

FLAP MOWERS

Bowell ATV flail mower

Flail mower with Briggs & Stratton petrol engine & trailer hitch



KEY FEATURES

- 14 hp Briggs & Stratton engine
- Performance rotor shaft with spiral-arranged flails
- 320 g hardened hammer blades
- Up to approx. 45 cm grass height
- Large maintenance hatch at the rear
- 120 cm + 150 cm working width
- Car trailer coupling
- No tractor required
- Adjustable drawbar for side-shift mowing

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ATV Mulcher – Versatile

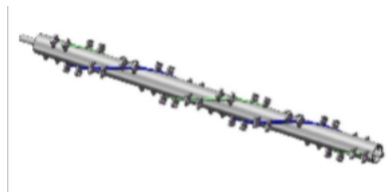
The Bowell **ATV flail mower** is a powerful mulching mower for towing vehicles fitted with a ball-head trailer coupling. The machine is equipped with a **420cc four-stroke petrol engine** from Briggs & Stratton, delivering 14 hp. Briggs & Stratton workshops across Europe are available to provide servicing and the manufacturer's warranty for the engine.

You no longer need a tractor, as you can now carry out large-scale mulching work comfortably using your own vehicle. This could be your **car, SUV, pick-up**, or even a **quad bike, ATV, UTV** or lawn tractor. For ease of use, the mower is fitted with an **emergency stop switch** that connects to the towing vehicle, as well as a throttle cable that allows you to control the engine speed from the towing vehicle.



Performance rotor shaft with hardened hammer blades

Unlike other machines, we do not use Y-blades but, depending on the working width, **28 or 32 hardened hammer blades**, which can process not only grass but also bushy material and twigs up to 20 mm in diameter. A further improved, spiral arrangement of the blades on the rotor shaft guarantees maximum performance with minimum strain on the engine.



Centrifugal clutch developed in Germany

The new Bowell drive system with a **17 mm drive belt** features a high-performance centrifugal clutch that was developed specifically for our ATV flail mowers in Germany.

The high-quality linings and the clutch's spring system, which continues to function reliably for years, guarantee almost 100% power transmission with barely measurable power loss.

The drive belts are tensioned completely maintenance- and wear-free by lifting the entire drive unit, which rests on a solid platform.

In addition to a recoil starter, the Bowell ATV flail mower is available with an electric starter as an option (battery included).

This means the powerful mulcher can be used wherever a high-performance mulcher is needed for meadows, pastures or undergrowth. **The working width is 120 cm or 150 cm.**



FLAP MULCHER

Variable chassis

The ATV flail mower can be moved from transport to working position in seconds using rotary cranks and offers a **cutting height of 20 mm to 70 mm**.

The new drawbar can be moved sideways, allowing for offset operation so that you can drive close to walls and mow under bushes or solar panels.

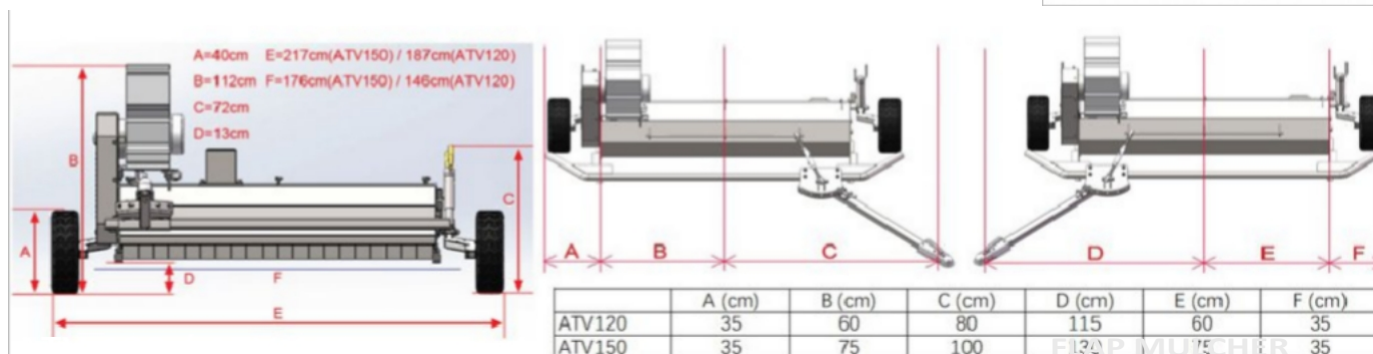
When **mowing** to the right of the direction of travel, the Bowell **ATV flail mower** can **mow 140 cm (ATV-120) or 175 cm (ATV-150) from the centre of the towing vehicle**. To the left of the direction of travel, you can mow 175 cm (ATV-120) or 205 cm (ATV-150) from the centre of the towing vehicle. This allows you to achieve results that are otherwise only possible with tractors fitted with side mowers.

The ATV flail mower is typically operated with side-mounted wheels, which allow even smaller towing vehicles to manoeuvre the 223 kg or 263 kg mower safely. For special applications near fences, buildings or other boundaries, the wheels can also be positioned behind the mower, allowing you to mow right up to trees, bushes or buildings. However, this significantly increases the drawbar load on the trailer coupling.

Beneath the heavy, sturdy cover made of 4 mm thick sheet steel lies a **laser-balanced cutter drum** fitted with 28 or 32 hardened, solid hammer flails, each weighing 320 g. The cutter drum rotates at up to 3,200 rpm and reduces the cut material to a minimum so that it can decompose quickly.

The Bowell ATV flail mower is ideal for mowing larger meadows of all kinds and can also be used for scrub, small bushes or work on rough terrain. The **heavy, ball-bearing-mounted rear roller** ensures smooth running. Grass or bushy, straw-like cuttings are no problem for this mower.

With the large, wide tyres of the ATV flail mower, transport journeys are comfortable to undertake and even soft ground is no longer a problem.



TECHNICAL SPECIFICATIONS	ATV-120	ATV-150
Dimensions (LxWxH) mm (wheels side/rear)	2000x1870/1460x112	2000x2170/1760x1120
Total weight kg	281	312
Working width cm	115	145
Recommended grass height cm	< 45	
Adjustable cutting height mm	20–70	
mm ball-head towbar	50	
Engine power (hp)	14	
Engine capacity cc	420	
Fuel tank capacity L	6.5	
Fuel	Unleaded E10	
Fuel consumption L/h	approx. 1.5 ~ 2.0	
Starter	Recoil starter (electric starter optional)	Recoil starter (electric starter optional)
Working capacity (approx. values) m ² /h	2100–2500	2500–3000
V-belts / Number / Width mm	2 / 17 Centrifugal clutch	
Tyre size	16" x 6.5" - 8"	
Rotor shaft diameter / wall thickness mm	108 / 8	
Follow-up roller diameter / wall thickness mm	102 / 5	
Rotor shaft diameter (rotating) mm	313	
Flatter speed m/s	52	
Housing material thickness mm	4	
Side panel material thickness () mm	6	
Paint finish	Powder coating	
Mallet shape	Hammer, hardened	
Number of hammers	28	32
Flattener weight g	320	
RPM rotor shaft	2500 / 3200	
Transport crate (LxWxH) cm	190x105x110	221x105x100

Your specialist dealer

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