

AS
MOTOR

2017



GENERAL CATALOGUE

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HIGH GRASS PERFORMANCE MADE IN GERMANY

THE HIGH GRASS MOWER MANUFACTURER

OUR COMPETENCE: MARKET LEADER IN THE HIGH-GRASS MOWER CATEGORY

Whether high grass, steep slopes or rough terrain – we produce mowers for the most rigorous demands and for any terrain. And we have been doing it for almost 60 years. This experience makes us number 1 when the task at hand is mulching high grass and turf.

OUR STRENGTH: INNOVATION AND CUSTOMER FOCUS

Our models are subject to continuous further development in close collaboration with our customers. We respond to the needs of our customers with new, innovative products. For example, with the new AS 940 Sherpa 4WD RC, the world's first ride-on Allmäher with remote control!

OUR QUALITY PHILOSOPHY: MADE IN GERMANY

AS high grass mowers are German quality work. Consequently, we manufacture more than 90 percent of the parts for our 2-stroke engine ourselves. We have all other components manufactured by regional producers to our specifications. This is the only way we can satisfy our high quality requirements.

OUR PROMISE: SUSTAINABILITY

The long service life and reliability of our products are famous. Our guarantee: Spare parts are available for at least 15 years. Our jobs are just as sustainable: The average job tenure in our company is over 25 years. Thus valuable expertise is accumulated and remains in the company.

OUR CONVICTION: PARTNER TO SPECIALISED RETAIL

We build high-quality, technically sophisticated machines. These machines are sold exclusively through trained, authorised dealers, supported by our qualified sales employees. Together with the specialised retail trade we conduct numerous product demonstrations – also in your area. Experience what makes our mowers different from other devices for yourself!

OUR OBLIGATION: TRADITION AND PASSION

Since 1957 at AS-Motor everything has been centred on high-grass mowers and 2-stroke engines. The medium-sized family enterprise was founded by the grandfather of today's managing director. He was also the person who developed the legendary Allmäher®.

»Each day anew, together with my motivated team I look forward to continuing the dream of my grandfather: To fill you with enthusiasm for our machines!«

Eberhard Lange,
Managing Director and grandson of the founder of the company

AS Mulching Mowers

Mulching mowers — the time-saving alternative! Today's grass will be tomorrow's fertiliser. AS mulching mowers don't just cut the grass finely; they also spray it out and chop it up at the same time. It can rot quickly, with valuable nutrients returned as an almost "invisible" fertilizer back into the lawn. No more tedious raking and cost intensive disposal.

AS 420 ProClip 4T

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AS 470 ProClip 4T

P. 11



AS 470 ProClip 4T A

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AS 510 ProClip 4T

P. 10



AS 510 ProClip 4T A

P. 10



AS 510 ProClip 2T A

P. 10



AS Professional Lawn Mowers

Do you love a beautiful, green lawn? There are all sorts of lawns: steep or flat, with short or long grass, and uneven terrain, which all make a difference. AS-Motor have a mower convenient for every need and every type of lawn. There are even models with all-wheel drive, reverse gear and brake.

AS 470 Universal



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AS 531



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AS 53 2T 4WD RB



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AS Allmäher®

Allmäher® — the superlative of brush mowers. An Allmäher® is made for use in tough conditions, passing through everywhere: areas of course or extremely dense growth, slopes and rough terrain whilst still manoeuvring effortlessly around obstacles and trees. — Allmäher®.

AS 63



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AS 65



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AS 73



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AS 84



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AS 65 Scout



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AS Flail Mowers

Tall grass with brush growth, steep slopes, large areas in unknown territory — these mowers can handle it. AS Flail Mowers avoid foreign objects in the ground, while chopping and distributing the cut grass and scrub perfectly. This results in high output — in a "safe" manner.

AS 701



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AS 901



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AS Ride-on Allmäher

Do You require something larger? —Then the robust and versatile AS Ride-on Allmäher are just the thing! Whether for large areas, scrub, undergrowth or grass heights of up to 1,50 m, our ride-on mowers are looking forward to it. If the terrain is also steep to very steep, then you will be well served with our all-wheel drive models. Select one of six models that is right for your personal or professional use.

AS 799 Rider



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AS 800 FreeRider



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AS 900 Enduro



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AS 915 Enduro



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AS 920 Sherpa 2WD

NEW



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AS 940 Sherpa 4WD



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AS 940 Sherpa 4WD XL



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AS 940 Sherpa 4WD RC

Remote controlled



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AS Weed Removers

Protect surfaces and remove weeds in a mechanical way. The AS WeedHex removes growing weeds on cobble stone surfaces and at curbs quickly and efficiently.

AS 50 WeedHex



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AS 30 WeedHex



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LAWN AFICIONADOS SWEAR BY OUR MULCH MOWERS

A beautiful lawn is not only nice aesthetically, but also beneficial for preventing growth of unwanted weeds. But this splendor, which every homeowner wishes for, must be well prepared. Particularly by careful mulching, in which the cuttings remain on the lawn.

It is especially important that the clippings are very finely crushed and then evenly distributed. The nitrogen contained in the cuttings is mineralized very quickly and remains available as a nutrient to the grass and plants that grow back. When we talk about sustainability, mulching is a prime example.

The AS mulching mowers allow time-saving care of your lawn. The grass is cut and remains in place. No multiple engine start, no grass collection bag, no disposal of the cuttings.

How it works: when mulching, the grass is first cut several times and then whirled like in a fan to the top, only to be pushed in the same process immediately down to the bottom. The cut grass is so finely shredded that it simply disappears between the stems left standing and then quickly rots and turns into fertilizer.

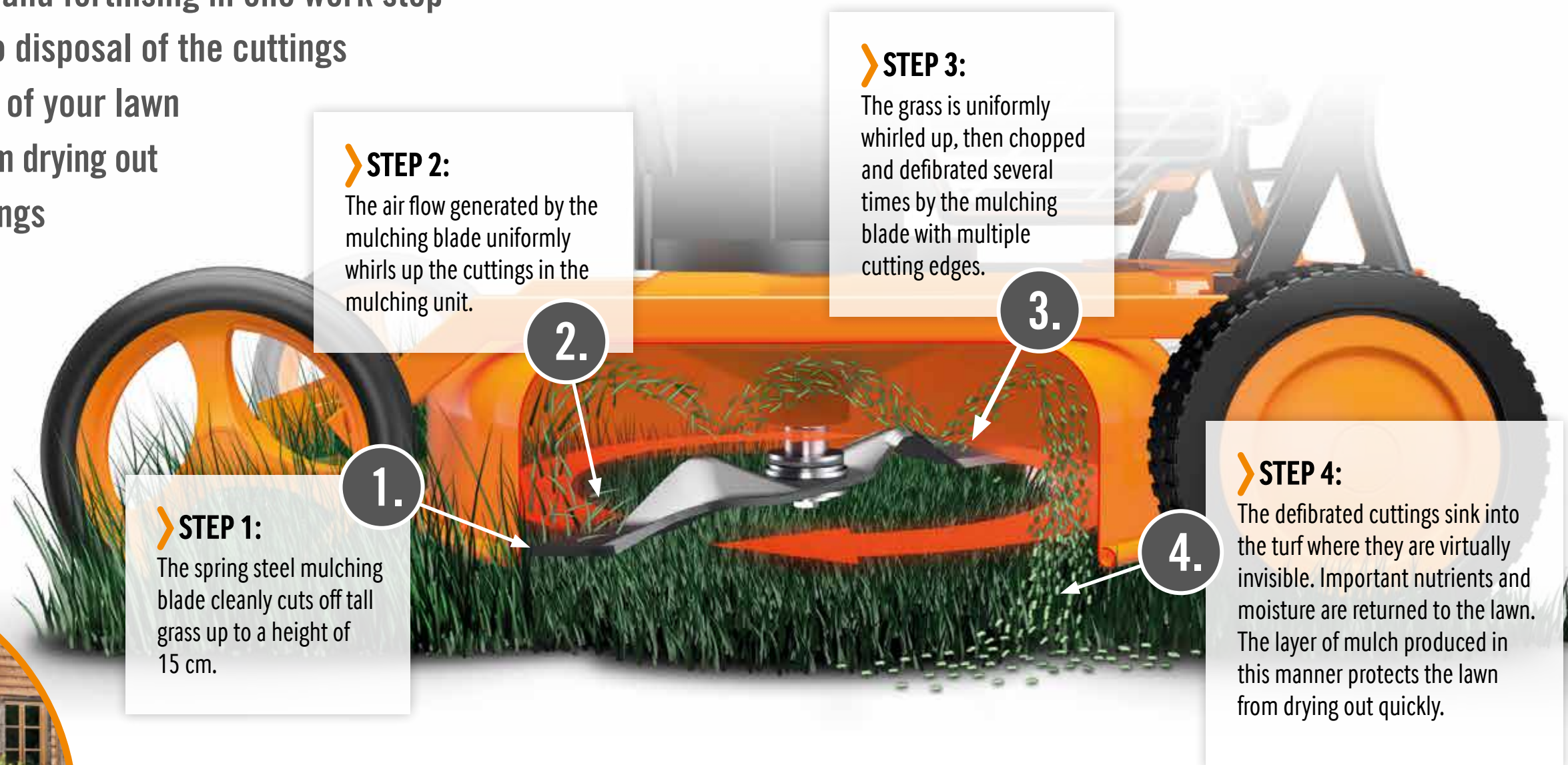
Advantages of AS-Motor Mulching Mowers: high stability of the mulching bell, triple crankshaft bearing, mulching blade of spring steel, lightweight and yet stable front wheels. Longer grass (for instance when you come back home from holiday) can be mulched with AS Mulching Mowers with the same result.

As for performance, there is a solution ready for any challenge. AS Mulching Mowers are available with or without wheel drive, engine power up to 6 hp, cutting widths of 42, 47 or 51 cm with a cutting height range of 40 – 90 mm. Very importantly for users: through the spring-assisted central height adjustment, the mower can be adjusted in seconds to the desired cutting height.

By the way: on a lawn size of about 1000m² up to 2 tons of cuttings can be accumulated per year. Not everyone has a green recycling bin, and proper disposal can be expensive. Mulching saves you time and money – lawn care made easy.

MULCHING OFFERS MANY ADVANTAGES:

- Cutting, maintaining and fertilising in one work step
- No collection bag, no disposal of the cuttings
- Improves the quality of your lawn
- Protects the lawn from drying out
- Up to 30 % time savings



PERFECT MULCHING

When mowing, the cuttings are cut several times in the mulching unit and are finely defibrated.

ROBUST CONSTRUCTION

Durable, crankshaft with 3-bearing support. Galvanised steel mulching unit with reinforced edge. Tubular steel frame with folding handlebar.

MOW WITHOUT COLLECTION BAG

No stopping, no emptying and no disposal of the cuttings required.

EASY MANOEUVRING

Lightweight, stable front wheels and the optional rear wheel drive guarantee effort-reduced handling.

CENTRAL HEIGHT ADJUSTMENT

Easy 5x or 6x height adjustment of the mower deck per lock lever from 40 to 90 mm.

Space-saving transport



AS 510 ProClip

Cutting and chopping grass while putting it into the lawn as fertilizer – with the AS 510 you can even cut medium height grass in a timesaving manner. The special spring steel blade inside the stable mulching bell splits the grass so thinly, that time consuming grass collection is not necessary. Thanks to its perfectly balanced, stable and light weight design, you can mow away effortlessly and at the same intervals as with traditional lawn mowers.



AS 510 ProClip 2T A



HANDLEBAR HEIGHT
Simple, stable handlebar height adjustment (AS 510 ProClip).



STEEL MULCHING BELL
Enclosed, solid mulching bell with surrounding stabilizing lip and 3rd ball bearing on crankshaft.



SLIM FRONT WHEELS
Narrow yet stable front wheels with 2 ball bearings minimise grass compaction.



CENTRAL HEIGHT ADJUSTMENT
Spring supported, central height adjustment (40 – 90 mm or 30 – 80 mm).



TECHNICAL SPECIFICATIONS

Accessories overview, see page 46

Model	Cutting width	Engine	Rated power	Maximum engine power	Wheel drive, speed	Cutting height adjustment	Work rate m²/h	Weight, operating dimensions	Item number
AS 510 ProClip 2T A	51 cm	AS 2-Stroke Engine, 165 ccm	3,4 kW (4,6 hp) at 3.000 rpm	4,4 kW (6,0 hp) at 4.500 rpm	Variomatic 2,1 – 4,3 km/h Rear wheel drive	central 40 – 90 mm, 6 x	max. 2.100	48 kg L 139 cm, B 55 cm, H 100 cm	E09134 G51000003
AS 510 ProClip 4T A	51 cm	B&S 4-Stroke Engine, 850E-Series I/C, 190 ccm	3,1 kW (4,3 hp) at 2.800 rpm	4,1 kW (5,5 hp) at 3.600 rpm	Variomatic 2,0 – 4,0 km/h Rear wheel drive	central 40 – 90 mm, 6 x	max. 2.000	43 kg L 139 cm, B 55 cm, H 100 cm	E09130 G51000001
AS 510 ProClip 4T	51 cm	B&S 4-Stroke Engine, 850E-Series I/C, 190 ccm	3,1 kW (4,3 hp) at 2.800 rpm	4,1 kW (5,5 hp) at 3.600 rpm	—	central 40 – 90 mm, 6 x	—	37 kg L 139 cm, B 55 cm, H 100 cm	E09131 G51000002

TECHNICAL SPECIFICATIONS

Accessories overview, see page 46

Model	Cutting width	Engine	Rated power	Maximum engine power	Wheel drive, speed	Cutting height adjustment	Work rate m²/h	Weight, operating dimensions	Item number
AS 420 ProClip 4T	42 cm	B&S 4-Stroke Engine, 850E-Series I/C, 190 ccm	3,1 kW (4,3 hp) at 2.800 rpm	4,1 kW (5,5 hp) at 3.600 rpm	—	central 40 – 80 mm, 5 x	max. 900	29 kg L 127 cm, B 46 cm, H 100 cm	E09135 G47000203
AS 470 ProClip 4T	47 cm	B&S 4-Stroke Engine, 850E-Series I/C, 190 ccm	3,1 kW (4,3 hp) at 2.800 rpm	4,1 kW (5,5 hp) at 3.600 rpm	—	central 40 – 80 mm, 5 x	max. 1.000	30 kg L 131 cm, B 51 cm, H 100 cm	G47000004
AS 470 ProClip 4T A	47 cm	B&S 4-Stroke Engine, 850E-Series I/C, 190 ccm	3,1 kW (4,3 hp) at 2.800 rpm	4,1 kW (5,5 hp) at 3.600 rpm	Rear wheel drive 2,5 km/h	central 40 – 80 mm, 5 x	max. 1.100	34 kg L 131 cm, B 51 cm, H 100 cm	E09138 G47000005



WORKHORSES IN ACTION

Special demands are made of professionals. You must have a good amount of experience, special skills, and also a particular competence for problemsolving.

AS-Motor offers these customers the best solution: AS Professional Lawn-Mowers, which can be described as real workhorses and rightly so.

Sturdy steel construction, large ball-bearing supported wheels, powerful engines, and ease of use are the main components of AS Professional Lawn Mowers. Taken together, this is the basis for professional handling with excellent performance. During long hours of use a large area can be cut without fatigue.

AS-Motor mowers are famous for their suitability on slopes – steep slopes with almost any incline can be climbed with the support of the two-stroke engine. For maximum comfort, there are models with four-wheel drive. Result: less effort, more fun at work, greater joy with the result.

IN FOCUS: AS PROFESSIONAL LAWN MOWER AS 531 2T MK B

The AS 531 offers a relatively low weight in combination with an outstanding stability and robustness. For one, the AS 531 has enormously reduced its weight, namely 20 % compared to the previous model, on the other hand the remaining weight has been optimally distributed between the axles.

And as for long continuous operation, the AS 531 is supported by its elastomeric engine mounts for vibration reduction in addition to a particularly clever idea: the newly developed VibrationProtect damping system with its rubber-mounted V-link handle bar that makes the familiar tingling in the hands disappear.

In its top-version (AS 531 2T MK B or 4T MK B) this mower offers a special feature: It is the first hand-guided professional lawn mower with factory standard safety brake and limited-slip differential. It combines ease of use with the utmost security. Releasing the blade clutch lever automatically stops the mower, which also acts as a parking brake that holds the mower in any position on the slope.

General product features :

Model	Safety brake	Differential lock	Blade clutch	Variomatic speed
AS 531 2T MK B	●	●	●	●
AS 531 4T MK B	●	●	●	●
AS 531 4T MK	—	—	●	●

AS 531

The Professional profile: stable and weight-optimized steel structure, reduced hand-arm vibration by the VibrationProtect damping system, high-performance engines – either as AS 2-stroke engine or B+S four-stroke engine. The blade clutch stops the blade and the engine keeps on running. You can cross paths without any problems without affecting your environment by dangerous stone impact and without raising unpleasant dust.

When emptying the grass collecting bag, just disengage the blade and empty the bag without cutting the engine. This provides maximum safety and in addition engine re-start after blade stop has become obsolete too. A unique operating concept: one hand controls the drive and blade clutch, whilst the other controls the speed which can be locked via Varioshift to allow for comfortable, steady propulsion.



SAFETY BRAKE

By releasing the blade clutch lever, the mower brakes automatically until it is standing still, simultaneously the parking brake is activated on a slope (Only on MK B models).



VIBRATION PROTECT

Through VibrationProtect system on the handlebar hand-arm vibrations are reduced to a minimum (AS 531).



SHOCK ABSORPTION

Individually height adjustable wheels in combination with a spring steel axle and rubber buffer neutralize shocks (AS 531).



VARIOMATIC

Infinitely variable speed adjustment in between minimum and maximum speed. This allows comfortable and steady propulsion (AS 531, AS 53 2T 4WD).



WEIGHT DISTRIBUTION

Sophisticated stability and weight distribution for ergonomic handling and fatigue-reduced working.

YouTube



Video

AS 531 2T MK B



TECHNICAL SPECIFICATIONS

Accessories overview, see page 46

Model	Cutting width	Engine	Rated power	Maximum engine power	Wheel drive, speed	Cutting height adjustment	Work rate m²/h	Weight, operating dimensions	Item number
AS 531 2T MK B	53 cm	AS 2-Stroke Engine, 165 ccm	3,4 kW (4,6 hp) at 2.800 rpm	4,4 kW (6,0 hp) bei 4.500 rpm	Variomatic 3,0–4,5 km/h Rear wheel drive	By wheel 30–80 mm, 6 x	max. 2.300	56 kg L 164 cm, B 52 cm, H 99 cm	E09775 G53100107
AS 531 4T MK B	53 cm	B&S 4-Stroke Engine 850E-Series I/C, 190 ccm	3,1 kW (4,3 hp) at 2.800 rpm	4,1 kW (5,5 hp) bei 3.600 rpm	Variomatic 3,0–4,5 km/h Rear wheel drive	By wheel 30–80 mm, 6 x	max. 2.300	52 kg L 164 cm, B 52 cm, H 99 cm	G53100105
AS 531 4T MK	53 cm	B&S 4-Stroke Engine 850E-Series I/C, 190 ccm	3,1 kW (4,3 hp) at 2.800 rpm	4,1 kW (5,5 hp) bei 3.600 rpm¹	Variomatic 3,0–4,5 km/h Rear wheel drive	By wheel 30–80 mm, 6 x	max. 2.100	51 kg L 164 cm, B 52 cm, H 99 cm	E09773 G53100106

AS 53 2T 4WD RB

Equipped with four-wheel drive and reverse gear and brake.



AS 470 Universal 4T



Two in one function: Side discharge or mulching with the optional mulching kit (See page 50).



TECHNICAL SPECIFICATIONS

Accessories overview, see page 46

Model	Cutting width	Engine	Rated power	Maximum engine power	Wheel drive, speed	Cutting height adjustment	Work rate m²/h	Weight, operating dimensions	Item number
AS 53 2T 4WD RB	53 cm	AS 2-Stroke Engine, 165 ccm	3,4 kW (4,6 hp) at 2.800 rpm	4,4 kW (6,0 hp) at 4.500 rpm	Variomatic, 3,1–4,8 km/h All-wheel drive	By axle 30–100 mm, 6 x	max. 2.500	68 kg L 178 cm, B 82 cm, H 99 cm	E09182 G04400005
AS 470 Universal 4T	47 cm	B&S 4-Stroke Engine 850E-Series I/C, 190 ccm	3,1 kW (4,3 hp) at 2.800 rpm	4,1 kW (5,5 hp) at 3.600 rpm	Rear wheel drive, 3,0 km/h	central 40–80 mm, 5 x	max. 1.400	36 kg L 131 cm, B 66 cm, H 100 cm	G47000006



OUR BRUSHCUTTERS ARE CALLED ALLMÄHER®

The AS Allmäher® principle has been alive for over 57 years.

At that time our founder, Alfred Schefenacker, invented a brush mower with a sickle mowing system and mulching capability, which today is known all over the world. He named this mower according to its purpose – Allmäher® or Allmower translated into English.

The initial goal was to find an easier way to mow the steep slopes of the local vineyards around Stuttgart – thus making life easier for the winegrowers. Robustness and sturdiness was of great importance so that the mower could face these challenging requirements. However, at the same time, the mower should be agile and compact to get through the steep and narrow terrain. So AS-Motor set out to develop a completely unprecedented mower at that time – one that could cut tall grass and crush woody grapevine pruning easily. This revolutionized the brush cutter market: the Allmäher® era began.

The Allmäher® also became the classic among extensive mulching mowers, a technique that AS-Motor has perfected in its present Allmäher® models. Via extensive mulching, tall grass is mowed down, and then chopped up and crushed. This process is required only a few times per year. The cut grass is so finely shredded, that it disappears between the stalks left standing and quickly rots and disappears.

Born on the steep slopes of the South German vineyards, grown up around the world on large and densely vegetated areas in embankments and at roadsides, in orchards and anywhere else where grass only gets cut a few times per year – by both, private and professional users. The Allmäher®'s applications have now multiplied – since the Allmäher®, is constantly being improved by the developers and engineers of AS-Motor.

The name says it all – there is hardly any job that they cannot handle. And they are as current as five decades ago.

Good things remain unchanged.



AS 63 2T ES

Mulch and mow in one step

The cross-blade system of the AS 63 Allmäher® easily cuts and chops even high growth and impresses with its outstanding cutting performance and excellent mulching result.

Permanent traction, manoeuvrability and safety

The robust transmission with limited-slip differential ensures reliable propulsion and enables safe working even on difficult, steep terrain and on a wet substrate.

New mower hood – perfect cut

The new, conical, rear-taper mower deck, as well as the pivot wheels attached outside of the cutting pattern, ensure an optimal inflow of the material that will be cut by the cross-blade. Through this design the grass is cut in a relatively upright, ideal position, and an excellent cutting result and mulching result are obtained.

Steep slope power, high performance, safety and easy handling

The low weight (approx. 70 kg), good ergonomics with anti-vibration system and powerful, robust motorisation make the AS 63 the ideal mower on slopes. In this regard, the 2-stroke engine variant is extremely powerful and offers extreme climbing ability. For the first time, the redesigned 2-stroke engine is equipped with a convenient EasyStart function, and has an electronic ignition.

Your safety is important to us!

Consequently the AS 63 has an automatic speed limiter for driving downhill, an automatic limited-slip differential and an automatic parking brake that engages when releasing the traction drive.



CROSS-BLADES

Double blade system for an outstanding cutting pattern with excellent mulching effect.



VIBRATION DAMPING

Through vibration and impact damping, hand-arm vibration is reduced to a minimum.



SEALED TRANSMISSION

The encapsulated gear reduction offers protection against soiling and is maintenance-free.



VARIOMATIC

The speed regulator enables variable adjustment of the drive speed.



TWIN TIRES, OPTIONAL

Twin tyres with quick-release fasteners are optionally available for steep slopes.



EASY TRANSPORT

The AS 63 can be folded together for compact transport.



Vertical service position
Easy access for cleaning and servicing.

Watch our videos on:

TECHNICAL SPECIFICATIONS

Accessories overview, see page 47

Model	Cutting width	Engine	Rated power	Maximum engine power	Wheel drive, speed	Cutting height adjustment	Work rate m ² /h	Weight, operating dimensions	Item number
AS 63 2T ES	61 cm	AS 2-Stroke Engine ES, 165 ccm	4,5 kW (6,1 hp) at 3.800 rpm	4,9 kW (6,7 hp) at 4.500 rpm	Variomatic 2,0 – 4,0 km/h Rear wheel drive	Front variable, rear 4-position, 50 – 100 mm	max. 2.400	74 kg L 191 cm, B 70 cm, H 99 cm	G60000102
AS 63 4T B&S	61 cm	B&S 4-Stroke Engine, 850E-Series I/C, 190 ccm	4,1 kW (5,5 hp) at 3.600 rpm	4,1 kW (5,5 hp) at 3.600 rpm	Variomatic 1,8 – 3,8 km/h Rear wheel drive	Front variable, rear 4-position, 50 – 100 mm	max. 2.300	71 kg L 191 cm, B 70 cm, H 99 cm	G60000101
AS 63 4T Honda	61 cm	Honda 4-Stroke Engine, GXV-160, 163 ccm	3,2 kW (4,3 hp) at 3.600 rpm	3,2 kW (4,3 hp) at 3.600 rpm	Variomatic 1,8 – 3,8 km/h Rear wheel drive	Front variable, rear 4-position, 50 – 100 mm	max. 2.300	83 kg L 191 cm, B 70 cm, H 99 cm	G60000103



AS 65 2T ES

The AS 65 guarantees permanent traction, manoeuvrability and safety via a differential lock in conjunction with a 5-speed manual transmission. The AS-cross-blade system chops the grass reliably and produces an impressive mowing power, wherein the cutting force is maximized by an engine / blade coupling of 2:1. Engine protection and blade clutch through a separation of engine and blade shaft.

YouTube



Video



BLADE SYSTEM

The AS-cross-blade system cuts and chops at the same time, even high grass and undergrowth.



HEIGHT ADJUSTMENT

Easy, central cutting height adjustment, variable 50 – 100 mm.



MANUAL TRANSMISSION

The 5-gear manual transmission with differential lock ensures optimal drive even on a wet surface.



BRAKES

Operational and parking brake. When you release the traction drive lever, the machine stops even when moving downhill.

TECHNICAL SPECIFICATIONS

Accessories overview, see page 47

Model	Cutting width	Engine	Rated power	Maximum engine power	Wheel drive, speed	Cutting height adjustment	Work rate m ² /h	Weight, operating dimensions	Item number
AS 65 2T ES	65 cm	AS 2-Stroke Engine 165 ccm	4,5 kW (6,1 hp) at 3.800 rpm	4,9 kW (6,7 hp) at 4.500 rpm	Rear-Wheel drive 1,6 – 4,5 km/h, Reverse 2,2 km/h	central, 50 – 100 mm variable	max. 2.900	116 kg L 220 cm, B 71 cm, H 99 cm	G06700100
AS 65 4T B&S with oil- and fuel pump	65 cm	B&S 4-Stroke Engine Series 3 INTEK, 344 ccm	7,6 kW (10,3 hp) at 3.300 rpm	9,7 kW (13,0 hp) at 3.600 rpm	Rear-Wheel drive 1,6 – 5,1 km/h, Reverse 2,4 km/h	central, 50 – 100 mm variable	max. 3.300	125 kg L 220 cm, B 71 cm, H 99 cm	E09368 G06700008
AS 65 4T Honda	65 cm	Honda 4-Stroke Engine GXV 160, 163 ccm	3,2 kW (4,3 hp) at 3.600 rpm	3,2 kW (4,3 hp) at 3.600 rpm	Rear-Wheel drive 1,2 – 3,6 km/h, Reverse 1,7 km/h	central, 50 – 100 mm variable	max. 2.600	119 kg L 220 cm, B 71 cm, H 99 cm	G06700101

AS 73 4T B&S

With this Allmäher®, you have a choice via Vario Speed: a faster blade speed to achieve a finer mulching result or a slower blade speed for higher torque in a tougher environment – an essential advantage when mowing less frequently cut, thick and tall grass.

Strong mowing performance with a high-torque B+S OHV engine, 5-speed rear-wheel drive and differential lock.

YouTube



Video



BLADE SYSTEM

The AS-cross-blade system cuts and chops at the same time, even high grass and undergrowth.



TWO BLADE SPEEDS

Switchable blade speed (Vario-speed). Highspeed for lower grass and top mulching. Low speed for high cutting power in dense grass and scrub.



REAR WHEELS

Low pressure wheels for strong traction on loose grounds and slopes.



CUTTING HEIGHT ADJUSTMENT

The cutting height adjustment is simple, central and infinitely variable.

TECHNICAL SPECIFICATIONS

Accessories overview, see page 47

Model	Cutting width	Engine	Rated power	Maximum engine power	Wheel drive, speed	Cutting height adjustment	Work rate m²/h	Weight, operating dimensions	Item number
AS 73 4T B&S	73 cm	B&S 4-Stroke Engine, Series 3 INTEK, 344 ccm	7,6 kW (10,3 hp) at 3.300 rpm	9,7 kW (13,0 hp) at 3.600 rpm	Rear-Wheel drive 1,6–5,1 km/h, Reverse 2,4 km/h	central, 50–100 mm variable	max. 3.700	135 kg L 224 cm, B 79 cm, H 99 cm	E09355 G06700001

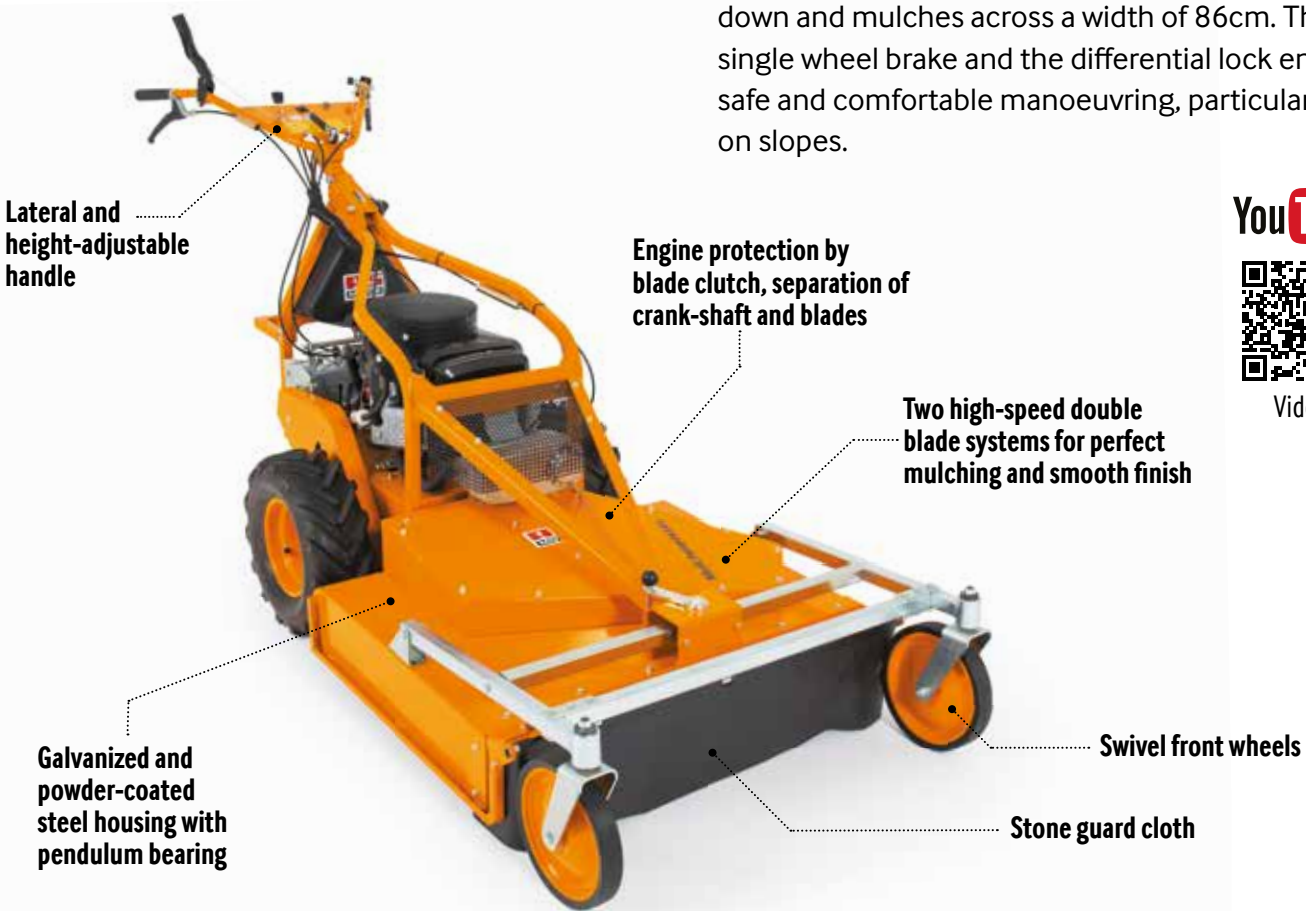
AS 84 4T B&S

The double AS-cross-blade mowing system chops down and mulches across a width of 86cm. The single wheel brake and the differential lock ensure safe and comfortable manoeuvring, particularly on slopes.

YouTube



Video



BLADE SYSTEM

Two AS-cross-blade cutting systems and pivoted mowing hood ensure a perfect mulching result.



MACHINE STEERING

Single wheel brakes and a brake clutch produce an immediate response to steering movements.



ENGINE

Briggs & Stratton 2 cylinder 4-stroke Vanguard engine with oil and petrol pump as well as oil pressure switch for mowing on steep slopes.



MANUAL TRANSMISSION

The 5-gear manual transmission with differential lock, ensures optimal drive even on a wet surface.

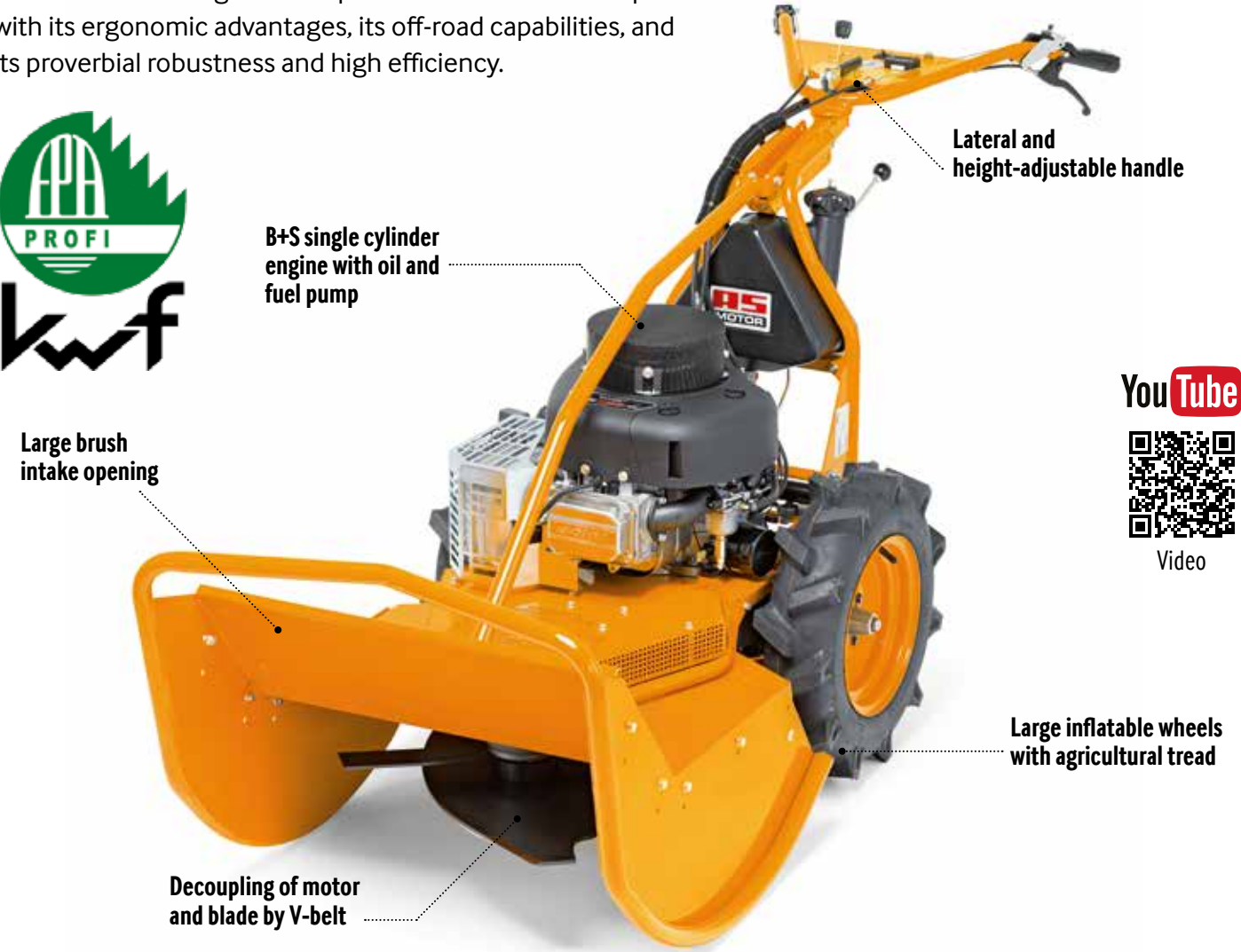
TECHNICAL SPECIFICATIONS

Accessories overview, see page 47

Model	Cutting width	Engine	Rated power	Maximum engine power	Wheel drive, speed	Cutting height adjustment	Work rate m²/h	Weight, operating dimensions	Item number
AS 84 4T B&S	86 cm	B&S 4-Stroke Engine, 2-Zylinder V-Twin, Vanguard, 480 ccm	10,7 kW (14,5 hp) at 3.500 rpm	11,9 kW (16,0 hp) at 3.600 rpm	Rear-Wheel drive 1,2–4,0 km/h, Reverse 1,8 km/h	central, 50–110 mm variable	max. 3.400	185 kg L 229 cm, B 93 cm, H 99 cm	E09332 G06500004

AS 65 Scout

With the AS 65 Scout AS-Motor has developed a professional machine for tending to forest plantations. The Scout impresses with its ergonomic advantages, its off-road capabilities, and its proverbial robustness and high efficiency.



BLADE SYSTEM

Heavily reinforced special cross-blade design. Cuts green undergrowth and scrub up to 40 mm in diameter.



MANUAL TRANSMISSION

The 5-gear manual transmission with differential lock, ensures optimal drive even on a wet surface.

TECHNICAL SPECIFICATIONS

Accessories overview, see page 47

Model	Cutting width	Engine	Rated power	Maximum engine power	Wheel drive, speed	Cutting height adjustment	Work rate m²/h	Weight, operating dimensions	Item number
AS 65 Scout	65 cm	B&S 4-Stroke Engine, Series 3 INTEK, 344 ccm	7,6 kW (10,3 hp) at 3.300 rpm	9,7 kW (13,0 hp) at 3.600 rpm	Rear-Wheel drive, 1,3 – 3,9 km/h, Reverse 1,9 km/h	central 80 und 140 mm, 2-stage	max. 2.500	150 kg L 220 cm, B 71 cm, H 105 cm	E09369 G06700009

AS 65 Scout

THREE TIMES MORE EFFICIENT THAN FORESTRY CLEARING SAWS IN FOREST PLANTATION CARE.

The maintenance of young forests ensures the sustainability of forests and is one of the most important investments in the future. However, without a large number of foresters and forest workers this could not be done efficiently in the past. The care of young forest plantations was exhausting due to the large areas to be covered and took a long time, especially when using traditional forestry clearing saws or trimmers.

With the help of the AS 65 Scout, which was specifically developed for this purpose, one single operator can now work three times more efficiently and economically than before. The AS 65 Scout has large wheels for extra ground clearance and better off-road capability. The mowing of unwanted saplings with a diameter thickness of up to 40mm and obstacles such as dead wood, roots or stumps, is no longer a problem.



“Three times the work rate with deployment of less personnel”

Even the painstaking removal of the remaining cuttings is omitted, because the shredded saplings remain on the ground as valuable nutrients – a similar process to the mulching of grass. The shredding process is made possible through an enormously reinforced special blade design. The blade carrier is protected by an ultra stable under ride protection. The mulching deck was severely shortened and opened widely at the front. The saplings and undergrowth can therefore get sucked in perfectly.

But cost is not everything; also the role of occupational safety and ease of operation was a crucial aspect when designing this machine. Hand and arm vibrations were significantly reduced and the railing protects the operator from the clippings. Relatively little force is necessary for operating the machine as the permanent, yet switchable differential lock always keeps a straight forward direction. Finely adjusted changes in direction are easily executable via differential coupling.



THE CLEVER GIVE IN

Ditches, highway embankments and steep meadows, shrubbery and undergrowth – difficult tasks require special solutions when it comes to mowing and mulching. Someone that mows grass and undergrowth with a height of up to 1 meter only 2-3 times per year, frequently faces a tough challenge because often it is impossible to see obstacles and hidden foreign objects that can easily damage the machine.

Flail mowers are mowing with a horizontal axis of rotation. The flexibly mounted Y-blades called flails, are mounted on an axle and can dodge hidden foreign objects. Through the engine drive, the axis is rotated, and the flails, which vary in length, chop up thick undergrowth, branches or bushes, but also high grass into small pieces.

The remaining cuttings don't need to be laboriously raked together and removed, because they remain as mulch on the lawns very quickly disappearing and fertilising the soil. Therefore this mowing method is perfectly suited for extensively used meadows, orchards: in parks or on road verges.

IN FOCUS: AS FLAIL MOWER AS 901 SM

90 cm cutting width produces a strong area output performance. Comfortable manoeuvring is made possible through the single-wheel steering and braking clutch system in combination with a finely staged 5-speed manual transmission with differential lock and through the patented dual tyres for a masterful traction and braking effect.

Large diameter, profiled tyres as well as a strong wheel drive make work easier. Excellent manoeuvrability is achieved by two 360 degree swivel front wheels. Thus, this model is also suitable for steep slopes.

The protection of man and machine is very important. The stone guard made of a sturdy perforated metal shield protects you from swirled debris without obstructing the view.

AS 901 SM

Robust flail mowing deck with 26 3mm thick Y-flails. Precise, safe and convenient working guaranteed by the drive unit of the AS 84: single-wheel steering and braking clutch system, finely staged 5-speed manual transmission with differential lock and reverse gear, large agricultural dual tyres.



TECHNICAL SPECIFICATIONS

Accessories overview, see page 48

Model	Cutting width	Engine	Rated power	Maximum engine power	Wheel drive, speed	Cutting height adjustment	Work rate m²/h	Weight, operating dimensions	Item number
AS 901 SM	90 cm	B&S 4-Stroke Engine, 2-Zylinder Vanguard, V-Twin 480 ccm	10,7 kW (14,5 hp) at 3.500 rpm	11,9 kW (16,0 hp) at 3.600 rpm	Rear-Wheel drive 1,2 – 4,0 km/h, Reverse 1,8 km/h	central 10 – 100 mm, 6 x	max. 3.600	215 kg L 220 cm, B 104 cm, H 105 cm	E09705 G90100001



BLADE SYSTEM

Steel housing with horizontal flail mowing deck, 26 pairs of Y-flails cut and mulch up grass and scrub. Double-safety stone guard to the back.



MACHINE CONTROL

Turn on a sixpence, the steering clutch makes it possible. (AS 901 SM and AS 701 SM)



HEIGHT ADJUSTMENT

Easy height adjustment of the mower deck via lever.



MANUAL TRANSMISSION

The 5-gear manual transmission with differential lock, ensures optimal drive even on a wet surface. (AS 901 SM and AS 701 SM)

AS 701 SM



TECHNICAL SPECIFICATIONS

Accessories overview, see page 48

Model	Cutting width	Engine	Rated power	Maximum engine power	Wheel drive, speed	Cutting height adjustment	Work rate m²/h	Weight, operating dimensions	Item number
AS 701 SM	70 cm	B&S 4-Stroke Engine, 1-Zylinder Series 3 Intek, 344 ccm	7,6 kW (10,3 hp) at 3.300 rpm	9,7 kW (13,0 hp) at 3.600 rpm	Rear-Wheel drive 1,1 – 3,6 km/h, Reverse 1,7 km/h	central 10 – 100 mm, 6 x	max. 2.500	196 kg L 220 cm, B 84 cm, H 105 cm	E09707 G90100701



MAXIMUM COMFORT FOR EXTRAORDINARY TASKS

“Can I have an Allmäher® that I can ride on?” was one of the most frequent customer requests. This request became our call to action.

Today we offer the market a complete range of ride-on mowers that all have the same design principles: low centre of gravity, wide wheelbase and compact design.

The hydrostatic transmission has an infinitely variable speed control; all essential functions are controlled from the seat. Braking is done via a hydrostatic hand lever or with a foot pedal. A differential lock on a steep uphill or downhill can also be activated with a foot pedal.

If you work several hours a day sitting down, you know how important a good seating position is. Spring supported seats (on select models) of AS ride-on mowers can be adjusted individually up to the point where your legs can be fully extended.

A perimeter, self-supporting tube frame ensures stability and torsional rigidity at heavy load. Four-wheel drive significantly improves directional stability, climbing capacity and the downhill braking effect. The AS cross-blade system cuts and chops simultaneously, even high grass.

IN FOCUS: THE NEW AS 940 SHERPA 4WD RC

The world's first ride-on mower with remote control offers even more safety and even more work convenience, even in terrain that is difficult to access.

There are many areas where mowing is quite unpleasant for the vehicle operator, steep terrain, loose substrate, mowing under trees and bushes, along hedges, mowing stinging nettle and in the vicinity of wasp nests. At times uneven terrain generates disturbing vibrations.

For this reason, AS-Motor has extended the successful Sherpa ride-on mower with an important function – mowing via remote control. Thus mowing can always be executed in a manner that is ideally adapted to the terrain.

The professional remote control unit with a range of up to 300 m enables efficient mowing regardless of the implement, at a safe distance and without the direct exposure to noise and exhaust fumes. With the new, remote-controlled AS 940 Sherpa 4WD RC the area of implementation has again been extended; greater flexibility and a higher level of safety.



CUTTING HEIGHT ADJUSTMENT
Four step adjustment with transport-position and safety blade stop.



BUMPER
Stable bumper protects axles and wheels.



BLADE SYSTEM
Closed mowing deck with single-blade system and 3-ball bearings (AS 799).

AS 799 RIDER



TRANSMISSION
Variable hydrostatic transmission — forward/reverse with differential lock and rear wheel brake (Differential lock only by AS 800).



BLADE SYSTEM
Cross-blade mulching system. One cutting blade with upper mulching blade (AS 800).

AS 800 FREERIDER



Watch our videos on:

AS 799 RIDER / AS 800 FREERIDER

Take a seat and get started. With our AS 799 and AS 800 it is an easy entry into our family of AS ride-on mowers. Ambitious private users that need to mow large areas, slightly rolling terrain and ride around obstacles will love these machines. Grass and weeds up to 80 cm (AS 800) are no problem at all. A low center of gravity and an elongated seating position provide safety and comfort – even for tall people. Let’s go!

TECHNICAL SPECIFICATIONS

Accessories overview, see page 49

Model	Cutting width	Engine	Rated power	Maximum engine power	Wheel drive, speed	Cutting height adjustment	Work rate m²/h	Weight, operating dimensions	Item number
AS 799 Rider	80 cm	B&S 4-Stroke Engine, Series 3 Powerbuilt, 344 ccm	6,5 kW (8,8 hp) at 3.200 rpm	7,8 kW (10,6 hp) at 3.600 rpm	Hydrostat Variable Forward: 0–8.0 km/h Reverse: 0–6.0 km/h	central 35–85 mm, 4 x	max. 6.800	203 kg L 170 cm, B 87 cm, H 96 cm	E09346 G06800005
AS 800 FreeRider	80 cm	B&S 4-Stroke Engine, Series 3 INTEK, 344 ccm	7,6 kW (10,3 hp) at 3.200 rpm	9,7 kW (13,0 hp) at 3.600 rpm	Hydrostat Variable Forward: 0–8.0 km/h Reverse: 0–6.0 km/h	central 35–85 mm, 4 x	max. 6.800	227 kg L 170 cm, B 87 cm, H 96 cm	E09345 G06800001



SEAT
Adjustable seat with safety contact switch and side support provides comfort and security.



BUMPER
Stable bumper protects axles and wheels.



DIFFERENTIAL LOCK
Differential lock for rough terrain and slopes, as well as lockable parking brake on rear axle.



BLADE SYSTEM
AS cross-blade system with interchangeable, blades, cut and shred at the same time (AS 915.)



BLADE SYSTEM
Mono-blade system with side ejection (AS 900).

Watch our videos on:

AS 900 ENDURO

AS 915 ENDURO



AS 900 ENDURO / AS 915 ENDURO

You don't have it easy? Steep inclines, spreading undergrowth and grass heights up to 1.20m. Don't torment yourself, but rather our AS 900 and AS 915. The two are made for it. Enduring, strong and tough. The rear-wheel drive with differential lock and grippy tyres will carry you along on a steep slope. When you are finished mowing and are wondering where all the clippings went – we'll tell you: "mulched away". The right tool for private and professional users.

Video

TECHNICAL SPECIFICATIONS								Accessories overview, see page 49	
Model	Cutting width	Engine	Rated power	Maximum engine power	Wheel drive, speed	Cutting height adjustment	Work rate m ² /h	Weight, operating dimensions	Item number
AS 900 Enduro	90 cm	B&S 4-Stroke Engine, V-Twin, Series 7 INTEK, 656 ccm	11,1 kW (15,1 hp) at 3.300 rpm	11,9 kW (16,2 hp) at 3.600 rpm	Hydrostat variable, Forward: 0 – 10.0 km/h Reverse: 0 – 9.5 km/h	central 50 – 90 mm, 4 x	max. 9.000	298 kg, L 183 cm, B 100 cm, H 95 cm	E09343 G06600009
AS 915 Enduro	90 cm	B&S 4-Stroke Engine, V-Twin, Professional Series 7220, 656 ccm	13,3 kW (18,0 hp) at 3.300 rpm	16,4 kW (22,0 hp) at 3.600 rpm	Hydrostat variable, Forward: 0 – 10.0 km/h Reverse: 0 – 9.5 km/h	central 50 – 90 mm, 4 x	max. 9.000	307 kg, L 183 cm, B 96 cm, H 105 cm	E09342 G06600007

AS 940 SHERPA 4WD XL / AS 940 SHERPA 4WD

You want to mow where even walking is difficult? The incline is too steep for you? Thick grass up to 1.5m in height and with scrub interspersed? All other mowers give up? Then there is only one solution: our AS 940 Sherpa. Four-wheel drive, differential lock, cross blade cutting system, sturdy all-road, self-supporting tubular frame and a whopping 27 hp.

Our engineers have packed the best of over 57 years of experience in this machine. 100% "Made in Germany". This makes us proud and our customers happy. For even more demanding missions, there is now the Sherpa also available in XL size – with larger wheels and thus with higher ground clearance.

AS 940 SHERPA 4WD XL

With AS-tire tread, wheel size XL
front: 4.80/4.00-8
rear: 20x10.00-8

Sturdy folding guard
2-cylinder B&S engine with oil and fuel pump
Sturdy all-road, self-supporting tubular frame

Steep slope compatible
15 litre tank with reserve function for long range

Galvanised steel bull bar

Switchable differential lock for maximum traction

Mowing deck allows vertical deflection movements

XL tyres for increased ground clearance



BLADE SYSTEM

AS brush cutter mowing deck with interchangeable, flexibly mounted blades cut and shred at the same time.



COMFORT SEAT

Infinitely variable adjustable shell seat with innovative suspension system to ensure maximum legroom and comfort.



ALL-WHEEL DRIVE

Permanent all-wheel drive, better traction on up- and downhill, more secure brake impact (does not apply for AS 920 2WD).



SURFING MOWER DECK

Allows vertically evasive movements in uneven terrain, to protect the mower deck and provide greater ground clearance.

AS 940 SHERPA 4WD

With ATV-tire tread, wheel size standard
front: 15x5.00-6
rear: 18x9.50-8



Watch our videos on: YouTube

AS 920 SHERPA 2WD

In response to many requests, now the Sherpa is also available with 2-wheel drive for terrain with moderate slopes. It offers agile driving behaviour thanks to a turning radius of just 65 cm and a top speed of 11 km/h.



TECHNICAL SPECIFICATIONS

Accessories overview, see page 49

Model	Cutting width	Engine	Rated power	Maximum engine power	Wheel drive, speed	Cutting height adjustment	Work rate m²/h	Weight, operating dimensions	Item number
AS 940 Sherpa 4WD XL	90 cm	B&S 4-Stroke 2-Cylinder, Professional Series 8, 724 ccm	16,5 kW (22,4 hp) at 3.300 min⁻¹	20,1 kW (27 hp) at 3.600 min⁻¹	Permanent all-wheel drive Hydrostat variable, Forward: 0–6.7 km/h Reverse: 0–6.5 km/h	central 80–135 mm, 5 x	max. 6.000	298 kg L 191 cm, B 106 cm, H 156 cm	E09347 G06900006
AS 940 Sherpa 4WD	90 cm	B&S 4-Stroke 2-Cylinder, Professional Series 8, 724 ccm	16,5 kW (22,4 hp) at 3.300 min⁻¹	20,1 kW (27 hp) at 3.600 min⁻¹	Permanent all-wheel drive Hydrostat variable, Forward: 0–6.2 km/h Reverse: 0–6.0 km/h	central 50–105 mm, 5 x	max. 5.500	290 kg L 191 cm, B 98 cm, H 152 cm	E09344 G06900001
AS 920 Sherpa 2WD	90 cm	B&S 4-Stroke 2-Cylinder, Professional Series 8, 724 ccm	16,5 kW (22,4 hp) at 3.300 min⁻¹	20,1 kW (27 hp) at 3.600 min⁻¹	2-wheel drive Hydrostat variable, Forward: 0–10,5 km/h Reverse: 0–8,2 km/h	central 50–105 mm, 5 x	max. 9.450	280 kg L 191 cm, B 106 cm, H 152 cm	G06900201

AS 940 SHERPA 4WD RC: THE FIRST **NEW** RIDE-ON MOWER WITH REMOTE CONTROL

Mow difficult terrain safely. For more than 50 years AS-Motor has been working continuously on new technologies and the systematic further development of our mowers. We are proud to present a new unique mower, the Sherpa RC (Remote Control), a ride-on mower with remote control. Whether in manual operation or remote controlled: with the new AS 940 Sherpa 4WD RC you mow high grass and steep slopes conveniently, safely and economically.

REMOTE CONTROL OPERATION AND MANUAL OPERATION ARE POSSIBLE

Professional remote control unit with 300 m range, main functions:

- Adjustment of the cutting height
- Engine On / Off function
- Blade On / Off
- Steering via remote control unit
- Differential lock
- Maximum inclination transverse to the slope – remote controlled operation 33°
- Maximum inclination transverse to the slope – ride-on operation 21°
- Safety functions
 - Engine protection function at low oil pressure
 - Emergency stop on the machine
 - Warning signal at 33° position transverse to the slope



Steep slope compatible 15 litre tank for long range

Sturdy folding guard

2-cylinder B&S engine with oil and fuel pump and oil control

Switching lever for manual and remote operation

Sturdy all-road, self-supporting tubular frame

XL tyres for increased ground clearance

Mowing deck allows vertical deflection movements

Galvanised steel bull bar

Switchable differential lock for maximum traction



MORE SAFETY

Safer work on pathless terrain, on difficult to access passages and steep slopes.



MORE CONVENIENCE

Convenient operation from a safe distance, without exposure to dust, noise or exhaust fumes.



MORE AREAS OF IMPLEMENTATION

Mowing even in bad weather, on a loose or wet substrate and on terrain that is extremely uneven.



MORE EFFICIENCY

Work under trees and bushes, along hedges, in stinging nettle and in the vicinity of wasp nests.



PROFESSIONAL REMOTE CONTROL

with a range of 300 m, for ride-on operation integrated under the steering wheel within easy reach.



TECHNICAL SPECIFICATIONS

Model	Cutting width	Engine	Rated power	Maximum engine power	Wheel drive, speed	Cutting height adjustment	Work rate m ² /h	Weight, operating dimensions	Item number
AS 940 Sherpa 4WD RC	90 cm	B&S 4-Stroke 2-Cylinder Professional Series 8, 724 ccm	16,5 kW (22,4 hp) at 3.300 rpm	20,1 kW (27 hp) at 3.600 rpm	Permanent all-wheel drive Hydrostat variable, Forward: 0–6,7 km/h Reverse: 0–6,5 km/h	central 80–135 mm, 5 x	max. 6.000	310 kg L 191 cm, B 106 cm, H 156 cm	G06900401

Accessories overview, see page 49



WEED REMOVAL WITHOUT CHEMICALS

Unfortunately weeds are always in season: Curb stones, car parks or athletic facilities must be freed of the undesired growth several times a year.

This affects municipalities and private persons uniformly. Use of plant protection agents, such as glyphosate is strictly regulated and only permitted on certain areas for good reason, and actually it is not even necessary: A clever (because environmentally-friendly) alternative to the chemical assault is pure mechanical elimination of weeds with our weed removers.

With the AS 50 WeedHex and AS 30 WeedHex it is not only possible to forego use of plant protection agents, you can also remove weeds and uncontrolled growth with the patented oscillating brush system, even where heavy equipment cannot be used. The weed removers clean perfectly along curb stone edges and walls, and they remove weeds from joints and between rocks. With the same efficiency the devices ensure cleanliness on car parks and terraces with grass pavers and H-shaped paving stones. They even clean hard courts or cinder tracks reliably.

In the process the work speed can be adapted to the substrate or ground conditions. Due to their pure mechanical mode of operation, the AS 50 WeedHex and the AS 30 WeedHex can be used anywhere, even in environmentally-sensitive areas.

The ideal supplement for all professional users: the AS 50 WeedHex for larger areas, the AS 30 WeedHex for uneven coverings, such as cobblestones and on walls and curb stones.



Bothersome weed growth on public paths: The ideal area of implementation for the weed brush from AS-Motor.



Perfect chemical-free cleaning of surfaces. The patented oscillating brush system works based on contour (AS 50 WeedHex).

AS 50 WeedHex

Reduction of scraping on surfaces and minimizing manual labour – this is how efficiently weeds are removed from joints between cobble stones.

Wherever you work, the double stone guard provides maximized security, while minimizing noise exposure.

Due to the purely mechanical brush system, the WeedHex can also be used in environmentally sensitive areas. Through adjustable working speed, the cleaning of curbs or driving along walls of buildings is not a problem.

By using the collection bag, no subsequent sweeping is required.



OPERATION

The patented pendulum brush system adjusts to the surface. The centrifugal force regulates the pressure of the brush.



STONE GUARD

The double stone guard protects against stone impact.



CURB SIDE CLEANING

Perfect cleaning of curb sides by working close to edge.

TECHNICAL SPECIFICATIONS

Accessories overview, see page 48

Model	Working width	Engine	Rated power	Maximum engine power	Wheel drive, speed	Work rate m ² /h	Weight, operating dimensions	Item number
AS 50 WeedHex	50 cm	B&S 4-Stroke Engine, 850E-Series I/C, 190 ccm	3,1 kW (4,3 hp) at 2.800 rpm	4,1 kW (5,5 hp) at 3.600 min ⁻¹	Variomatic variable, 1,6 – 2,5 km/h Rear-Wheel drive	max. 1.000	70 kg L 192 cm, B 61 cm, H 99 cm	E09750 G07300000

AS 30 WeedHex **NEW**

The AS 30 WeedHex is the ideal supplement to the AS 50 WeedHex for effective cleaning of uneven coverings, at narrow points, walls and curb stones.

The reduced brush speed and the protective cloth enable safe work with minimal risk of stone impact and dust development.

The wheels can be individually adjusted in height, which ensures an incline of the brush; through this measure weed removal is possible even in lower edge areas.

Available from 2017.



B&S 4-STROKE ENGINE

I/C DV technology with gray cast iron bushing for long life and low oil consumption. Overhead valve drive technology, more power, less noise.



OPERATION

Effective cleaning, even on inaccessible areas and difficult edge areas.

TECHNICAL SPECIFICATIONS

Accessories overview, see page 48

Model	Working width	Engine	Rated power	Maximum engine power	Weight, operating dimensions	Item number
AS 30 WeedHex 140	30 cm	4-Stroke OHV-Engine, 140 ccm	2,1 kW (2,8 hp) at 2.800 rpm	2,4 kW (3,3 hp) at 3.600 rpm	35 kg L 125 cm, B 52 cm, H 105 cm	G07300101
AS 30 WeedHex 160	30 cm	B&S 4-Stroke Engine, 750EX-Series I/C DOV, 161 ccm	2,5 kW (3,4 hp) at 2.800 rpm	3,0 kW (4,1 hp) at 3.600 rpm	38 kg L 125 cm, B 52 cm, H 105 cm	G07300103

AS AREAS OF IMPLEMENTATION

AS PRODUCTS	Maximum work rate in m²/hour	Maximum undergrowth height in cm
MULCH MOWERS		
AS 420 ProClip 4T	900	18
AS 470 ProClip 4T	1000	18
AS 470 ProClip 4T A	1100	18
AS 510 ProClip 4T	1800	20
AS 510 ProClip 4T A	2100	20
AS 510 ProClip 2T A	2100	20
PROFESSIONAL LAWN MOWERS		
AS 53 2T 4WD RB	2500	40
AS 470 Universal 4T A	1400	40
AS 531 4T MK and 4T MK B	2100 (2300)	30
AS 531 2T MK B	2300	40
ALLMÄHER®		
AS 63 2T ES	2400	100
AS 63 4T Honda and B&S	2300	80 (B&S 90)
AS 65 4T Honda and B&S	2300 (B&S 3300)	90 (B&S 150)
AS 65 2T ES	2900	120
AS 65 Scout	2500	Cuts green undergrowth up to max. 40 mm in diameter
AS 73 4T B&S	3700	150
AS 84 4T B&S	3400	120
FLAIL MOWERS		
AS 701 SM	2500	100
AS 901 SM	3600	130
RIDE-ON ALLMÄHER		
AS 799 Rider	6800	60
AS 800 Freerider	6800	80
AS 900 Enduro	9000	120
AS 915 Enduro	9000	120
AS 920 Sherpa 2WD	9450	150
AS 940 Sherpa 4WD and XL	5500	150
AS 940 Sherpa 4WD RC	5500	150
WEED REMOVERS		
AS 50 WeedHex	1000	
AS 30 WeedHex	700	

All additional technical information and emissions values for our products are provided on our website at: www.as-motor.com

AS PRODUCTS	Gradient suitability Level > rising > extremely steep	Professional use	Mulch	Four-wheel drive
MULCH MOWERS				
AS 420 Proclip 4T	<div></div>	■	■	
AS 470 ProClip 4T	<div></div>		■	
AS 470 Proclip 4T A	<div></div>	■	■	
AS 510 Proclip 4T	<div></div>	■	■	
AS 510 Proclip 4T A	<div></div>	■	■	
AS 510 Proclip 2T A	<div></div>	■	■	
PROFESSIONAL LAWN MOWERS				
AS 53 2T 4WD RB	<div></div>	■		■
AS 470 Universal 4T A	<div></div>	■		
AS 531 4T MK and 4T MK B	<div></div>	■		
AS 531 2T MK B	<div></div>	■		
ALLMÄHER®				
AS 63 2T ES	<div></div>	■	■	
AS 63 4T Honda and B&S	<div>(B&S)</div>	■	■	
AS 65 4T Honda and B&S	<div>(B&S)</div>	Honda ■ B&S ■	■	
AS 65 2T ES	<div></div>	■	■	
AS 65 Scout	<div></div>	■		
AS 73 4T	<div></div>	■	■	
AS 84 4T B&S	<div></div>	■	■	
FLAIL MOWERS				
AS 701 SM	<div></div>	■	■	
AS 901 SM	<div></div>	■	■	
RIDE-ON ALLMÄHER				
AS 799 Rider	<div></div>			
AS 800 Freerider	<div></div>		■	
AS 900 Enduro	<div></div>	■		
AS 915 Enduro	<div></div>	■	■	
AS 920 Sherpa 2WD	<div></div>	■	■	
AS 940 Sherpa 4WD and XL	<div></div>	■	■	■
AS 940 Sherpa 4WD RC	<div>(RC)</div>	■	■	■
WEED REMOVERS				
AS 50 WeedHex		■		
AS 30 WeedHex		■		

■ Suitable ■ Recommended



MULCHING MOWERS

AS ACCESSORIES	AS 420 ProClip 4T	AS 470 ProClip 4T	AS 470 ProClip 4T A	AS 510 ProClip 4T	AS 510 ProClip 4T A	AS 510 ProClip 2T A
Operating hour meter	E10740 G06927008	E10740 G06927008	E10740 G06927008	E10740 G06927008	E10740 G06927008	E10740 G06927008
Inclinometer	E11835 G06950027	E11835 G06950027	E11835 G06950027	E11835 G06950027	E11835 G06950027	E11835 G06950027
Front and side guard				E09133 G51080002	E09133 G51080002	E09133 G51080002
5-litre tank				E09132 G51080001	E09132 G51080001	



PROFESSIONAL LAWN MOWERS

AS ACCESSORIES	AS 53 2T 4WD RB	AS 470 Universal 4T	AS 531 4T MK	AS 531 4T MK B	AS 531 2T MK B
Twin wheels	(per set) for front & rear E09257 G06321009				
Collecting bag for side discharge	E09153 G04324000				
Operating hour meter	E10740 G06927008	E10740 G06927008	E10740 G06927008	E10740 G06927008	E10740 G06927008
Hand guard set (plastic)	E09322 G06380070				
Inclinometer	E11835 G06950027	E11835 G06950027	E11835 G06950027	E11835 G06950027	E11835 G06950027
Mulching kit	E09157 G04323005	E09163 G47026003	E09776 G53126007	E09776 G53126007	E09776 G53126007

Subject to change without notice. Errors and omissions excepted.
2-stroke oil available for all AS 2T engines (1 litre, 100 ml, box with 40 bottles, each 100 ml)



ALLMÄHER®

AS ACCESSORIES	AS 63 2T ES	AS 63 4T Honda / B&S	AS 65 2T ES	AS 65 4T Honda	AS 65 4T B&S	AS 65 Scout	AS 73 4T B&S	AS 84 4T B&S
Branch deflector			E09357 G06726021	E09357 G06726021	E09357 G06726021		E09357 G06726021	
Twin wheels	G60021011	G60021011	E09301 G06521000	E09301 G06521000	E09301 G06521000		E09301 G06521000	E09301 G06521000
Operating hour meter	E10740 G06927008	E10740 G06927008	E10740 G06927008	E10740 G06927008	E10740 G06927008	Series	E10740 G06927008	E10740 G06927008
Hand guard (steel)				E09382 G06780309	E09382 G06780309	E09382 G06780309	E09382 G06780309	E09382 G06780309
Inclinometer	E11835 G06950027	E11835 G06950027	E11835 G06950027	E11835 G06950027	E11835 G06950027	E11835 G06950027	E11835 G06950027	E11835 G06950027
Electric starter					1 E09381 G06727305	2 E09381 G06727305	3 E09381 G06727305	
Steel wheels with wheel hub			E09356 G06780016	E09356 G06780016	E09356 G06780016			
Grip heating					E09380 G06722040	E09380 G06722040	E09380 G06722040	E09380 G06722040
Tank protection and snorkel filter 2016	G60005001							
Tank protection Series from 2017		G60026018						
Air intake snorkel from 2017	G60005002							
Air intake snorkel from AS 65 2T ES			G06705001					

Subject to change without notice. Errors and omissions excepted.
2-stroke oil available for all AS 2T engines (1 litre, 100 ml, box with 40 bottles, each 100 ml)

1 From serial number 021313050001
2 From serial number 025813050001
3 From serial number 014613050001

FLAIL MOWERS		WEED REMOVERS		
AS ACCESSORIES	AS 701 SM	AS 901 SM	AS 50 WeedHex	AS 30 WeedHex
Twin wheels	E09301 G06521000	Series		
Operating hour meter	E10740 G06927008	E10740 G06927008	E10740 G06927008	E10740 G06927008
Hand guard set (steel)	E09382 G06780309	E09382 G06780309		
Inclinometer	E11835 G06950027	E11835 G06950027		
Steel wheels with wheel hub	E09356 G06780016	E09356 G06780016		
Spare brushes (wearing part)			E09751 G07323015	G07323029

Subject to change without notice. Errors and omissions excepted.

RIDE-ON ALLMÄHER								
AS ACCESSORIES	AS 799 Rider	AS 800 FreeRider	AS 900 Enduro	AS 915 Enduro	AS 920 Sherpa 2WD	AS 940 Sherpa 4WD	AS 940 Sherpa 4WD XL	AS 940 Sherpa 4WD RC
Trailer (without hitch)	E09311 G06800003	E09311 G06800003	E09311 G06800003	E09311 G06800003	E09311 G06800003	E09311 G06800003	E09311 G06800003	E09311 G06800003
Trailer hitch	E09312 G06800004	E09312 G06800004	E09313 G06600005	E09313 G06600005	E09323 G06900002	E09323 G06900002	E09323 G06900002	E09323 G06900002
Snow blade without adapters	E09306 G06837006	E09306 G06837006	E09306 G06837006	E09306 G06837006	E09306 G06837006	E09306 G06837006	E09306 G06837006	E09306 G06837006
Adapter & operating elements for snow blade	E09308 G06837017	E09308 G06837017	E09309 G06637009	E09309 G06637009	E09307 G06937014	E09307 G06937014	E09307 G06937014	E09307 G06937014
Adapter + operating elements for snow blade and weather cabine					E09329 G06900005	E09329 G06900005	E09329 G06900005	E09329 G06900005
Weather cabine					E09326 G06928001	E09326 G06928001	E09326 G06928001	E09326 G06928001
Snow chains	E09317 G06837015	E09317 G06837015	E09316 G06637006	E09316 G06637006	E09325 G06937003	E09325 G06937003		
Seat suspension kit			E09348 G06680124	E09348 G06680124				
Lawn tyres front	E09318 G06621001	E09318 G06621001	E09318 G06621001	E09318 G06621001				
Lawn tyres rear	E09321 G06821007	E09321 G06821007	E09319 G06621002	E09319 G06621002				
Twin wheels (extreme traction)					E09349 G06921016	E09349 G06921016	E09349 is not suitable for Sherpa XL !	E09349 is not suitable for Sherpa RC !
Operating hour meter	E10740 G06927008	E10740 G06927008	in series	in series	in series	in series	in series	in series
Larger XL wheels (Set front/rear)					E09305 G06921014	E09305 G06921014		
Mulching kit (max. grass height 40 cm)					E09164 G06926034	E09164 G06926034	E09164 G06926034	E09164 G06926034
Inclinometer	E11835 G06950027	E11835 G06950027	E11835 G06950027	E11835 G06950027	E11835 G06950027	E11835 G06950027	E11835 G06950027	E11835 G06950027
Steering wheel knob	E07978 G06680106	E07978 G06680106	in series	in series	E09327 G06980011	E09327 G06980011	E09327 G06980011	E09327 G06980011

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AS AS QUALITY ACCESSORIES IN DETAIL

We put the same focus on the long service life, functionality and safety for the user in our accessories as we do in our machines.



TRAILER

The ideal trailer for ride-on mowers. Load floor: L=1071mm, W=607 mm, loading sill height = 274 mm. Maximum authorized weight: 100 kg.



TRAILER COUPLING

For connecting the AS trailer with the AS 799/800/900/915 and AS 940.



SNOW BLADE

For ride-on mowers AS 799/800/900/915/920 and 940. With swivel adjustment in both directions. W:1107 mm. H:348mm.



SNOW CHAINS

Cross-chains for the rear drive axle on the AS 799/800/900/915/920 and AS 940.



LAWN TYRES

Low impact tread for use on the AS 799/800/AS 900/915 and AS 920.



LOW-PRESSURE TYRES

Better traction on loose ground. Larger contact area preserves the soil. For AS 65.



BRANCH DEFLECTOR

Careful mowing among trees. Available for AS 65 and AS 73.



SIDE COLLECTING BAG

For AS 53.



OPERATING HOUR METERS

For all ride-on mowers.



REAR WHEEL BRAKE

Available for AS 21, AS26, AS 45 and AS 53.



HAND PROTECTION

Effective protection against thorns and tendrils. For AS 53, AS 21, AS 26 and AS 28.



2 STROKE OIL TITAN 2 T 100 S

Allows an ecologically beneficial mixture ratio of 100:1 to be used. 100 ml.



2 STROKE OIL TITAN 2 T 100 S

Allows an ecologically beneficial mixture ratio of 100:1 to be used. 1 liter.



PROTECTION BUMPER

Protects frontwheels and machine sides from impacts. For AS 510.



5 LITER FUEL TANK

The 5 l tank available for AS 510.



STEERING KNOB

Facilitates one-handed steering and manoeuvring.



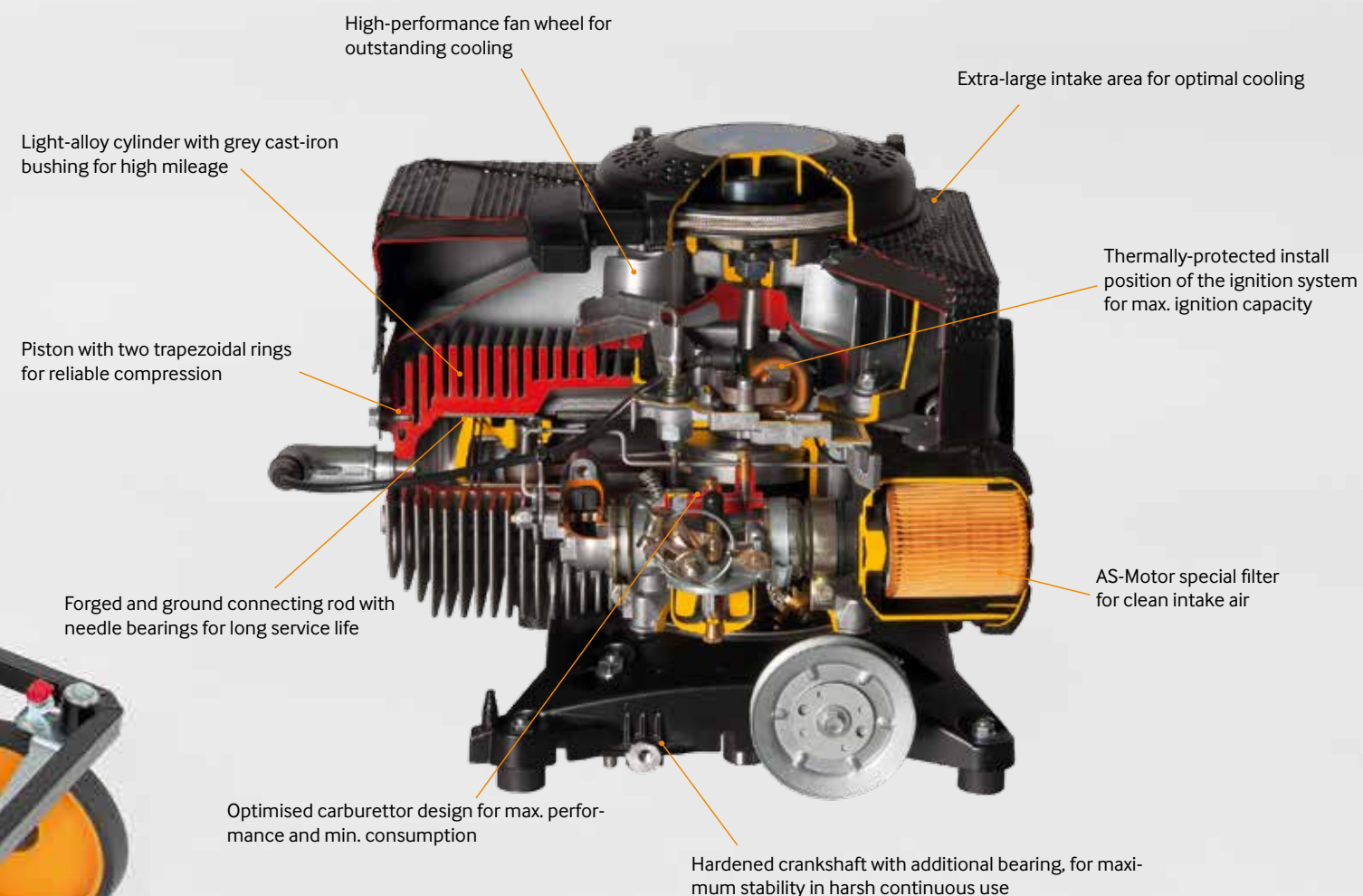
INCLINOMETER

Always in sight. Simply attaches to the fuel tank of ride-on mowers.



STEEL WHEELS WITH HUB

Improves traction even during work transverse to the slope.



EasyStart

Strong engine, easy start

New, innovative easy start function. Our thoroughly redesigned 2-stroke motor can be started with the utmost ease.

The pulling force required on the starter rope has been significantly reduced through a decompression bore in the cylinder.

A new digital ignition system (CDI) is used for the EasyStart engine. Thus the starting rpm of the engine can be drastically reduced. This makes it possible to start the engine with minimal expenditure of force. Thanks to an integrated rotational speed limiter, revving up the unloaded engine can be avoided.

In the air filter and carburettor, the air – fuel channels are optimised and the nozzle equipment is adapted to the new conditions.

Through the rpm-dependent adjustment of ignition time and the optimised carburettor, the engine smoothly adapts to all operating conditions. Engine power has been increased in spite of a reduced rated rotational speed.

The intake openings in the engine cover have been enlarged. Through this measure, engine cooling is ensured, even if there is heavy accumulation of contamination (leaves, grass seeds, etc. on the intake grill).

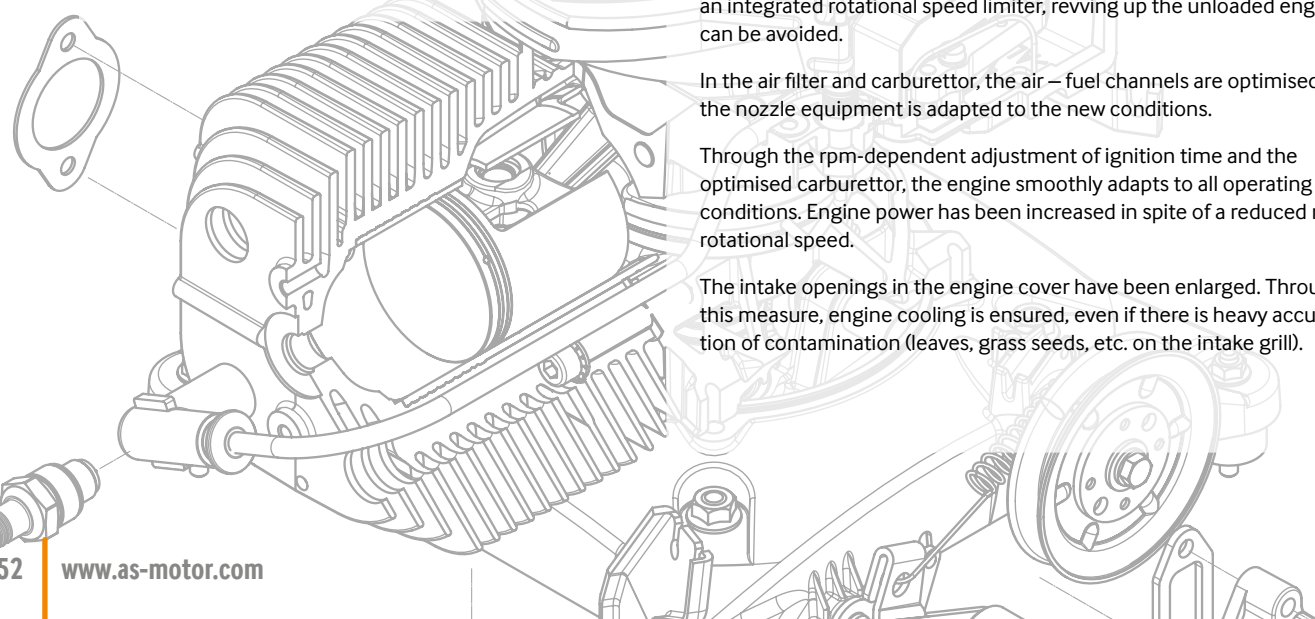
Engines especially developed for our mowers

Since 1959 we develop and produce our own engines. They are especially matched to the use of our mowers and the respective area of implementation. In this regard, quality, performance and efficiency are always the top priorities. Consequently, we also make no compromises for the components installed in the engines, and rely on our in-house developments with a vertical integration depth of over 90 %.

The two-stroke engine that we have developed is a powerhouse. It works with high torque and incredible power at favourable consumption values.

AS-Motor is the world's only manufacturer that builds 2-stroke engines for hand-guided motorised mowers that meet the requirements stipulated in the European Emissions Standard.

Unlike 4-stroke engines, the 2-stroke engine has no restrictions whatsoever for use on a slope. Inclines of 45° and more are possible with no problems. The use limit is only set by the work safety of the user.



Precision crankcase housing



Manufacturing – 2-stroke engine



Engine test



Parts manufacturing



Final inspection – precision crankcase housing



The certainty that we are creating timeless values, motivates us each day anew

MADE IN GERMANY

Some are astounded when they learn of our vertical integration depth; we develop and produce almost all of our components in our own manufacturing facilities in Germany. This is the only way to ensure quality and reliability "Made in Germany" as we understand it.

Design and development

We implement our own ideas and meet the current market requirements in the team. From CAD-assisted new developments to prototype construction. And this we always do in compliance with the most rigorous quality standards.

The highest level of quality.

The engine devices and 2-stroke engines developed in-house are reliably and accurately assembled by trained specialists. Every hand grip is perfectly seated to the last detail. Our assembly employees know "their products" like the back of their hand. In addition, every device runs through a final test.

Intensive practical test

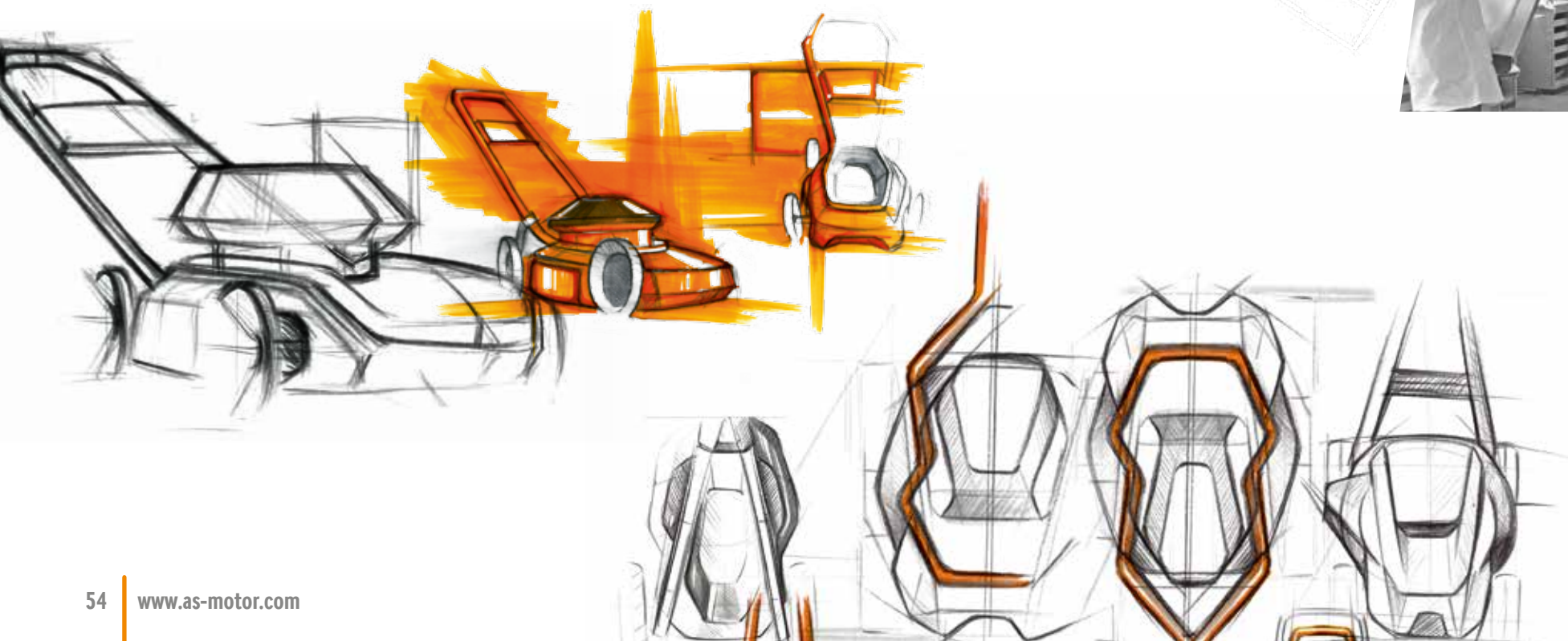
Before start of series production, our devices are subject to extensive practical tests. We sell our products exclusively via trained specialised dealers. This is the only way to ensure that you are ideally supported and that original spare parts will still be available after the production series of a device is discontinued.

Family company

Since 1959 we have employed a staff of employees who remain with the company – the average length of company service is more than 25 years. We are proud of this. This collaboration enables us to consistently be true to our values.



Then...



...like today.

ALL TERRAIN MOWERS
MADE IN GERMANY

**AS
MOTOR**

AS-Motor Germany GmbH & Co. KG

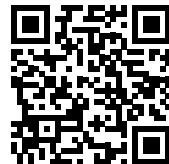
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Germany

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info@as-motor.de
www.as-motor.de

Nothing can take the place of your visit to an authorised AS-Motor dealer. Your dealer will take the time to individually advise you regarding purchase and servicing of the AS Motor range of machinery to ensure your long term satisfaction.

For further details of the performance capabilities of the AS-Motor models please visit our website at:
www.as-motor.com

View our application videos at:
www.youtube.com/ASMotorGermany



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