

THE OPTIMAL COMBINATION OF THE MOST POWERFUL MOWERS

AS-Motor is THE manufacturer for professional technology when the task at hand is care of high grass on steep and difficult to access slopes.

Municipal service depots, landscapers, as well as garden maintenance service providers, rely on the hand-guided high grass mowers and the ride-on mowers from AS-Motor.

Rotary mowers and flail mowers are used to mulch high grass. Flail mowers are particularly impressive through high work rates, robustness relative to foreign objects, and uniform grass placement.

After several years of development work on the part of the AS-Motor development and test team, AS-Motor now offers a new, unique device concept: A ride-on flail mulcher that is suitable for working on slopes, with an extremely low centre of gravity and four-wheel drive for professional use – the AS 1040 YAK 4WD.

IN THE WORDS OF THE PROFESSIONAL TESTER:

„A total success. Last year I thoroughly tested the new ride-on flail mower. For me the three decisive advantages are: The super cutting performance with a really outstanding cutting pattern, the robustness, and the extremely high mowing speed.“

Harald Ernstberger
Joes Forstservice,
Ebermannstadt
Germany



TECHNICAL SPECIFICATIONS

Mower deck	Cutting device:	Flail mower unit
	Cutting tool:	56 Y-flails, both sides can be used
	Drive, cutting tool:	V-belts
	Cutting width:	100 cm
	Cutting height:	30 - 110 mm
	Transport position:	120 mm
Engine	Transport position surfing:	140 mm
	Number of levels:	7
	Max. growth height:	150 cm
	Design:	2-cylinder, 4-stroke OHV-engine with cyclone filter
	Manufacturer:	Briggs & Stratton
	Type:	Vanguard.Commercial Series 3864 with strong crankshaft (28 mm)
Displacement:	627 cm ³	
Rated power:	14.7 kW / 20.0 hp	
Maximum power:	17.2 kW / 23.0 hp	
Engine speed:	3000 rpm	
Starting device:	Electric start	

Drive	Traction drive, type:	Permanent four-wheel drive with cruise-control function
	Drive, rear:	Hydrostatic transmission with limited-slip differential
	Drive front:	Pendulum axle with two hydraulic motors
	Speed, forward:	0 - 6,5 km/h
Dimensions and weights	Speed, reverse:	0 - 6,0 km/h
	Turning radius:	2,60 m
	Weight:	335 kg
	Operating dimensions L/W/H:	199 cm / 122 cm / 159 cm
Fill quantities	with folding rollover bar L/W/H:	199 cm / 122 cm / 107 cm
	Max. trailing load:	100 kg
	Max. tongue load:	50 kg
	Fuel tank:	15 l / normal petrol
Work rate	Engine oil:	1,7 l / 5W-50
	Transmission Oil:	6,7 l / 5W-50
	Max. 7000 m ² /hour	

Changes in technology, equipment and price are reserved. Of information or illustrations no claims can be derived.



AS-Motor Germany GmbH & Co. KG
Ellwanger Straße 15
74424 Bühlertann, Germany
Phone +49 (0)7973-9123-0
info@as-motor.de
www.as-motor.com

AS
MOTOR

THE INNOVATION OF THE YEAR:
AS 1040 YAK 4WD



THE PROFESSIONAL RIDE-ON FLAIL-MOWER
STRONG, ROBUST, AT HOME ON
DIFFICULT TERRAIN

AS
MOTOR

AS 1040 YAK 4WD THE NEW RIDE-ON FLAIL MOWER



BETTER FLAIL THAN ROTARY

The newly developed and asymmetrically arranged, 100 cm wide, flail mower unit of the **AS 1040 YAK 4WD** is clearly superior to a conventional rotary mower unit.

MAXIMUM STABILITY AND ROBUSTNESS – the flail mower unit enables a larger cutting width at maximum stability of the mower unit. Rotary mowers with similar working widths hit their physical limits at extreme loads. With regard to unforeseeable collisions with foreign objects, the flail mower unit is clearly superior to any rotary mower in terms of robustness and ruggedness.

UNIFORM GRASS PLACEMENT – for a visually perfect mowing pattern over the complete working width. The swath formation on the right side that is typical for rotary mowers is avoided completely.



MADE FOR PROFESSIONALS

HIGHER WORK RATE – since time is money. Thanks to the flail mower unit, mowing with a minimum overlap is possible. The professional B&S 2-cylinder Vanguard Commercial OHV horizontal engine transmits the force directly to the flail rotor via a belt drive. Combined with the minimal offset of the mowing paths, this gives rise to the decisive work rate advantage.

ROBUST AND DURABLE – stable, squared-tube frame with weight-optimized design, low-maintenance hydrostatic transmission and optimal cooling ensure a long service life.



EXTREMELY SUITABLE FOR SLOPES

The new **AS 1040 YAK 4WD** sets new standards in the suitability of ride-on mowers for working on slopes.

LOW CENTER OF GRAVITY – the engine has been installed as deep in the device as possible and the driver seat is just a few centimetres above the mower unit. In conjunction with the four-wheel drive this offers crucial safety reserves on the slope.

STABLE LATERAL POSITION, NO BOBBING MOTION – the balanced weight distribution – 45 % of the weight on the front axle and 55 % of the weight on the rear axle – ensures outstanding traction and safe work on every terrain.



The namesake for the new **AS 1040 YAK 4WD** is the yak: A long-haired domesticated bovid found throughout the Himalayan region and a much-used pack animal. Yaks are specialists in adapting to their harsh habitat. They also provide top performance under extreme conditions and are the perfect complement to the Sherpa.

Steep slope compatible
15 litre tank for an
extended range

On-demand limited
slip differential for
optimal traction

Foot guard bracket
for added safety

Welded lashing eyes
for safe transport

Easy-motion, spring-
supported cutting
height adjustment

Asymmetrically arranged
flail mower deck for
comfortable mowing,
even under obstructions



Drive lever with
cruise control
function

Bucket seat with
optimized seat
spring package

Stable, folding
guard

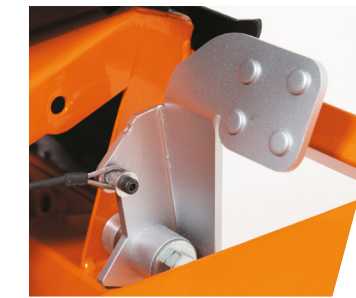
Durable cyclone
air filter

Low rear-end for optimal
all-round view and optimal
weight distribution

Reservoir for
hydrostatic
transmission oil

Low-pressure tyres
filled with AS-Motor
tyre sealant

Easily-accessible
12-volt battery,
arranged at low
position in the mower



SAFETY FIRST

Stable folding rollover bar, integrated safety switch in the driver seat and panic pedal for emergency stop, ensure maximum operator safety. Safer transport through lashing eyes on the device.



OPTIMAL ERGONOMICS

Upright sitting position, perfect steering wheel position and legroom for operators up to 6'6" in height. Lateral deflectors that protect the operator from undergrowth and thorns. Bucket seat with newly developed seat suspension.



EASY MAINTENANCE

Easy replacement of the flails and drive belt thanks to appropriate service cut-outs and openings. Fast access to all maintenance points.



COMFORTABLE TRACTION DRIVE

Variable hydrostatic drive with one-hand drive lever, cruise control and integrated parking brake for fatigue-free work.



OPTIMAL TRACTION

Permanent four-wheel drive with on-demand limited slip differential for the rear axle. Low pressure tyres with aggressive tread and AS-Motor tyre sealant (flat-stop).



SURFING FLAIL MOWER DECK

The surfing mower deck adapts to unevenness and makes vertical yielding movements on uneven terrain. Easy height adjustment through spring support.