AS MOTOR

DIFFICULT TERRAIN

SAFER MOWING

THE EVOLUTION OF LANDSCAPE CONSERVATION

THE BRUSH CUTTER HAS HAD ITS DAY.

The way hard-to-reach edge areas are mowed is changing.
Every local authority, building yard, and service provider is familiar with yearly recurring ‘problem areas’ in landscape maintenance. Mowing rainwater retention basins, noise barriers, bridgeheads, dykes, ditches, routes, and verges are especially challenging. Overgrown vegetation, undulating terrain, and difficult access are just the tip of the iceberg. Slopes and gradients of more than 25° are particularly problematic.

THE NEXT TECHNOLOGICAL STEP.

Modern remote-controlled RC mowers open up new possibilities.
Radio remote control separates the user from the machine, removing them from the danger zone and enabling them to control and monitor the mowing work from a safe distance. Modern RC mowers are designed with an extremely low centre of gravity and balanced weight distribution, which, when combined with a high-grip rubber track option for maximum traction, enables unprecedented traction on steep slopes of up to 56° (148%).

RC MOWERS ARE CURRENTLY VERY POPULAR.

Persuasive cost efficiency in extensive land maintenance.
Clearing vegetation on slopes is hard work, as anyone who has ever done it themselves knows. High accident risk, low area output, high labour costs, and low employee motivation, which often leads to absenteeism, are decisive factors in cost calculations.

DID YOU KNOW:

- the area coverage when clearing brush with a brush cutter is between 220 and 427 square metres per hour? (Ackermann et al, 2006) (KTBL, 2017)
- the area coverage of an RC mower is up to 14 times higher than that of a brush cutter
- powerful RC mowers enable an ecologically sensible mowing interval of one delayed mowing per year

THE ADVANTAGES OF AN RC MOWER

MOW MORE SAFELY

Get out of the danger zone. Accident statistics from professional associations identify the greatest risks when mowing on slopes are the machine tipping over or the user falling. RC mowers improve user safety in these areas and are currently the best technical option for meeting accident prevention regulation requirements. Accident risk is reduced to a minimum.

MORE COMFORTABLE MOWING

Productivity and well-being go hand in hand. Mow from a safe and comfortable distance. All emissions negatively affecting the operator are eliminated or reduced to a minimum: noise, vibrations, exhaust fumes, dust, pollen, thorns, and insects no longer have an impact on the operator. The machine can be operated from a comfortable, shaded position. In addition, the physical strain on the user is minimised. Experience shows that users not only actively prefer and request RC machines, but it also motivates them. Higher motivation and less strenuous activities improve employee retention, and reduce absenteeism and sick leave.

MOW MORE EFFICIENTLY

A ‘mowing problem’ becomes a normal activity. The most powerful RC mowers reach gradients of up to 56° (148%). This is well above the limit of safe standing for a user with a brush cutter or hand-guided machine. On slopes, an RC mower increases area coverage by up to 14 times, thereby making it more cost-efficient. The chronic shortage of personnel and the constant cost-pressure in landscape maintenance make RC machines more desirable.

THE **RC MOWERS** FROM AS-MOTOR

AS **940** SHERPA 4WD RC

DRIVE YOURSELF OR USE REMOTE CONTROL – THE CHOICE IS YOURS

The Sherpa is one of the most powerful mowers in its class. With its 4WD drive, it can manoeuvre over undulating terrain and slopes. In ride-on mode, its high area coverage and precision is impressive. From a gradient of 21°, it switches to remote-controlled RC mode. The advantages are greater user comfort, increased slope capability of 33°, and, above all, safety. The AS 940 Sherpa 4WD RC significantly expands the range of possible applications.

AS **990** TAHR RC

MOW FORWARDS AND BACKWARDS WITHOUT TURNING

The remote-controlled TAHR rotary mower scores high in terms of speed and area coverage when dealing with tall vegetation. Its main advantage is the ability to mow in both directions of travel, eliminating the need to turn around. With just a few control commands it can switch to the next swath, thereby saving time and reducing damage to the turf.

AS **1000** OVIS RC

CLOSE TO EDGES AND ROBUST MOWING

The remote-controlled OVIS flail mower with front mower deck enables the operator to mow closer to edges. While its low height of only 69cm allows it to work under low obstacles such as solar panels, its robust flail mower deck is particularly advantageous when encountering hidden foreign objects or stones in unfamiliar terrain.

AS **1000** OVIS EVO RC

CLOSE TO EDGES AND ROBUST MOWING WITH GREATER COMFORT

The AS 1000 OVIS EVO RC is almost identical in construction to the AS 1000 OVIS RC. Except, on the AS 1000 EVO RC, the blade clutch and cutting height adjustment functions are remotecontrol, offering greater user comfort.

AS 940 SHERPA 4WD RC

The AS 940 SHERPA 4WD RC is the first remote-controlled ride-on mower for tall grass. As soon as mowing becomes uncomfortable or slopes become too steep, it can be operated in RC mode. While the manual ride-on mode achieves a high area coverage, the additional RC function significantly expands its range of applications.

VIDEO
AS 940 SHERPA 4WD RC

AS 940 SHERPA 4WD RC

MOWER TYPE: REMOTE-CONTROLLED MID-AXLE ROTARY MOWER WITH PERMANENT 4WD DRIVE

RC FUNCTIONS:

- Forward/reverse driving
- Left/right steering
- Steering inversion
- Blade clutch
- Cutting height adjustment
- Differential lock
- Automatic parking brake
- Speed limiter
- Acoustic tilt warning
- Radio range up to max. 300 m

CONSTRUCTIVE ADVANTAGES:

- Lightweight
- Easy to transport
- Very gentle on the ground
- High cutting power
- Suitable for lawn mowing
- Easy maintenance

PLUS POINTS

The Sherpa RC significantly **expands the range of applications** for a ride-on mower.

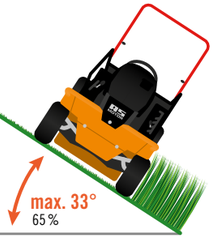
This makes it **versatile for use** up to 33° (65%).

It is **affordable** for smaller service providers.

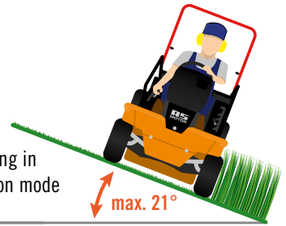
VERSATILITY IN DAILY USE IS ITS MAIN ADVANTAGE.

MAXIMUM 33° SLOPE SUITABILITY

Mowing in RC mode



Mowing in ride-on mode



CROSS BLADE SYSTEM

Reinforced AS-Motor high grass mower with replaceable, movable blades and cross blade. Shown with optional mulching kit.

PROFESSIONAL REMOTE CONTROL

With a maximum range of 300 m. In ride-on mode, it serves as a control element.

AS 990 TAHR RC

Speed, easy steering and the ability to mow in both directions make the **AS 990 TAHR RC** the ideal machine for large areas with tall grass and annual vegetation. Its external chains give it excellent traction on slopes of up to 56°.

VIDEO
AS 990 TAHR RC

AS 990 TAHR RC

MOWER TYPE: REMOTE-CONTROLLED INTERMEDIATE AXLE SICKLE MOWER WITH CATERPILLAR DRIVE

RC FUNCTIONS:

- Forward/reverse driving
- Left/right steering
- Zero-turn
- Remote-controlled cutting height
- Remote-controlled blade clutch
- Automatic parking brake
- Speed limiter
- Radio range up to max. 300 m

CONSTRUCTIVE ADVANTAGES:

- Precise steering movements
- Good-natured handling
- No turning necessary
- Very high area coverage
- Perfect traction
- Easy maintenance

PLUS POINTS

The TAHR offers **maximum slope capability.**

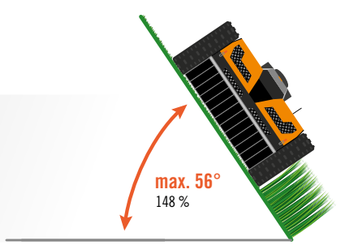
It uses the Sherpa knife and is **inexpensive to maintain**.

It can mow **forwards and backwards**.

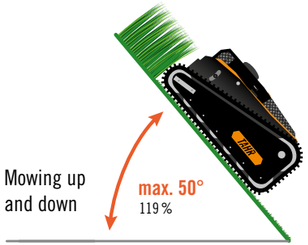
This enables it to achieve a **very high area output**.

SPEED IS ITS MAIN ADVANTAGE.

MAXIMUM 56° SLOPE SUITABILITY



Mowing up and down



TRANSPORTABILITY

Weighing just 502 kg and measuring 131 cm in width, the AS 990 Tahr RC fits into vans and on 750 kg trailers.

CROSS BLADE SYSTEM

The spinning blades cut the vegetation while a mulching blade bar above shreds and clears the mower deck. Fitted with a stainless steel mulching ring.

AS 1000 OVIS EVO RC

The front flail mower design allows for closer edge mowing. The flail's biggest advantage is its robustness on encountering hidden foreign objects while giving an even cut.

VIDEO
AS 1000 OVIS EVO RC

AS 1000 OVIS EVO RC / AS 1000 OVIS RC

MOWER TYPE: REMOTE-CONTROLLED FLAIL MOWER WITH FRONT MOWER DECK AND CATERPILLAR DRIVE

RC FUNCTIONS:

- Forward/reverse driving
- Left/right steering
- Zero-turn
- Automatic parking brake
- Speed limiter
- Radio range up to max. 300 m
- RC blade clutch (OVIS EVO)
- RC cutting height adjustment (OVIS EVO)

CONSTRUCTIVE ADVANTAGES:

- High cutting performance
- Perfect mulching results
- Even grass distribution
- Close-to-edge mowing
- Low height, 69 cm
- Compact dimensions LxW 184 / 115 cm
- Easy transport
- Simple technology
- Additional functions in the OVIS EVO
- Very safe in collisions
- Preparation in the OVIS EVO for X-ACT TRACK

PLUS POINTS

The OVIS offers **almost identical slope suitability** across the slope as the TAHR.

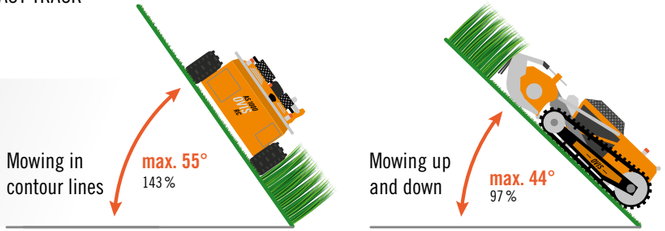
It uses a **strong and robust Y-shaped flail mower deck**.

It can only mow forwards, but **close to the edge**.

Its low height is ideal for **mowing under solar panels**.

ITS ROBUSTNESS, CUTTING POWER AND CUTTING PATTERN ARE ITS MAIN ADVANTAGES.

MAXIMUM SLOPE SUITABILITY 55°



ROBUST FLAIL MOWER

The 28 pairs of pendulum-mounted Y-beaters fold away when they come into contact with foreign objects, reducing the risk of damage.

AS-MOTOR X-ACT TRACK: SIMPLY STAY ON TRACK

The AS 1000 OVIS EVO RC is ready for the X-ACT TRACK steering assistance system. More information on this can be found on the next page.

THE X-ACT TRACK STEERING ASSISTANT FROM AS-MOTOR

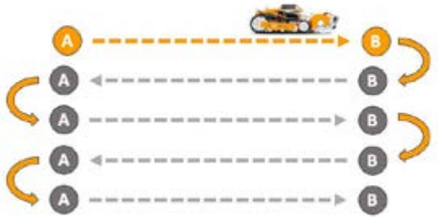
JUST STAY ON TRACK: THE X-ACT TRACK AUTOMATIC STEERING ASSISTANT TAKES CONTROL OF YOUR OVIS EVO FOR YOU.

WHAT ARE THE BENEFITS OF THIS STEERING ASSISTANT?

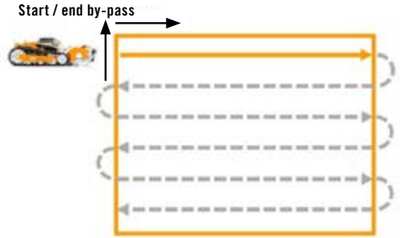
- More relaxed working
- Higher area output
- More economical working

WHY DOES A STEERING ASSISTANT INCREASE AREA COVERAGE?

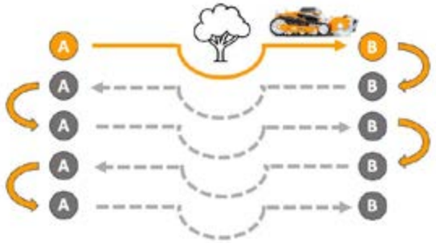
- Constant and full utilisation of the mowing width
- Less reworking with unmowed areas
- Higher mowing speed
- More pleasing results
- Precision control, negating human error



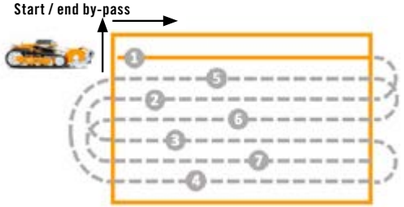
A-B LINE REPETITION:
Points A and B are saved. The entire area is divided into parallel lines and mowed seamlessly. Turning is done manually. It does not matter which line is approached next. The mowing pattern is variable in design.
+ MEMORY FUNCTION: Save an area and your mowing pattern for the next mowing.



AUTOMATIC MOWING OF A DETERMINED AREA:
After driving around an area and the first line, the area is mowed automatically. The turning manoeuvre takes place automatically at the completed boundary line. **+ MEMORY FUNCTION: Save an area and your mowing pattern for the next mowing.**



A-B CURVE REPETITION:
The travel distance between point A and B is saved. The travel pattern is repeated in parallel over the entire area. Turning is done manually. It does not matter which line is travelled to next. The mowing pattern is variable in design. **+ MEMORY FUNCTION: Save an area and your mowing pattern for the next mowing.**



AUTOMATIC MOWING ACCORDING TO PATTERNS:
Several automatic programmes are available for the mowing pattern of a determined area. Larger turning radius protects the ground. The turning manoeuvre is performed automatically. **+ MEMORY FUNCTION: Save an area and your mowing pattern for the next mowing.**

THE CONTROLLING OF THE RC MOWER

Connection quality

Status
SCAN, STOP, RUN, X-ACT

Travel speed

Battery voltage

On-board voltage

Information box with plain text

Forward / Backward

Emergency stop

Coupling and light
(AS 990 TAHR RC)

Engine Start

Channel display
with automatic search function

Trim drive
for precise straight-line running

Status knife coupling

Cutting height

Machine tilt angle
in 5° increments

Left/right trim

Left/right

Transport position

Cutting height adjustment

Knife on/off

The illustration shows the remote control for the AS 1000 OVIS EVO RC and AS 990 TAHR RC

BOOK A DEMONSTRATION AND TEST OUR RC MOWERS

THE PROOF OF THE PUDDING IS IN THE EATING

A live demonstration is the best way to assess whether a remotecontrolled mower meets your requirements. The quickest way to arrange a demonstration is through your AS-Motor dealer or directly through us. One of our application engineers will visit you so you can test the machine in your own environment.

EXPERIENCE CANNOT BE TAUGHT

Our engineers have a wealth of field experience over multiple applications and are on hand to offer their expert advice and knowledge to weigh up the various options available from AS Motor.

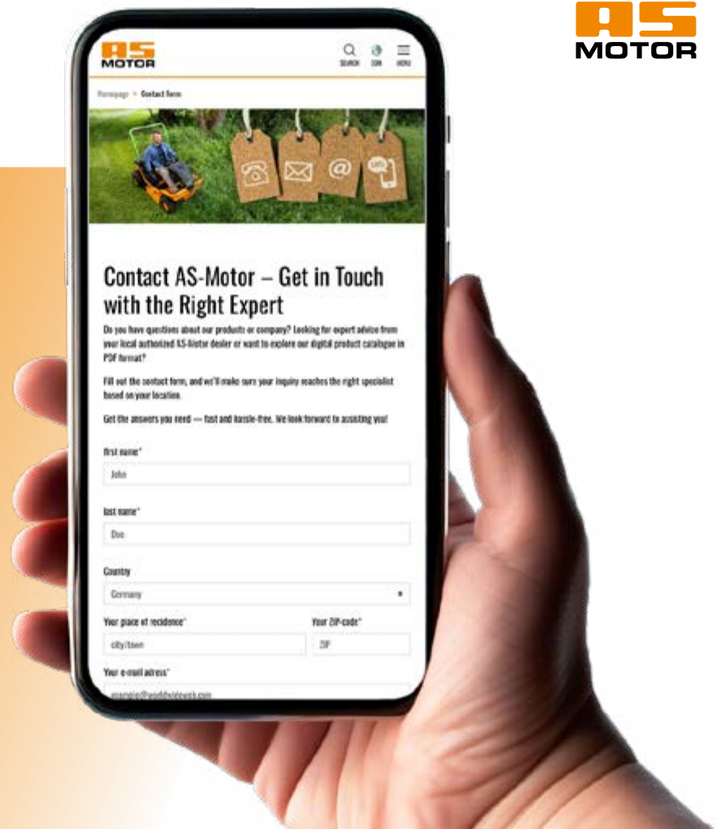
AND WHO WILL TAKE CARE OF IT AFTERWARDS?

AS-Motor RC devices are available exclusively from qualified specialist dealers. Your trusted AS-Motor dealer will take care of maintenance and repairs. Long-term and rapid availability of spare parts is of utmost importance. AS-Motor mowers have been ‘Made in Bühlertann, Germany’ since 1959

Scan this QR code, fill out the contact form and click on ‘Demonstration request’ for your enquiry.

Our experts are on hand and ready to help.

https://www.as-motor.com/contact-form



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