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Easy steep mowing with AS motor - The new remote controlled flail mower with caterpillar drive

AS-Motor is the specialist when it comes to maintaining steep and hard-to-reach slopes. For decades, building yards, gardening and landscaping companies as well as green care service providers have relied on high grass mowers from AS-Motor. After several years of development work and extensive test phases, the experts from the high grass mower manufacturer now present their latest professional mower: the AS 1000 Ovis RC, the remote-controlled tracked flail mower with the highest mowing performance and extreme slope suitability.

By professionals - For professionals

Noise protection embankments, railway embankments, rainwater retention basins, solar parks or wind power plants often pose great challenges for landscape managers and service providers. The difficult-to-access, impassable and steep surfaces must be regularly maintained. The new AS 1000 Ovis RC is up to the task. It combines all the requirements for daily professional use: maximum mowing performance, enormous slope capability and easy handling.

Enormous mowing performance

The power of the Vanguard Professional 2-cylinder engine with 23 hp maximum output is transmitted directly and with low loss to the blade shaft via a belt drive. The 4-stroke OHV engine with cyclone filter is equipped with a particularly strong crankshaft and has a displacement of 627 cm³ at a speed of 3,600 rpm. The AS 1000 Ovis RC enables a mowing speed of up to 5 km/h and thus an area output of up to 5,000 m²/h with an excellent cutting pattern and even grass placement across the entire working width at the same time.

The 100 cm wide flail mower in combination with the somewhat narrower tracked undercarriage makes it easy to mow close to the edge and comfortably to within a few centimetres of crash barriers or other obstacles.

One mowing deck - Many possibilities

Thanks to the flexibly adjustable mowing deck, the new flail mower with tracked undercarriage can be optimally adapted to all terrain conditions. Guided by a wide caster roller, the mower deck adapts perfectly to any contour. When mowing with the steplessly adjustable sliding frame, the specified minimum cutting height must be maintained. Maximum traction in difficult terrain is ensured by the carried insert without ground contact. The AS 1000 Ovis RC's flail mower with its surfing suspension also adapts excellently to uneven ground in difficult and hilly terrain with its large pendulum movement.

Extremely suitable for slopes

The remote-controlled slope mower with its compact design (184 cm long, 115 cm wide, 69 cm high) mows difficult terrain and hard-to-reach areas without any problems – thanks to remote control – from a safe distance. The automatic, mechanical parking brake provides additional safety when working on slopes. The large-dimensioned track units with steel inserts ensure low ground pressure, ideal power transmission and best grip on steep slopes. The deep-seated, horizontally mounted Vanguard Professional engine with optimised oil lubrication and the low overall height are the prerequisites for the low centre of gravity, extreme slope suitability and mowing under deep obstacles, for example in solar parks.

The low weight of only 398 kg not only protects the ground, but the balanced weight distribution and the robust crawler chassis enable safe mowing of extreme steep slopes up to over 50 degrees.

Tried and tested rethought

In their work to develop a completely new product, the development engineers at the high grass mower manufacturer have also used tried and tested components and rethought them. The new AS 1000 Ovis RC uses reliable components from the YAK series, such as the robust flail mower and the belt pressure spring tensioning system. Robust hydraulic motors from large-scale production with their enormous torque also ensure a precise and powerful traction drive.

Simplest handling and maintenance

Clear operating elements and precise controls not only ensure comfortable and intuitive handling, but are also the basis for precise manoeuvring of the machine.

Once the first service has taken place after 100 hours of operation, long maintenance intervals of 400 hours follow. For daily cleaning, the AS 1000 Ovis RC offers excellent accessibility. Air ducts, filters and oil control are accessible without tools and the mower can be easily placed in the service position. This service position provides optimum access to the flail mower. The defined adjustment dimension also guarantees precise track tensioning.

In transport position, the new flail mower with tracked undercarriage is even more compact and only 159 cm long, so that transport to the place of use is no problem either.

The namesake - Ovis

In conclusion, the new AS 1000 Ovis RC remote-controlled flail mower lives up to its name. Because Ovis are large and strong wild sheep. Their habitat stretches over rough mountain slopes at altitudes of up to 5,000 metres. They feel at home in steep terrain, are sure-footed and adapt perfectly to their environment.

The AS 1000 Ovis RC will be available from the 2022 season.

(Preamble & body text: 5054 characters, including spaces)



Youtube channel:

<https://www.youtube.com/user/ASMotorGermany>

About AS-Motor GmbH:

AS-Motor GmbH, based in Bühlertann, has been developing and producing motorised special equipment for garden and landscape maintenance since 1959 and has coined the term all-mower. The machines from AS-Motor are made for extreme requirements, such as slopes or high vegetation. The Swabian family-owned company employs over 135 people and manufactures most of the components itself. For more information, visit www.as-motor.de.

Visuals:



Image 1, Image 2: With the new flail mower AS 1000 Ovis RC, safe mowing is no problem even on extreme steep slopes up to over 50 degrees.



Image 2: The AS 1000 Ovis RC lives up to its name. Ovis are large and strong wild sheep that feel most at home in steep terrain.

Picture credits: AS-Motor GmbH

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