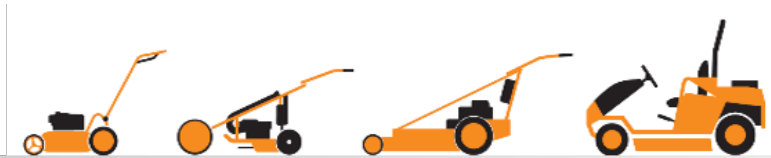


# AS Motor **Ride-On Highgrass Mowers 2022**

Overview of ride-on mowers

positioning, arguments, use and technical data

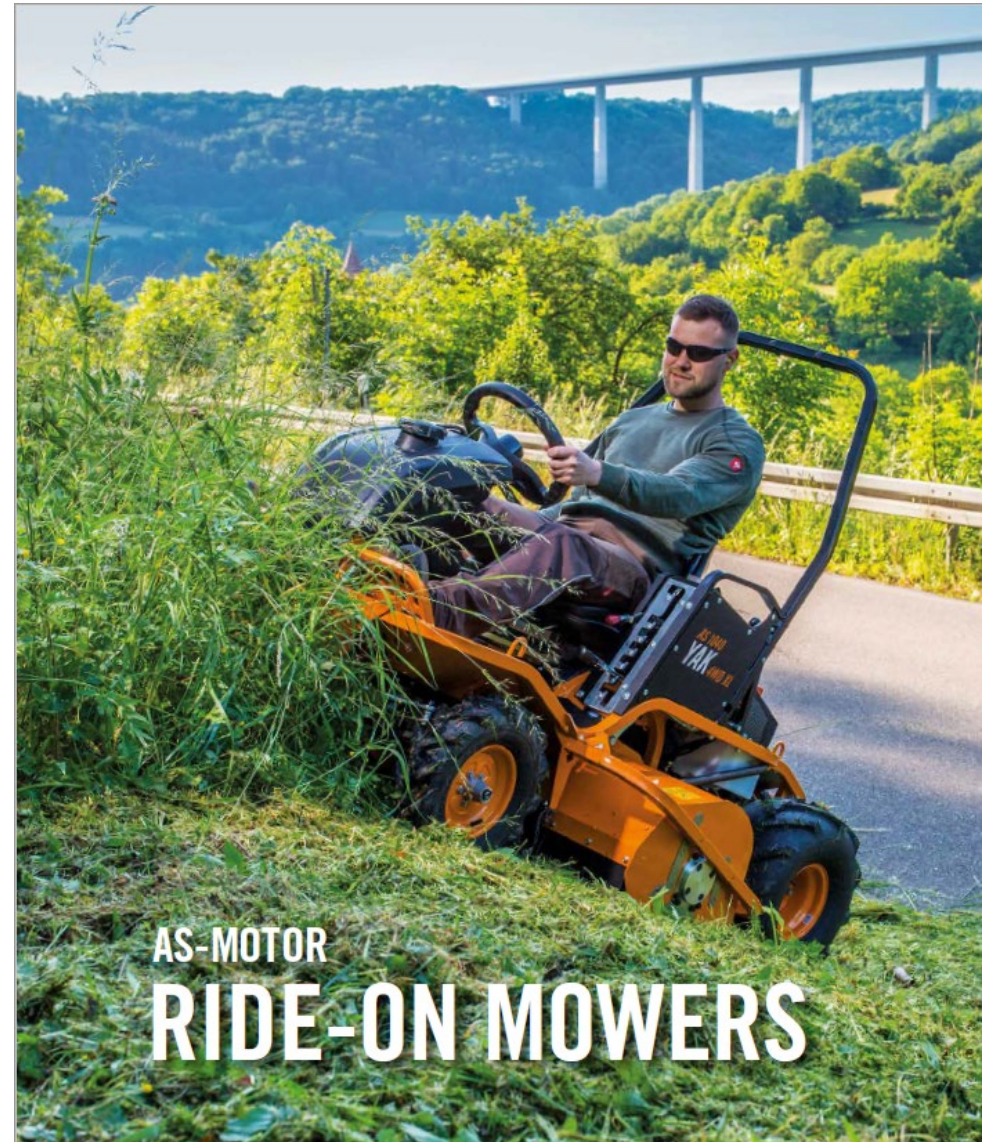


**HOCHGRAS PERFORMANCE**

MADE IN GERMANY

# AS-MOTOR Product Overview

## Ride-On Highgrass Mowers



# AS-Motor Ride-On Mowers



## Differences: ride-on lawnmowers vs. ride-on highgrass mowers

Ride-on lawn mower:	Characteristics:	Ride-on highgrass mower:
approx. 30cm	Maximum grass height:	60 – 150cm
collecting & mulching	Mowing type:	only mulching
yes	Lawn suitability:	rotary mower: yes, mulching kit Flail Mower: no
no	Brush suitability:	yes, up to 25mm thick
high	Risk of clogging mowing deck:	low
high	Blade speed:	lower
low	Cutting power:	high
very clean	Cutting finish:	rougher
high	Machine's centre of gravity:	low
approx. 10-12°, max. 15°	Slope permission according ISO 5359:	18° / 21° / 33°, depending on model
thin blades, partly synchronised	Blade system:	sturdy single or cross blades, flails, no multiple blades
high	Susceptibility to blade collision:	lower with sickle blades, very low with flails
gear ratio	Engine / Blade Ratio:	Reduction
lawn tyres	Tyres:	agriculture / ATV
front- / middle- / side-	Type of mowing deck:	only middle decks
rear- / Front- / Zero-Turn-	Steering:	only front steering
low	Off-road capability:	high



# AS-Motor Ride-On Mowers

Differences: ride-on lawnmowers vs. ride-on highgrass mowers



**Rule: "Where other mowers end AS-Motor ride-on mowers begin":**

AS-Motor ride-on mowers start where ride-on lawn mowers get stuck, clog or burn belts. Even the smallest AS-Motor ride-on mower can manage 60 cm high grass!



**AS-Motor is the specialized in:**

- High grass mowing
- Steep slope mowing
- Mulching



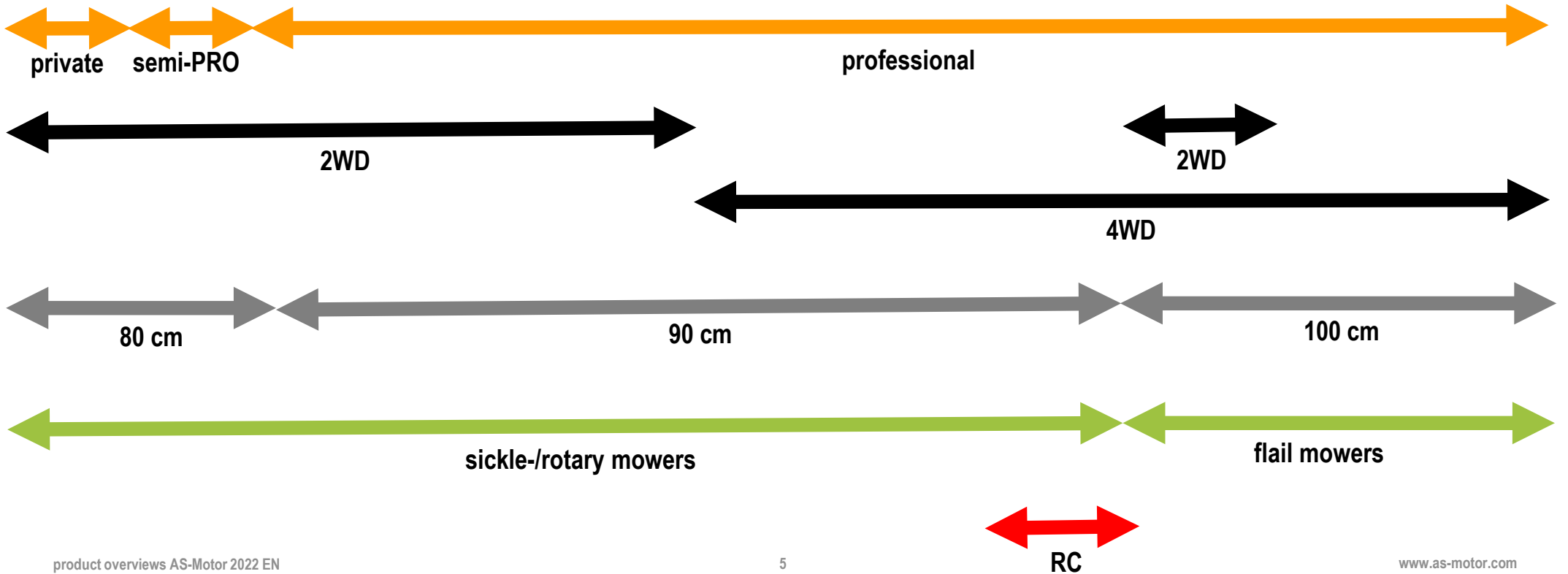
AS-Motor is the inventor of the high grass mower.  
**Made in Germany since 1959.**

**With 11 models, AS-Motor offers the largest selection of ride-on high grass mowers on the market.**



# AS-Motor Ride-On Mowers

Full lineup highgrass ride-on mowers



# AS-Motor Ride-On Mowers

## IN PROFILE: AS-Motor ride-on high grass mowers

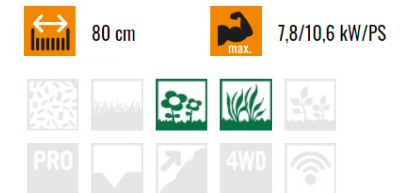


### Models AS 799 Rider & AS 800 FreeRider:



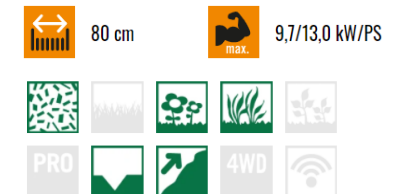
The AS 799 Rider is made for **private users**. With its 80 cm cutting width and **compact dimensions**, it can fit in garages and garden sheds. It has 2WD drive without differential lock and can therefore only be used on **level terrain with good ground**. Although the AS 799 Rider is the best value ride-on mower, it can cut **60 cm of grass** and is used where the cutting power of lawn tractors is no longer sufficient. It has a single blade, without cross blades, in a closed mowing deck with rear discharge.

Area of application: Private orchards and gardens on even terrain.



The AS 800 FreeRider aims at **private and semi-professional users**. It is based on the same platform as the AS 799 Rider, but offers a few more features. The AS 800 FreeRider has a little more power and a **cross blade**. This allows it to cut **grass up to a maximum height of 80 cm**. The **cross blade mulches** the cuttings better than the AS 799 Rider with only one blade. Apart from a more elaborate bonnet, the main difference between the AS 800 FreeRider and the AS 799 Rider is its **differential lock**. As soon as one wheel of the AS 800 FreeRider rear drive spins, the differential can be locked by pressing a pedal. This means that the AS 800 FreeRider can also be used on uneven terrain and slopes up to a maximum of **18 degrees**. This is the essential difference to the AS 799 Rider.

Field of application: Private orchards and gardens, smaller service providers, company properties on slight slopes.



# AS-Motor Ride-On Mowers

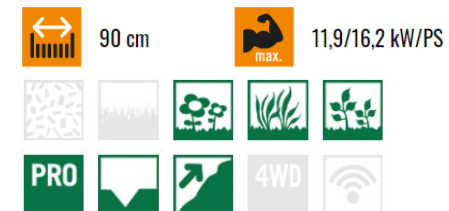
## IN PROFILE: AS-Motor ride-on high grass mowers



### Model AS 900 Enduro:

The AS 900 Enduro is **professional** a rear-wheel drive 2WD high grass mower. It has a **side discharge mowing deck** with **one blade** and replaceable fixed blade tips. The advantage of this mowing deck is its **high mowing speed** in tall grass and medium scrub, up to **130cm high**. Most of the clippings are ejected and deposited to the right side. As far as clippings mulching is concerned, the Sherpa models are better. They have a cross-blade system with rear discharge. The mower deck of the AS 900 Enduro is rigidly suspended. When driving over humps or bumps, the blades may occasionally come into contact with the ground. The AS 900 Enduro has been regularly improved since 1998 and is in its current version a mature, durable and very solid professional mower. Its **additional cooling** allows permanent use at **high driving speeds**. It offers good seating comfort and is **very manoeuvrable**. It can be used on slopes up to 18 degrees.

Fields of application: Service providers, companies, solar parks, energy suppliers, orchards, municipalities, horse farms and ambitious private users on medium slopes.



# AS-Motor Ride-On Mowers

## IN PROFILE: AS-Motor ride-on high grass mowers



### The AS Sherpa family: „Steep uphill since 2010“

Since its launch in 2010, the AS-Motor Sherpa has earned the reputation as the **most powerful highgrass mower in its class**. Professional users in over 35 countries swear by its obvious advantages: its **seating comfort, intuitive operation, cutting power, robustness and high level of safety**.



The Sherpa product family has been expanded over the years and currently consists of **5 models**. Two models with **2WD** drive, the classic Sherpa **4WD**, the Sherpa **4WD XL** and the **remote-controlled AS 940 Sherpa 4WD RC**.

All Sherpas are real **professional** mowers and made for **daily use**. A special feature is its "**surfing mower deck**" with **cross-blade system** and free swinging cutting blades. The closed shape of the mowing deck with rear ejection allows the mowing deck to deflect upwards in case of ground contact on crests or bumps. **This feature prevents ground contact** of the blades and is a unique selling point of all Sherpas. The cross-blade system mulches clippings excellently, allowing them to decompose quickly without smothering the grass underneath.

With its enormous cutting power, Sherpas can handle **tall grass and undergrowth up to 150cm** high and heavy scrub. Mowing intervals of only once a year are thus possible. Ideal for ecologically sensible, extensive green space maintenance.

Another special feature is the **driving lever with integrated parking brake**. In steep and rough terrain, the driver can control the machine with millimeter precision without having to concentrate on the foot and brake pedals. The rider's seating position is almost the same as in a passenger car. Legs are still extended even for **riders up to 1.90m tall**. The comfortable footrest allows the driver to press firmly into the seat when driving off-road. When it comes to safety, the Sherpa scores with a maximum number of **safety systems** that even exceed the requirements of the standard.





# AS-Motor Ride-On Mowers

## IN PROFILE: AS-Motor ride-on high grass mowers



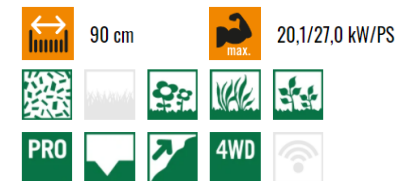
### Model AS 940 Sherpa 4WD:

The AS 940 Sherpa 4WD is the best-selling model in the Sherpa family. Its low weight of **just 290kg**, **low centre of gravity**, 27hp engine and permanent four-wheel drive make it **a master of difficult terrain and slopes**.

The **cross-blade system** cleanly cuts tall vegetation and dense brush, up to 150 cm high, and the **mulching blade** above shreds it. The closed mulching deck with rear discharge directs the clippings between the wheels. This prevents loss of traction, as is the case with all other competitors in its class with side discharge. At the same time, the mulch is not driven over and compressed and can thus decompose quickly and is gone after a few weeks.

When the **"surfing" mowing deck** makes contact with the ground, it **deflects upwards** and prevents the ground from being "scalped". No clippings escape to the closed sides of the mowing deck. The danger of stone throwing is therefore minimal. The driver controls forward, reverse, stop and parking brake via the drive lever on the right hand. A brake **pedal is not necessary**, even on steep slopes. If necessary, both hands can also grip the steering wheel and the driving lever maintains its set speed (**cruise control** function). In the event of panic, the driver can depress the emergency brake pedal on the right foot at any time, reflexively as with a car. With the left foot, the **differential lock** of the rear axle can be operated at any time if the rear wheels spin, without stopping and even under full load.

Side deflectors, a **folding bar** and the **bucket seat** with adjustable seat suspension offer the **highest level of seating comfort** in this class of machine and convey a kart-like, safe seating feeling "in" the machine, not "on" it. The **continuously variable hydrostatic drive** is extremely robust and reliable. First oil change is required after 50 hours and then only every 200 hours. With the **optional mulching kit**, a good cutting pattern can be achieved on lawn-like areas. However, this only applies to grass heights up to a maximum of 50 cm. The installation and removal of the mulch kit is somewhat time-consuming and therefore usually permanent. The mulching-kit is often used in the "rough" of golf courses when steep slopes prevent the use of a common lawn tractor.



# AS-Motor Ride-On Mowers

## IN PROFILE: AS-Motor ride-on high grass mowers



### Model AS 940 Sherpa 4WD XL:



The AS 940 Sherpa 4WD XL differs from the AS 940 Sherpa 4WD only by its **larger wheels** in the format: front: 4.80/4.00-8 and rear: 20x10.00-8. All **other elements are identical**.

The larger wheels with agriculture profile (AS) **increase the ground clearance** of the AS 940 Sherpa 4WD XL by 30mm. 30 millimetres may not seem like much at first glance. But in difficult, uneven terrain and when driving over hilltops, the ground clearance clearly makes itself felt. Less frequent bumping and less use of the differential lock are the effect.

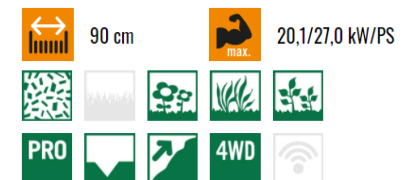
The higher ground clearance causes all cutting heights to increase by 30mm, even the lowest. It is then 80 - 135 mm instead of 50 - 105 mm.

The large tyres on the rear axle of the AS 940 Sherpa 4WD XL also protrude slightly beyond the mowing width of the mowing deck. This gives **advantages in traction** on slopes but at the same time pushes some grass over, which slightly worsens the cutting pattern compared to the standard Sherpa AS 940 Sherpa 4WD.

**On steep slopes**, the Sherpa XL and the Sherpa RC with the same tyres are the **best machines in their class** on the market. Even the AS 1040 YAK 4WD XL is not quite up to them on slopes, due to its heavier weight.

**Whenever the terrain is very difficult, the XL version of the Sherpa or YAK should be considered.**

For a nicer cutting pattern, the standard Sherpa is recommended. In terms of appearance, the XL versions of the Sherpa and YAK generally have a stronger effect. In part, this effect should not be underestimated in sales.



## IN PROFILE: AS-Motor ride-on high grass mowers

### Model **AS 940 Sherpa 4WD RC**:

The **basis for the AS 940 Sherpa 4WD RC is the AS Sherpa 4WD XL** with larger tyres and 30 mm more ground clearance compared to the standard AS 940 Sherpa 4WD. The AS 940 Sherpa 4WD RC can be driven in **manual mode (MC)** as usual **or in remote controlled mode (RC)** if required. To change the mode, simply operate a mechanical selector lever on the bonnet with the engine running and the blade stationary. When the selector lever is switched to RC mode, the following happens: A geared electric motor engages the steering and takes over the steering movements, a geared electric motor engages the drive lever and takes over the lever's movements and a linear actuator takes over the operation of the differential lock at the push of a button. To use the RC mode, the driver takes the RC remote control out of the holder below the steering wheel. The radio commands from the remote control are converted into control commands by the receiver on the bonnet and passed on to the electric motors.

In MC mode, the remote control hanging in the holder serves as a dashboard for the electric cutting height adjustment, engine start/stop, horn and blade on/off. However, the differential lock in MC mode is still engaged mechanically by foot pedal. The mechanical blade clutch is operated by a linear actuator.



### The **advantages** of a remote-controlled ride-on highgrass mower are obvious:

- **More safety on the slope.**

As soon as there is a risk of danger for a rider, he switches from MC to RC mode. In RC mode, the rider keeps a constant safe distance from the machine. The safest place is above and behind the machine.

- **More comfort for the user.**

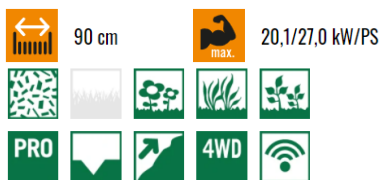
No dust, no vibrations, no exhaust fumes, no pollen, no insects, less noise and no thorns.

- **Extended range of use.**

Without a driver on the machine, in RC mode, it is possible to work up to a slope of 33 degrees. From a slope of 33 degrees, the operator is warned by a beep. This means that slopes that previously had to be mown by hand can be mown more safely.

- **Manageable costs and rapid amortisation.**

The Sherpa RC's wide range of applications for mowing work and the manageable additional price compared to the manual version of the Sherpa XL enable service providers to recoup their investment in a short time.



# AS-Motor Ride-On Mowers

## IN PROFILE: AS-Motor ride-on high grass mowers



### Model AS 920 Sherpa 2WD:

The AS 920 Sherpa 2WD is identical in construction to the AS 940 Sherpa 4WD, except for the missing hydrostatically driven front axle.

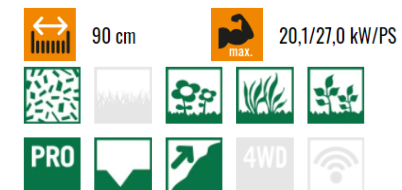
As a 2WD machine with continuously variable hydrostatic drive, it scores points for **manoeuvrability** and **driving speed**.

The smooth steering enables extreme steering angle of the wheels and thus the **tightest turning circles** around obstacles.

In lower grass, it can exploit its higher driving speed of almost 11 km/h. For technical reasons (oil temperature of the hydrostatic drive), 4WD-driven machines can only reach a top speed of about 7 km/h. On flat surfaces and in slightly sloping terrain, the AS 920 Sherpa 2WD can turn extremely fast.

The AS 920 Sherpa 2WD achieves one of the **highest area performances on flat surfaces** and in slightly hilly terrain up to a maximum gradient of 18 degrees.

For maximum safety on steep slopes, however, 4WD machines are always preferable.



# AS-Motor Ride-On Mowers

## IN PROFILE: AS-Motor ride-on high grass mowers



### Model AS 915 Sherpa 2WD:

The AS 915 Sherpa 2WD is a **real Sherpa at an attractive price**. In return, it does without some equipment elements without compromising on the cutting pattern.

As a 2WD machine with continuously variable hydrostatic drive, it scores points for **manoeuvrability** and **driving speed**.

The smooth steering enables extreme steering angle of the wheels and thus the tightest turning circles around obstacles.

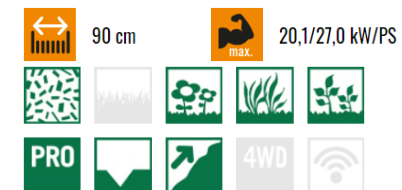
In lower grass, it can exploit its higher driving speed of almost 11 km/h. For technical reasons (oil temperature of the hydrostatic drive), 4WD-driven machines can only reach a top speed of about 7 km/h. On flat surfaces and in slightly sloping terrain, the machine can turn extremely fast.

On flat surfaces and in slightly hilly terrain up to a maximum gradient of 18 degrees, the AS 915 Sherpa 2WD achieves high area performance.

For maximum safety on steep slopes, however, 4WD machines are always preferable.



Technical details: [See next page!](#)



### All good things are simple – AS 915 Sherpa 2WD

- »»» A SHERPA stripped down to the essential.
- »»» The most attractive ride-on high grass mower in its class.
- »»» Still a real professional mower.
- »»» Made in Germany.



#### Modifications compared to AS 920 Sherpa 2WD:

- ✓ 22 PS B&S Professional
- ✓ No foldable bar as standard\*
- ✓ Simpler engine bonnet
- ✓ No seat spring package as standard\*
- ✓ No additional emergency brake pedal\*
- ✓ No additional mower deck reinforcement
- ✓ No hour meter as standard\*

\* can be retrofitted

# AS-Motor Ride-On Mowers

## IN PROFILE: AS-Motor ride-on high grass mowers



### The AS YAK family: „clean finish, strong and robust“



Flail mowers are mainly used in **agriculture**, by **municipalities** and **road maintenance** services. The reason for this is their **robustness** in daily, tough use. The movable flails attached to a horizontally rotating axle mow tall grass and scrub very evenly and **shred it perfectly**. The clippings are deposited over the entire mowing width and leave **no swaths**.

Flail mowers are also characterized by their **higher mowing speed** compared to rotary mowers. When it comes to area output (m<sup>2</sup>/h), flail mowers are the first choice for professionals.

In municipal use, particular attention is paid to the reliability of a machine. Hidden foreign bodies in unknown areas can damage rotary mowers. Flail mowers also have a design advantage here. The flexibly mounted flails can fold away and take **evasive action** in the event of a **collision with hard objects**. This reliably prevents serious damage to the blades.

### The advantages of a flail mower are of particular interest to every commercial user:

- **Clean cutting pattern** and **uniform discharge** in even dense vegetation
- **Higher area output** than rotary mowers
- **Robustness** of the blade system
- **Less downtime** and **reduced maintenance intervals**



The AS 1040 YAK 4WD was presented by AS-Motor in 2018. It was the result of continuous demands from the market. Dealers and professional users wanted an all-terrain ride-on mower like the AS Sherpa, combined with the powerful flail mower of the AS 901 SM flail mower. After three years of development, the AS YAK 1040 4WD was presented. Since then, more and more professional users and rental companies are switching from a rotary mower to a flail mower. The main reasons cited are increased profitability - higher area output and less downtime and maintenance. Since 2018, the AS-YAK family has been further expanded, analogous to the AS-Sherpa family. Now there are three models of the AS YAK to choose from. Try out the YAK for yourself. You will be thrilled!

# AS-Motor Ride-On Mowers

## IN PROFILE: AS-Motor ride-on high grass mowers

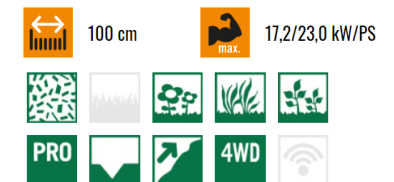


### Model AS 1040 YAK 4WD:



The AS 1040 YAK 4WD is a combination of the AS Sherpa 4WD and the mower deck of the AS 901 SM flail mower. With a weight of **only 335 kg**, its **low centre of gravity**, a 23 hp Vanguard engine with cyclone filter and its permanent four-wheel drive, it is **at home in difficult terrain and on slopes**.

The Y-blade pairs cleanly cut **tall vegetation and dense brushwood**, up to **150 cm** high, and **shred it excellently** into fine mulch. The grass is laid down very evenly over the entire cutting width of 100 cm. The **mulch layer can decompose quickly** and disappears after a few weeks. If the "surfing" mower deck makes contact with the ground at the guide skids, it deflects upwards. The driver controls forward, reverse, stop and parking brake via the drive lever on the right hand. A **brake pedal is not necessary**, even on steep slopes. If necessary, both hands can also grip the steering wheel and the driving lever maintains its set speed (cruise control function). In the event of panic, the driver can depress the emergency brake pedal on the right foot at any time, reflexively as with the PKM. With the left foot, the differential lock of the rear axle can be operated at any time if the rear wheels spin, without stopping and even under full load. Side deflectors, a folding bar and the bucket seat with adjustable seat suspension offer the **highest level of seating comfort** in this class of machine and give a safe feeling of sitting "in" the machine, not "on" it. The continuously variable hydrostatic drive is extremely robust and reliable. First oil change is required after 50 hours and then only every 200 hours. The entire underbody of the machine is protected by mudguards and the mowing deck has flush ports for easy cleaning. The YAK's wheels are filled with **professional tyre sealant as standard** and reliably protected against punctures. The asymmetric mower deck, flared to the left, enables precise, **edge-to-edge mowing along obstacles**, fences and guard rails. The 28 pairs of Y-blades can be used on both sides and the rotor is equipped with maintenance-free bearings. The **enormous cutting performance** is achieved by **direct power transmission from the engine to the rotor**, without deflection through an angular gear.





# AS-Motor Ride-On Mowers

## IN PROFILE: AS-Motor ride-on high grass mowers



### Model AS 1040 YAK 4WD XL:

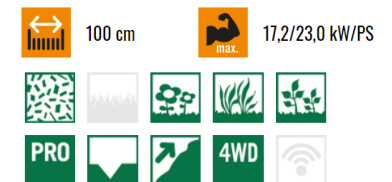


The AS 1040 YAK 4WD XL differs from the AS 1040 YAK 4WD only by its **larger wheels** in the format: front: 4.80/4.00-8 and rear: 20x10.00-8.

All other elements are identical. The larger wheels with aggressive ATV profile **increase the ground clearance** of the AS 1040 YAK 4WD XL by 30mm. 30 millimetres may not seem like much at first glance. But in difficult, uneven terrain and when driving over hilltops, the ground clearance clearly makes itself felt. Less frequent bumping and less use of the differential lock are the effect. Despite the higher ground clearance, the cutting height range remains identical to the AS 1040 YAK 4WD at 30 - 110 mm.

**Whenever the terrain is difficult, the XL version of the YAK should be considered.**

In terms of appearance, the XL versions of the YAK and Sherpa generally appear more powerful. In part, this effect should not be underestimated in sales.



# AS-Motor Ride-On Mowers

## IN PROFILE: AS-Motor ride-on high grass mowers



### Model AS 1020 YAK 2WD:



The AS 1020 YAK 2WD is **identical in construction** to the AS 1040 YAK 4WD, except for the missing hydrostatically driven front axle.

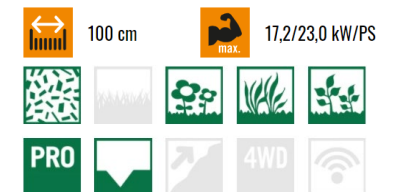
The aim of the AS 1020 YAK 2WD is to provide an **alternative** with a flail mower **to every 2WD ride-on rotary mower** on the market. If professional users complain about too frequent blade repairs on their rotary mowers, the AS 1020 YAK 2WD now offers a **better and more economical solution**.

The price of the AS 1020 YAK 2WD is very attractive and over **6,000 € less in price** than the 4WD version.

The **smooth steering** makes it easy to steer around obstacles.

On flat surfaces and in slightly hilly terrain up to a maximum slope of 18 degrees, the AS 1020 YAK 2WD achieves **excellent area performance** and a **better cutting pattern than rotary mowers**.

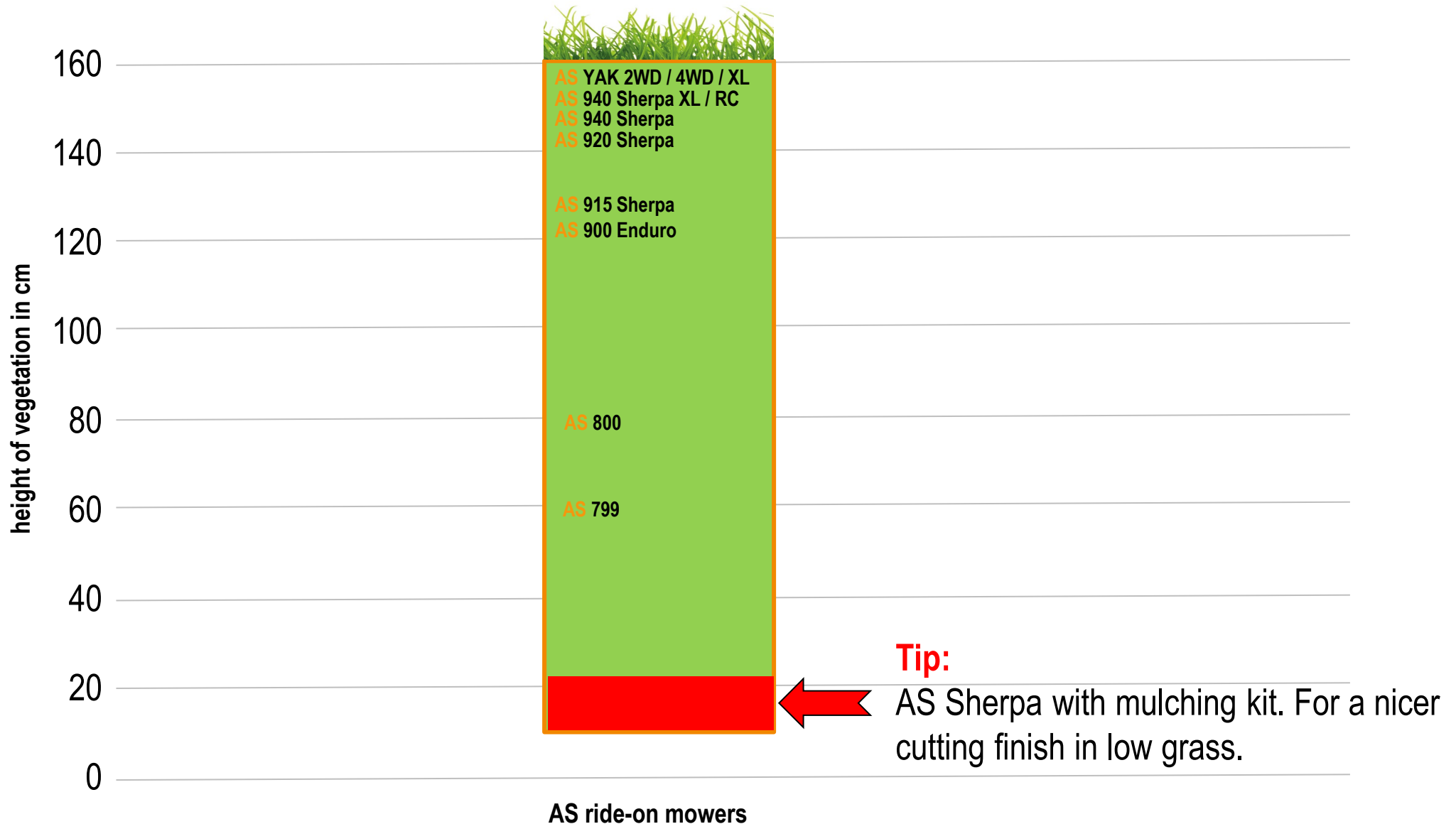
However, for maximum safety on steep slopes and slopes of 18 degrees or more, 4WD models should always be used.



# AS-Motor Ride-On Mowers

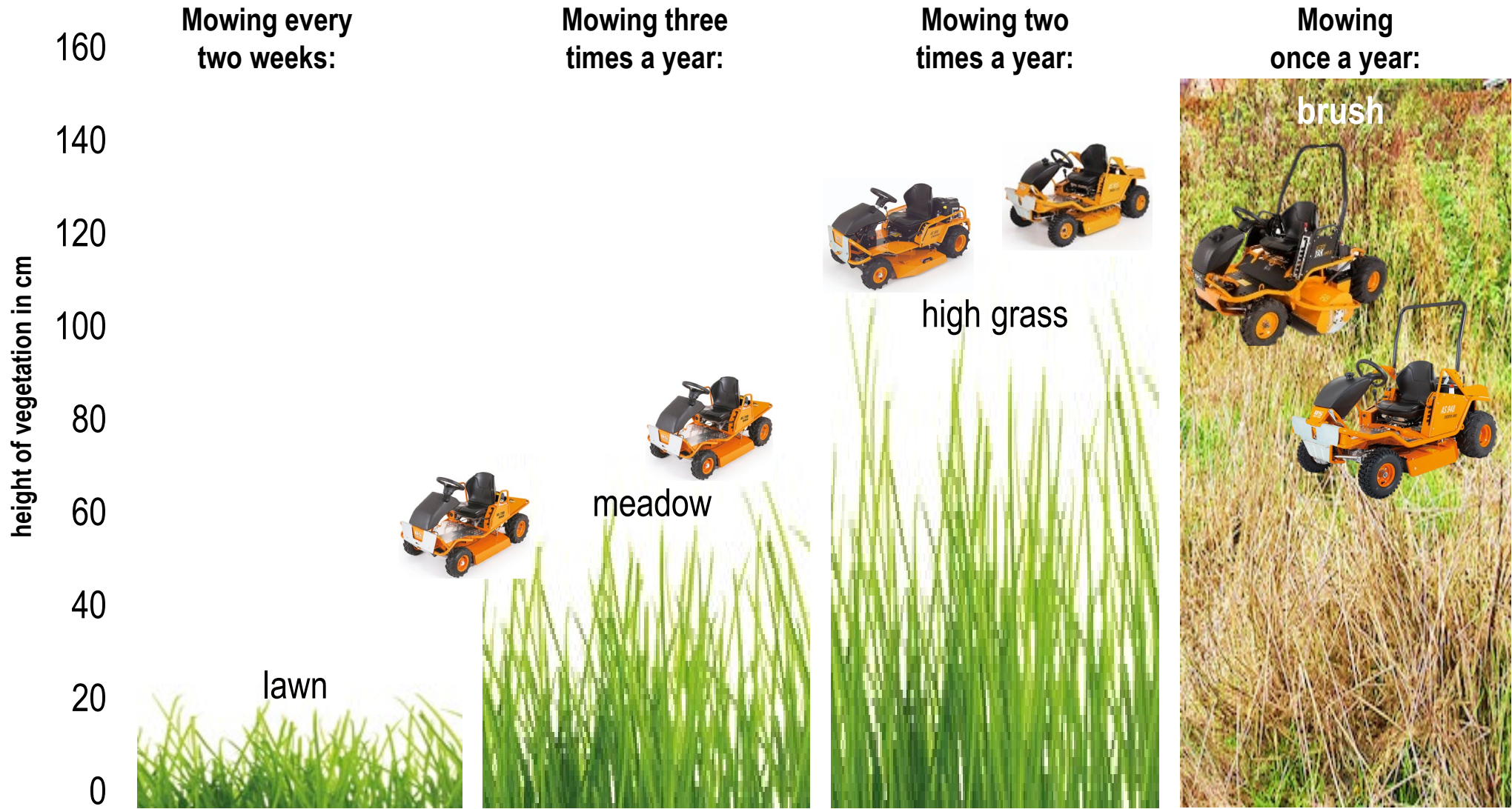


Which machine for which grass height?



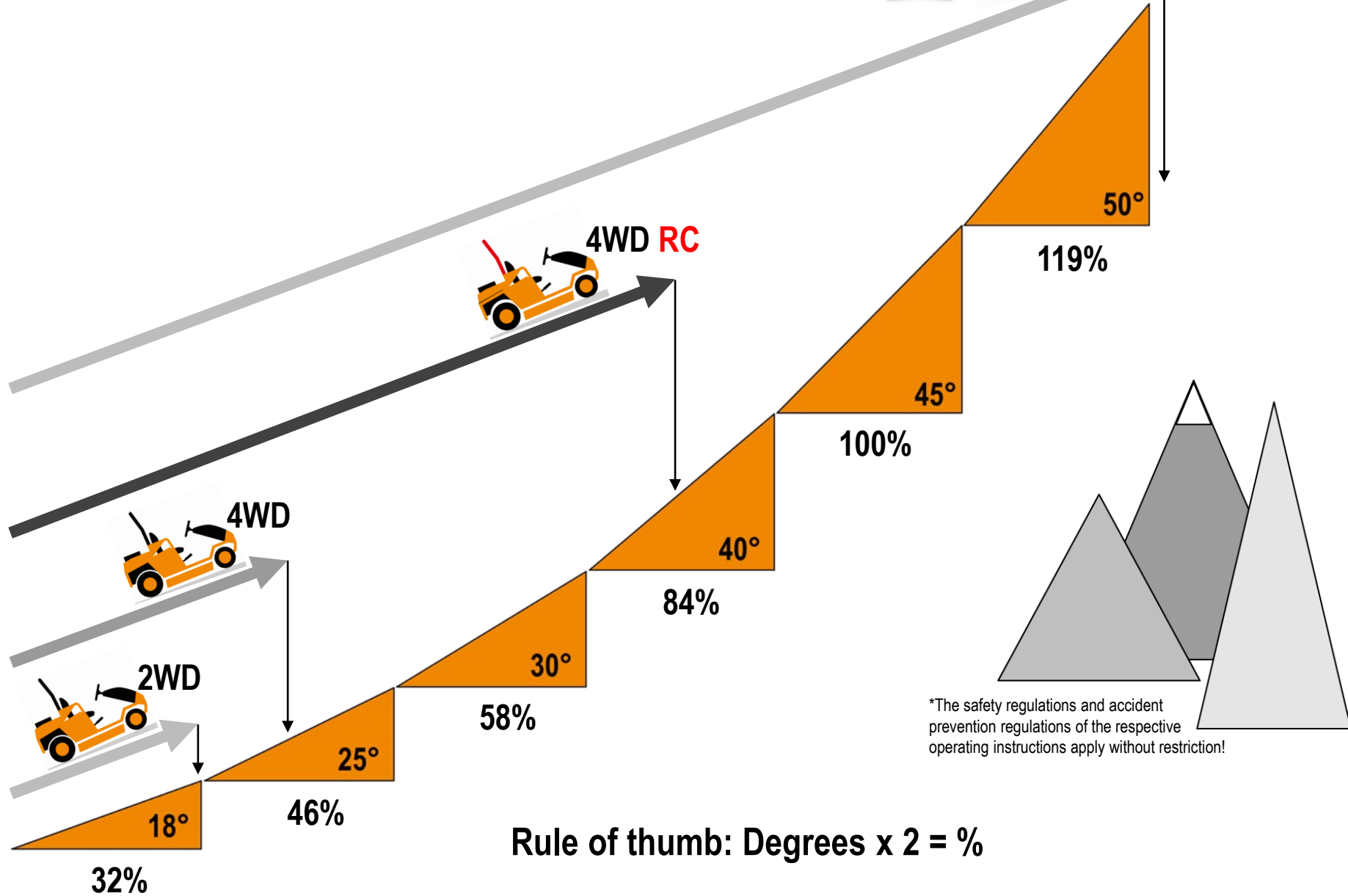
# AS-Motor Ride-On Mowers

## How often to mow and with which machine?



# AS-Motor Ride-On Mowers

Which machine for which slope?\*

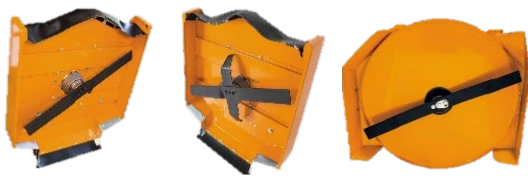


# AS-Motor Ride-On Mowers

## Overview of the different types mowing decks



AS 799    AS 800    AS 900    AS 915 Sherpa    AS 920    AS 940    AS 940 XL    AS 940 RC    AS 1020 YAK    AS 1040 YAK    AS 1040 YAK XL



### Rotary Mowing Deck:

- Laterally closed
- Rear ejection
- Single blade AS 799
- Cross blade AS 800
- Upward deflecting on contact with the ground

### Rotary Mowing Deck:

- Side flaps
- Side ejection
- Single blade with replaceable blade tips



### Rotary Mowing Deck:

- Laterally closed
- Rear ejection
- Cross blade
- Replaceable, swing-through cutting blades that can be used on both sides
- Rigid upper mulching blade (can be removed on request)
- Upward deflecting on ground contact
- On all Sherpa models



### Flail Mowing Deck:

- Laterally closed
- Rear ejection
- 28 pairs of Y-flails
- Upward deflection on ground contact
- All YAK models

# AS-Motor Ride-On Mowers

## Plenty of arguments for the AS 940 Sherpa 4WD



### Safe & professional

### Highest comfort

Foldable bar and side deflectors

One-hand control with integrated parking brake. No extra brake pedal !

3-fold safety shutdown: blade, engine and drive

New AS seat spring package as standard

Powerful 724 cc bi-cylinder engine with 27 hp max. Fully slope capable, with oil pump

Maximum space and foot room on market

Perfect hydrostatic cooling for permanent professional use

Weight-optimised construction with all-round steel frame. Only 298 kg ! (Sherpa XL)

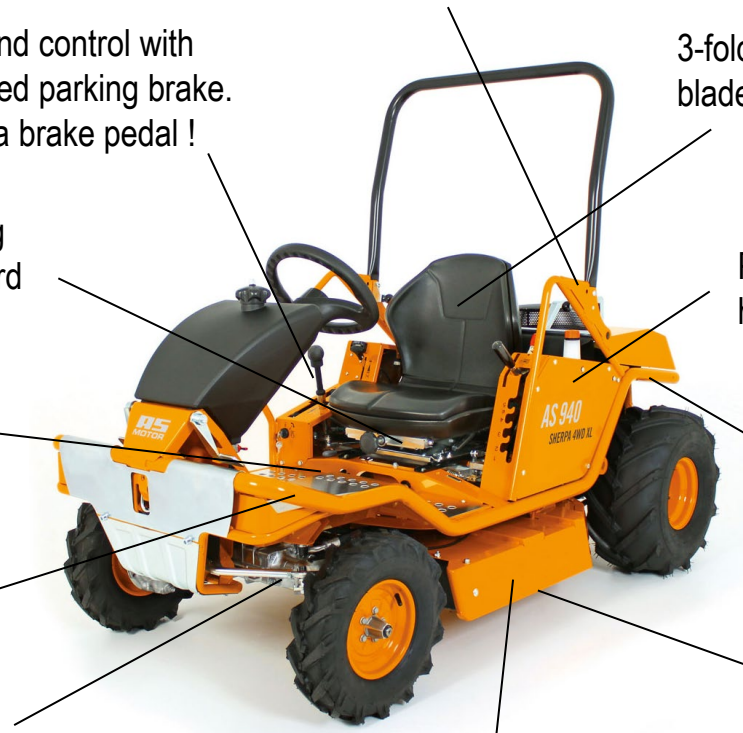
Closed mulching deck with Cross blade system and flexible cutting blades

### Maximum slope performance

Permanent 4-wheel drive with "intelligent" front axle Accelerating the outside wheel on turns

Surfing mower deck, lifts upwards on ground contact.

### Surfing mowing deck



# AS-Motor Ride-On Mowers

Product family AS YAK



## The AS YAK Models

- » +30% higher area throughput (compared to AS 940)
- » clean & uniform cutting finish
- » flail mower – less downtime, resistant to blade impacts



**AS 1020 YAK 2WD**  
- 2WD rear wheel drive  
- the „lowlands“ YAK  
- Suitable up to 18° slopes max.



**AS 1040 YAK 4WD**  
- 4WD permanent  
- wheel size 15x5.00-6, 18x9.5-8



**AS 1040 YAK 4WD XL**  
- 4WD permanent  
- wheel size: 4.8/4.00-8, 20x10.00-8  
- +30 mm higher ground clearance  
- for extreme terrains



# AS-Motor Ride-On Mowers

## TOP-arguments for AS 1040 YAK 4WD



### Highest operating comfort

- Upright sitting position and plenty of legroom
- New seat suspension system by series
- Weight-optimised construction with rigid square steel frame. Only 335 kg !

### Maximum slope capability

Permanent 4-wheel drive with "intelligent" front axle

One-hand control with cruise control without additional brake pedal

Foldable bar and side deflectors

Professional Vanguard V-Twin, 627 ccm, 23 hp max., fully slope capable, 3 years professional warranty

Tyres with anti-puncture liquid by series

### Professional & robust

Flail mower - safety in case of collision with foreign objects

Asymmetric 100 cm flail mower with double-sided Y flails and quick service openings

Surfing mower deck, escapes upwards when touching the ground

Extremely low centre of gravity due to low construction

### 30% more area output



# AS-Motor Ride-On Mowers

Fields of application – AS-YAK



**Municipal maintenance**



**Gardening and landscaping**



**Solar parks**



**Viticulture**



**Road maintenance**



**Utilities**



**Meadow orchards**



**Commercial landscaping**

# AS-Motor Ride-On Mowers

## Accessories (in excerpts)



### AS-Motor tyre sealant: (it works better than you think!!!)



- Reliably seals punctures and stuck thorns
- Prevents creeping pressure loss
- Significantly reduces downtime and repair costs
- Water soluble and washable
- No sticking on rims
- Unlimited shelf life
- Integrated stain protection
- Mechanism of action: flexible Kevlar fibres in aqueous solution
- Efficiency with tubeless tyres >90%+
- Efficiency with tubular tyres >75%+



#### TRANSPORT BOX KIT

Compact transport box for installation behind the driver's seat suitable for all YAK models.



#### LED-HEADLIGHTS

Two high power 18W LED headlights, with mount, switch and cable. For all Sherpa models except AS 915 Sherpa 2WD and AS 940 Sherpa 4WD RC.



#### TRAILER HITCH AS SHERPA / AS YAK

For connecting the AS trailer with all Sherpa and YAK. Max. tensile load: 100 kg, max. drawbar load: 25 kg.



#### MULCHING KIT AS SHERPA

Improves the cutting pattern and ensures a more uniform grass placement at grass heights of up to max. 40 cm. Suitable for all AS Sherpa ride-on mowers.



#### BLADE SPACER

Spacer for replacing the upper mulching blade on all Sherpas. Advantageous in fibrous vegetation or for higher mowing speed in dense vegetation.



#### TRAILER

External dimensions L/W/H in cm: 154/85/50. Load floor L/W/H in cm: 107/60/27. Weight: 31 kg. Total weight: 100 kg. Rear flap removable.



#### STEERING KNOB

Facilitates one-handed steering and manoeuvring. Follow safety instructions.

# AS-Motor Ride-On Mowers

## Technical data 1/2



	AS 799 Rider	AS 800 Free-Rider	AS 900 Enduro	AS 915 Sherpa 2WD	AS 920 Sherpa 2WD	AS 940 Sherpa 4WD	AS 940 Sherpa 4WD XL	AS 940 Sherpa 4WD RC	AS 1020 YAK 2WD	AS 1040 YAK 4WD	AS 1040 YAK 4WD XL
<b>General information:</b>	high grass ride-on mower	high grass ride-on mower	high grass ride-on mower	high grass ride-on mower	high grass ride-on mower	high grass ride-on mower	high grass ride-on mower	high grass ride-on mower	high grass ride-on mower	high grass ride-on mower	high grass ride-on mower
Category:	private	semi-pro	pro	pro	pro	pro	pro	pro	pro	pro	Pro
Target group private/semi-pro/pro:	private	semi-pro	pro	pro	pro	pro	pro	pro	pro	pro	Pro
Cutting width in cm	80	80	90	90	90	90	90	90	100	100	100
Mow:	x	x	x	x	x	x	x	x			
Mulch:		x		x	x	x	x	x	X	x	x
Maximum grass height in cm:	60	80	120	120	150	150	150	150	150	150	150
Suitable for lawns:	x	x	x	x	x	x					
Light undergrowth:		x	x	x	x	x	x	x	X	x	X
Moderate undergrowth:			x	x	x	x	x	x	X	x	X
Dense undergrowth:					x	x	x	x	X	x	X
Maximum work rate in m2/h:	6.800	6.800	9.000	9.450	9.450	5.500	5.500	5.500	6.800	6.800	7.500
Real work rate in m2/h (60%):	4.080	4.080	5.400	5.670	5.670	3.300	3.300	3.300	4.080	4.080	4.500
Bucket seat:	x	x		x	x	x	x	x	X	x	X
Adjustable seat:	x	x	x	x	x	x	x	x	X	x	X
Seat spring package standard equipment:					x	x	x	x	X	x	X
Seat spring package optional:	x	x	x	x							
Bar:					x	x	x	x	X	x	X
Bar, folding:					x	x	x	x	X	x	X
12 V socket:				x	x	x	x	x	X	x	X
<b>Blade system:</b>											
Sichel mower:	x	x	x	x	x	x	x	x			
Flail mower:									X	x	X
Cross-blade system:		x		x	x	x	x	x			
Single blade system:	x		x								
Reversible flails:									X	x	X
Replaceable blade tips:			x	x	x	x	x	x			
Movable blades:				x	x	x	x	x	X	x	X
Triple blade bearing arrangement:	x	x		x	x	x	x	x			
Blade clutch, electric/mechanical:	m	m	e	m	m	m	m	m	M	M	M
Side discharge:			x								
Rear discharge:	x	x		x	x	x	x	x	X	x	X
Closed mower deck:	x	x		x	x	x	x	x	X	x	X
Surfing mower deck:				x	x	x	x	x	X	x	X
Optional lawn mulch kit:				x	x	x	x	x			
Cutting height adjustment levels:	4	4	4	5	5	5	5	5	7	7	7
Cutting height in mm:	35 - 85	35 - 85	50 - 90	50 - 105	50 - 105	50 - 105	80 - 135	80 - 135	30 - 110	30 - 110	30 - 110

# AS-Motor Ride-On Mowers

## Technical data 2/2



		AS 799 Rider	AS 800 Free-Rider	AS 900 Enduro	AS 915 Sherpa 2WD	AS 920 Sherpa 2WD	AS 940 Sherpa 4WD	AS 940 Sherpa 4WD XL	AS 940 Sherpa 4WD RC	AS 1020 YAK 2WD	AS 1040 YAK 4WD	AS 1040 YAK 4WD XL	
<b>Drive:</b>	Variable hydrostatic transmission:	x	x	x	x	x	x	x	x	X	x	X	
	2WD rear-wheel drive:	x	x	x	x	x				X			
	4WD drive, permanent:						x	x	x		x	X	
	Max. speed in km/h:	8	8	10	10,5	10,5	6,2	6,7	6,7	6,8	6.8	7.5	
	Brake pedal:		x	x		x	x	x	x	X	x	X	
	Cruise control function:		x	x		x	x	x	x	X	x	X	
	Parking brake:	x	x	x	x	x	x	x	x	X	x	X	
	Automatic parking brake:	x	x		x	x	x	x	x	X	x	X	
	Limited-slip differential:		x	x	x	x	x	x	x	X	x	X	
	Tyre size, front:	13x5,00-6	13x5,00-6	13x3.50-6	15x5.00-6	15x5.00-6	15x5.00-6	4.80/4.00-8	4.80/4.00-8	15x5.00-6	15x5.00-6	4.80/4.00-8	
Tyre size, rear:	16x6,50-8	16x6,50-8	17x8.00-8	18x9.50-8	18x9.50-8	18x9.50-8	20x10.00-8	20x10.00-8	18x9.50-8	18x9.50-8	20x10.00-8		
<b>Engine:</b>	Engine manufacturer:	B&S	B&S	B&S	B&S	B&S	B&S	B&S	B&S	B&S	B&S	B&S	
	Engine designation:	Series 3 Powerbuilt	Series 3 Intek	Series 7 Intek	Professional Series 7220	Professional Series 8	Professional Series 8	Professional Series 8	Professional Series 8	Professional Series 8	Vanguard V-Twin, Cyklonfilter	Vanguard V-Twin, Cyklonfilter	Vanguard V-Twin, Cyklonfilter
	1-cyl. 4-stroke engine:	x	x										
	2-cyl. 4-stroke engine:			x	x	x	x	x	x	X	x	X	
	Displacement in cm <sup>3</sup> :	344	344	656	656	724	724	724	724	627	627	627	
	Starting device manual/electric:	e	e	e	e	e	e	e	e	E	e	e	
	Oil and fuel pump:	x	x	x	x	x	x	x	x	X	x	X	
	Oil pressure switch:		x	x	x	x	x	x	x	X	x	X	
	Oil filter:		x	x	x	x	x	x	x	X	x	X	
	Tank capacity in l:	15	15	15	15	15	15	15	15	16	16	16	
	Tank reserve:	x	x	x	x	x	x	x	x	X	x	X	
	Rated power in kW/hp:	6,5/8,8	7,6/10,3	11,1/15,1	13,3/18,0	16,5/22,4	16,5/22,4	16,5/22,4	16,5/22,4	16,5/22,4	15,5/21,1	15,5/21,1	15,5/21,1
	Rated speed (rpm):	3.200	3.200	3.300	3.300	3.300	3.300	3.300	3.300	3.300	3.600	3.600	3.600
	Maximum power in kW/hp:	7,8/10,6	9,7/13,0	11,9/16,2	16,4/22,0	20,1/27,0	20,1/27,0	20,1/27,0	20,1/27,0	20,1/27,0	17,2/23,3	17,2/23,3	17,2/23,3
	Maximum speed in rpm:	3.600	3.600	3.600	3.600	3.600	3.600	3.600	3.600	3.600	3.600	3.600	3.600
<b>Dimensions and weights:</b>	Weight in kg:	203	227	298	270	280	290	298	310	323	335	351	
	Dimensions LxWxH in cm:	170x87x96	170x87x96	183x100x95	191x98x152	191x98x152	191x98x152	191x106x156	191x106x156	199x122x159	199x122x159	199x122x162	
<b>Measured values:</b>	Sound power level at the operating station L <sub>pA</sub> in accordance with DIN EN 12733 in dB:	85	87	88	89,4	90	90	90	91/0 (MC/RC)	92,7	92,7	92,7	
	Hand-arm vibration a <sub>h,W</sub> in accordance with DIN EN 12733 in m/s <sup>2</sup> :	1,1	1,7	3,8	1,5	1,4	1,4	1,2	2,0/0 (MC/RC)	1,3	1,1	1,3	

Thank you for your **interest!**

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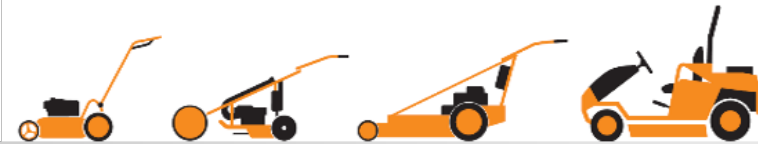
Ellwanger Strasse 15

D – 74424 Buehlertann

Germany

[info@as-motor.de](mailto:info@as-motor.de)

[academy@as-motor.de](mailto:academy@as-motor.de)



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