



AMAZONE

Groundcare



Reliable operation

throughout the year



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How to make grass and leaves yesterday's news!



Groundkeeper and Profihopper in year-round use



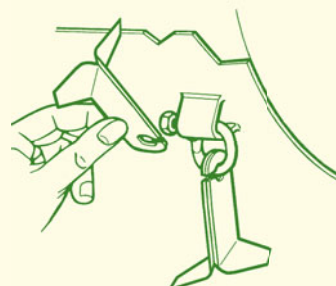
Mowing

The tried-and-tested SmartCut AMAZONE mowing and scarifying system is the guarantor for well-groomed lawns. The Groundkeeper and Profihopper are not bothered whether the grass is wet, exceptionally tall or even thick – they always achieve first class results.



Scarifying

The scarifying knives, which are quickly attached without tools, slit the turf and thin out the lawn's surface. Thatch is removed, collected and at the same time the surface is rolled.



Tool-less, quick-change system for blades



Collecting leaves

The excellent suction effect means that almost everything, e.g. dead leaves, chestnuts and acorns, is collected. In addition, the shredding of the leaves by the rotating blades promotes rapid decomposition.

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. The conveying system is so insensitive to foreign objects that the collection of tins, paper and other rubbish lying around in parks and leisure areas is no problem for the Profihopper and the Groundkeeper.

AMAZONE SmartCut exact cut rotor



SmartCut exact cut rotor

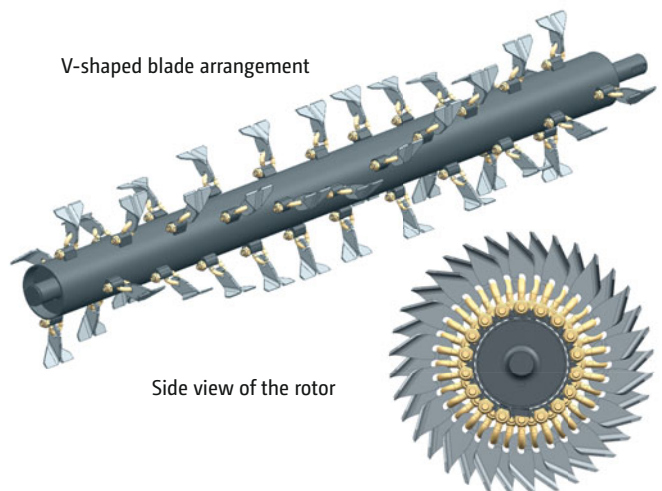
Mulching

Through the special mounting of the knives on the big diameter rotor, the grass-stalks are cut off and then shredded many times. For mulching, the mulch flap is simply inserted in the Profihopper or Groundkeeper and the cuttings are then evenly spread across the mown area.

Rollers

Rolling immediately after mowing creates a beautiful and well-kept lawn.

V-shaped blade arrangement



Side view of the rotor



STAGE V Engine technology

Book a demonstration at
www.amazone.net/demonstration

The top features

Profihopper 1250 4WDi SmartLine and Profihopper 1500 4WDi SmartLine

Profihopper SmartLine – quick, manoeuvrable, high-performance

PRODUCT FILM
Profihopper 1250
Find out more



- ▶▶ Working widths: 1.25 m with the Profihopper 1250 and 1.50 m for the Profihopper 1500
- ▶▶ Versatile application over the entire year:
 - Spring – Scarifying
 - Summer – Mowing or mulching
 - Autumn – Leaf collection
- ▶▶ Out-front mowing deck with integrated PowerCompactor collecting and conveying system utilising horizontal and vertical augers.
- ▶▶ Compact design, quick and easily manoeuvrable on any terrain. Precise working right into the corners without having to drive over the material to be cut beforehand.
- ▶▶ Thanks to the 0-turning circle steering, less manoeuvring is required when mowing around obstacles or when turning.
- ▶▶ SmartCut exact cut rotor with a chevron blade arrangement for an improved cutting and collection quality and less noise. Mowing in any weather, even in damp grass. So start early in the morning with no need to wait!
- ▶▶ Blade change without tools – quick and easy!
- ▶▶ Less time-consuming emptying: due to the PowerCompactor compaction system, more than 1,100 l of non-compacted cuttings can be accommodated in the 730 l hopper of the Profihopper 1250 and more than 1,600 l in the 1,100 l hopper of the Profihopper 1500.
- ▶▶ The PowerCompactor conveying system with its augers is insensitive to damage! Even tin cans, horse droppings or other rubbish can be collected.
- ▶▶ The force-feed conveying system of the PowerCompactor operates without a loud blower fan and thus generates not only very little dust, but also less noise for drivers, passers-by and local residents. All environmental regulations are complied with.
- ▶▶ High-lift discharge up to 2.10 m on the Profihopper 1250 and 2.50 m on the Profihopper 1500 for quick emptying into trucks and trailers – easy unloading wherever you need it.

PRODUCT FILM
Profihopper 1500
Find out more





Profihopper 1250 4WDi SmartLine

- ✔ 1.25 m working width
- ✔ Hopper capacity 730 l (equals 1,100 l of cuttings)
- ✔ All-wheel drive with 0-turning circle steering

PRODUCT FILM
Profihopper 1500 Cab
Find out more



NEW



Now available with
a comfortable cab!

Profihopper 1500 4WDi SmartLine

- ✔ 1.50 m working width
- ✔ Hopper capacity 1,100 l (equals 1,600 l of cuttings)
- ✔ All-wheel drive with 0-turning circle steering

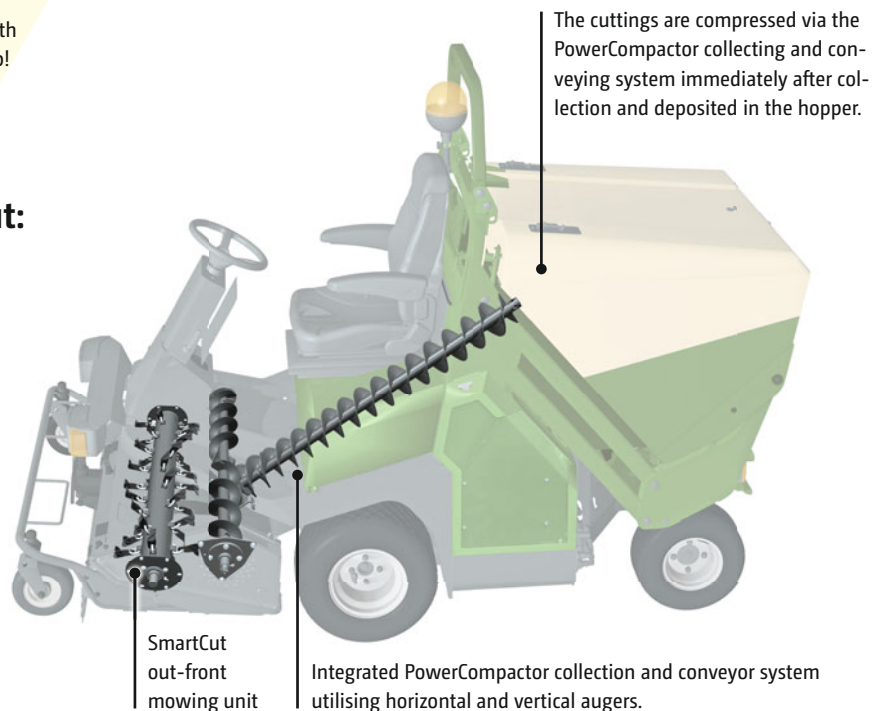
The mowing principle of PowerCompactor and SmartCut:

Profihopper 1250 4WDi SmartLine

- ▶▶ 1.25 m working width
- ▶▶ 72 (36 pairs) sharpened wing blades arranged in 4 rows
- ▶▶ Rotor speed 3,400 rpm

Profihopper 1500 4WDi SmartLine

- ▶▶ 1.50 m working width
- ▶▶ 88 (44 pairs) sharpened wing blades arranged in 4 rows
- ▶▶ Rotor speed 3,400 rpm



Protect nature with InsectGuard!

The new **InsectGuard** protects insects from being mown by the Profihopper by means of a tine carrier which moves the grass in front of the cutting deck, thereby causing them to fly away.





Book a demonstration at
www.amazone.net/demonstration

The top features

Groundkeeper 1800 Drive

Groundkeeper – versatile, robust, efficient

- ▶▶ SmartCut exact cut rotor with a chevron blade arrangement for an improved cutting and collection quality and less noise. Mowing in any weather, even in damp grass. So start early in the morning with no need to wait!
- ▶▶ Blade change without tools – quick and easy!
- ▶▶ Less time-consuming emptying: maximum utilisation of the hopper capacity due to the shredding of the cuttings.
- ▶▶ Ground level discharge or high-lift discharge of up to 2.30 m for quick emptying into pickups or trailers – easy unloading wherever you want.
- ▶▶ The airflow deflector expels the air and any dust created by the mowing operation out of the back of the machine (option).
- ▶▶ Via 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.
- ▶▶ Simple, stepless cutting height adjustment
- ▶▶ All the hydraulic functions in the GHD, GHS and GHS Drive models can be easily actuated from the tractor cab via the three buttons on the electro-hydraulic control unit (option).
- ▶▶ The hopper protection hood helps protect the hopper from being damaged by stones or other foreign bodies.
- ▶▶ Adjustable lower link pins: the lower link pins can be extended to provide an improved PTO shaft angle when using different tractors.
- ▶▶ The support roller can be raised up for leaf collection on water-logged tracks where there is no need for a support roller.

PRODUCT FILM
Groundkeeper
Find out more





**Groundkeeper SmartCut GHL-T 1500
for three-point linkage mounting**



**Groundkeeper SmartCut GHS Drive 1800
with drawbar**



The rotor has a large diameter and produces an air stream which gives the AMAZONE Groundkeeper an extremely high-quality collecting capacity. The rotational speed of the rotor of 2,650 rpm ensures a first-class mowing performance.



Convenient emptying via the high-lift discharge

The working principle of the Groundkeeper: mowing, collecting, shredding and rolling in a single pass. The cuttings and any dead leaves are finely shredded by the blades. This reduces composting time. The collecting hopper contents can easily and conveniently be emptied from the tractor seat.

Also available as the HorseHopper for year-round use



Better hygiene and optimum paddock usage

The most effective means of improving paddock hygiene is ensuring the regular collection of all horse droppings. Patches of rank grass including metre-high thistles are neatly mown with the HorseHopper and collected together with the horse droppings, which means that the paddock can be used more intensively.



Mounted spreader for winter road gritting

EK-S – reliable and economical

With working widths of up to 8 m (depending on the material to be spread) and hopper sizes of 150 l, 260 l and 370 l, it is perfect for medium application rates.

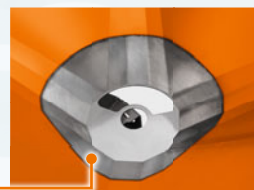
- ▶▶ Lightweight design for small compact tractors
- ▶▶ Manually adjustable, multi-element spread width deflector made from stainless steel
- ▶▶ **Hopper cover and protective sieve are standard**
- ▶▶ Easy pre-set slide for rate setting
- ▶▶ Maintenance-free, oil-immersed gearbox or direct drive via a hydraulic motor



E+S – the technology with Snow-how

The E+S with working widths from 1 m to 8 m provides excellent lateral and longitudinal distribution and high work rates.

- ▶▶ Steep hopper walls for optimum flow of the spreading material
- ▶▶ Important moving parts such as nuts and bolts, the entire bottom assembly, spread width deflector, spreading disc and spreading blades are made from stainless steel
- ▶▶ Extremely resistant multi-layer paint finish, powder coating and zinc phosphating extend the service life of the spreaders
- ▶▶ Available in two hopper sizes, 300 l and 750 l, and with optional bolt-on extensions up to a capacity of 1,110 l
- ▶▶ **Now also with stainless steel hopper tip**



PRODUCT FILM
E+S 751 Hydro
Find out more





2021: Silver medal for the IceTiger winter salt spreader



IceTiger S and IceTiger – safe working in snow and ice

The IceTiger winter salt spreader is available in two sizes. The IceTiger S is equipped with a hopper which can be increased in steps up to a maximum capacity of 920 l by the use of hopper extensions. The IceTiger is its “big brother”. This has a 1,000-litre hopper which can also be increased up to a maximum capacity of 1,900 l by means of hopper extensions. The working width can be set very precisely from 1 m to 8 m, both symmetrically and asymmetrically, via the EasySet 2 in-cab terminal, the AmaTron 4 ISOBUS terminal or any other ISOBUS-compatible terminal. Ideal for narrow footpaths, wide roads or major junctions.

IceTiger S – precision down to the last detail

- ▶▶ Hopper capacity of 380 l (can be extended to 920 l max. with hopper extensions of 180 l and 360 l)
- ▶▶ W 1 and W 2 precision spreading discs with working widths from 1 m to 8 m
- ▶▶ Hydraulically-driven floor belt
- ▶▶ Manual or electric delivery point adjustment
- ▶▶ Comfortable and precise operation with the modern EasySet 2 in-cab terminal or the AmaTron 4 user-friendly ISOBUS terminal



IceTiger – precision with high efficiency

- ▶▶ Hopper capacity of 1,000 l (can be extended to 1,900 l max. with hopper extensions of 300 l and 600 l)
- ▶▶ W 2 precision spreading discs with working widths from 2 m to 8 m
- ▶▶ Hydraulically-driven floor belt
- ▶▶ Manual or electric delivery point adjustment
- ▶▶ Comfortable and precise operation with the modern EasySet 2 in-cab terminal or the AmaTron 4 user-friendly ISOBUS terminal

PRODUCT FILM
IceTiger
Find out more





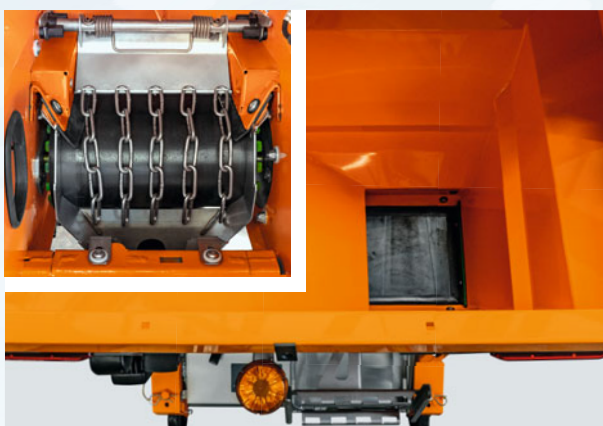
Exclusive for the IceTiger

Smart Precision System – more precise, more economical, more environmentally-friendly

Adjustable floor belt speed – for precise application, even with extremely small quantities

Bridging is safely avoided thanks to the hydraulically-driven floor belt with its large surface contact area for the spreading material.

- ▶▶ A hydraulic motor allows the speed of the floor belt to be precisely adjusted to run fast or slow, so that even extremely small quantities down to 5 g/m² can be applied.
- ▶▶ A spring-loaded shutter with a chain curtain lets smaller foreign objects pass through.



Precision spreading disc – precise and gentle application

Both free-flowing refined salts with a low moisture content and heavy rock salt with a high moisture content can be applied without blockages. Salt and FS30 pre-wetted salt can be applied from 5 g/m² to 80 g/m² and grit up to a maximum of 300 g/m².

- ▶▶ W 1 precision spreading disc: working width 1 m to 6 m
- ▶▶ W 2 precision spreading disc: working width 2 m to 8 m





Even distribution
of chippings



Pre-wetted salt system with an overall tank capacity of 500 l for the application of FS30 pre-wetted salt

Electric delivery point adjustment via an ISOBUS terminal

For the ISOBUS-controlled IceTiger, the spread fan is shifted to the right and left by an electric actuator whilst the vehicle is travelling along the road. From the seat, the operator simply enters how far the spread width needs to be to the left and right in the ISOBUS terminal. The electric delivery point adjustment then sets the delivery point of the material to be spread precisely and fully automatically. A hydraulic motor simultaneously regulates the spreading disc speed. This automatically produces the desired symmetrical or asymmetrical spread pattern. It couldn't be easier or more convenient.

System FlowCheck – radar-based sensor system

The FlowCheck radar sensor for ISOBUS-controlled machines enables the early detection of blockages. A message on the ISOBUS terminal immediately informs the user if blockages have occurred e.g. due to the use of viscous, pre-wetted salt.





For E+S and IceTiger

EasySet 2 in-cab terminal

EasySet 2 is the ideal in-cab terminal for those looking for convenient and simple operation. With its carefully-selected partner software, the EasySet 2 in-cab terminal offers the facility for logging the machine data with a GPS reference. This data can be documented in the fleet management system.

Benefits of EasySet 2:

- ▶ Intuitive operation for multiple drivers
- ▶ Forward-speed dependent application rate control
- ▶ Pre-metering can be provided via the traffic light function before the tractor starts moving
- ▶ With manual delivery point adjustment: the delivery point is adjusted directly on the spreader; the required spread rate and the desired working width are set via the EasySet 2
- ▶ Display of the working width (m), rate (g/m²), forward speed (km/h).
- ▶ + 100% function for doubling the spread rate on critical areas, e.g. bridges and junctions
- ▶ Calibration button for calibrating the working width, speed and application rate for road salt and brine



For IceTiger

AmaTron 4 ISOBUS terminal

The AmaTron 4 ISOBUS terminal, which was developed in-house by AMAZONE, means that comfortable working becomes a matter of course. The 8" low-reflection, multi-touch colour display allows easy reading and quick input of all the necessary information. Intuitive operation of the functions is guaranteed at all times either via the 12 keys or the touch display. The new telemetry interface, which complies with the DIN standard, allows the IceTiger and IceTiger S to document the machine data with GPS references. This data can be stored and analysed in a fleet management system.

Benefits of AmaTron 4:

- ▶ Comfortable, user-friendly, tablet-style operation
- ▶ Practical and intuitive menu navigation
- ▶ Larger display area thanks to dynamic fade-out and fade-in of buttons via a proximity sensor
- ▶ Forward-speed dependent application rate control
- ▶ Traffic light function for immediate full application of the material
- ▶ Easy adjustment of the desired working width to either the left- or right-hand side from the tractor seat
- ▶ Freely configurable, multi-function display with all the relevant information, such as the current application rate, remaining distance, forward speed, etc.

AmaPilot+ – everything in one hand!

Extremely comfortable operation via the AmaPilot+ multi-function joystick.



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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