle loads and total weights of the tractor should be checked. Not all the listed combination options are possible with all tractor manufacturers.





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