

FLAIL MULCHER

Bowell EFGCpro Flail Mower

Professional medium-duty flail mower for
35–75 hp tractors



KEY FEATURES

- For tractors with Cat. 1 / 2 three-point linkage
- Performance rotor shaft with spiral arrangement of 1.2 kg hammer flails
- Reinforced rotor shaft with 127 mm diameter and 10 mm wall thickness
- Up to approx. 100 cm grass height
- 155 to 220 cm working width
- Large rear service hatch
- Gearbox by COMER (Italy)
- Easy belt tension check without tools

Bowell EFGCpro flail mower

Applications of the mower

The Bowell EFGCpro flail mower series offers professional technology for small and medium-sized tractors and is fitted with reinforced **free-wheel bevel gearboxes** from the Italian manufacturer **Comer**. With a working width of up to 220 cm available, the robust EFGCpro mowers can be optimally adapted to the power and width of your tractor and the area to be mowed.

Bowell EFGCpro flail mowers are factory-fitted with **Bowell Power Efficiency technology**. If your tractor supports a 1000 rpm PTO speed in addition to the standard 540 rpm, you can also use the Bowell EFGCpro mowers at this higher speed.

Simply swap the upper pulley for the lower pulley on the belt drive and you can achieve the same output much more efficiently and with lower fuel consumption. **Save fuel** with the new Bowell Power Efficiency technology, at no extra cost, right from the very first metre.

EFGCpro mowers can be used **effectively on medium-sized areas** with a grass height of up to 100 cm, where mowing is required only two or three times a year.

Woody plant material up to 35 mm in diameter, twigs, small branches and even small bushes are reliably shredded by the EFGCpro mower head thanks to its hammer flails, which weigh approximately 1.2 kg. EFGCpro mowers are true all-round **flail mowers for tractors** up to 75 hp (), as they are suitable for both light tasks such as regular mowing of horse pastures and for clearing significantly thicker vegetation, whilst remaining extremely competitively priced flail mowers.

Depending on the working width, the EFGCpro flail mowers are equipped with 14 to 20 of the heavy, hardened, approx. 1.2 kg new Bowell **high-performance flails**. The newly developed, replaceable counter-blades inside the flail mowers ensure an optimal result even with stubborn undergrowth and scrub.



Technology of the EFGCpro mower

The cutting height is adjusted between 20 and 75 mm using the heavy-duty, ball-bearing-mounted, **self-cleaning rear roller**. The **height-adjustable side skids** on the flail mower prevent the mower from digging into the ground when encountering uneven terrain. A support at the front ensures stability when storing the equipment.



The scope of delivery includes a **CE-approved PTO shaft** with a length of between 80 cm and approximately 110 cm, which can be shortened if required.

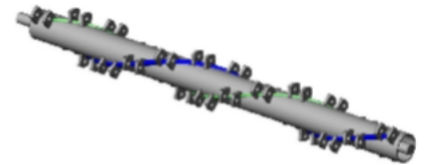
The reinforced **Comer freewheel gearbox** ensures that the heavy flail shaft can continue to run after the PTO drive has been switched off. The metal slats fitted to the front of the flail mower prevent stones and foreign objects from flying off.



SKF ball bearings with Performance rotor shaft

Beneath the robust **5 mm to 8 mm thick housing** of the **EFGCpro mowers** lies a laser-balanced rotor shaft with 14 to 20 **hardened high-performance flails**, each **weighing** approx. **1.2 kg**. The spiral arrangement of the flails on the rotor shaft guarantees maximum performance with minimum effort required from the tractor.

The **EFGCpro series** mulchers are equipped with reinforced rotor shafts, which have a diameter of **127 mm** and a wall thickness of **10 mm**. The larger diameter increases the flail speed and thus the performance.



The new **Bowell EFGCpro mowers** are fitted with **SKF ball bearings**, which are protected from external influences within solid, CNC-machined bearing housings. The stainless steel grease nipples are mounted on the outside of the mulcher housing for easy access and are protected against dirt and damage by additional metal rings.

The rotor shaft of the mowers rotates, driven by the tractor's PTO shaft at up to **2200 rpm**, and shreds the cuttings for rapid decomposition. The heavy-duty, ball-bearing-mounted trailing roller ensures smooth operation.

The drive shaft is included in the scope of delivery of the **Bowell EFGCpro flail mowers**, as is the gearbox oil, which is already filled at the factory. The operating instructions explain the assembly, commissioning and maintenance of the mowers in detail.

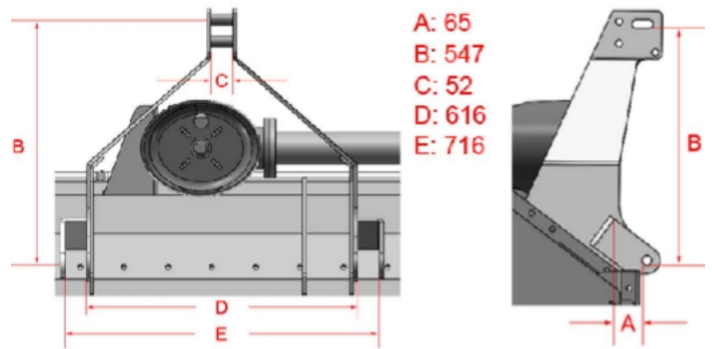


Delivery is fully assembled in sturdy **Bowell wooden crates**. Only the Cat 1 three-point hitch and the front safety bar need to be fitted to the mower.

Mower unit with drive system and 4 drive belts

Like all Bowell mowers, Bowell EFGCpro mowers are equipped with an electronically **fine-balanced flail shaft**. All working widths in the EFGCpro series feature a powerful 4-speed belt drive with **reinforced pulleys**, which enables almost 100% power transmission even with a high flail weight, with barely measurable power loss and minimal wear.

The **belt cover** allows you to check the belt tension without having to remove the cover from the flail mower. This makes your servicing and maintenance work considerably easier.



A: 65
B: 547
C: 52
D: 616
E: 716

How is the EFGCpro mulcher positioned behind your tractor?

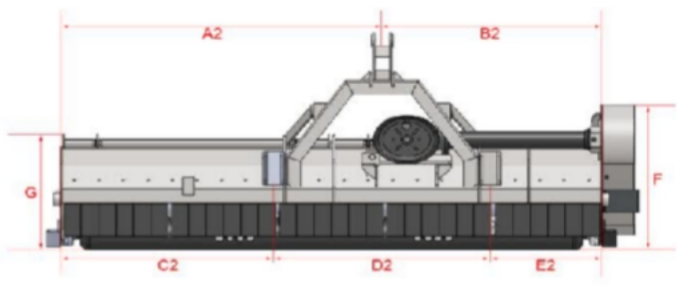
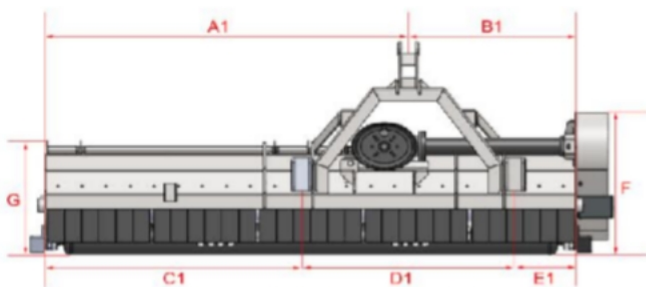
The reference point is always the centre of your tractor, i.e. where the PTO shaft is located.

Let's assume your tractor is 90 cm wide from its centre to the outer edge of the right-hand tyre (i.e. 180 cm total width); in that case, the mower should extend more than 90 cm to the right from the centre of the tractor. This allows the mower to cut to the right of the right-hand rear wheel. This would allow you, for example, to keep the tractor at a slight distance from a fence, bush, tree or shed whilst still mowing flush with the edge.

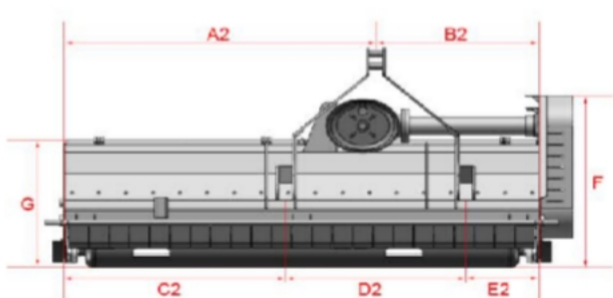
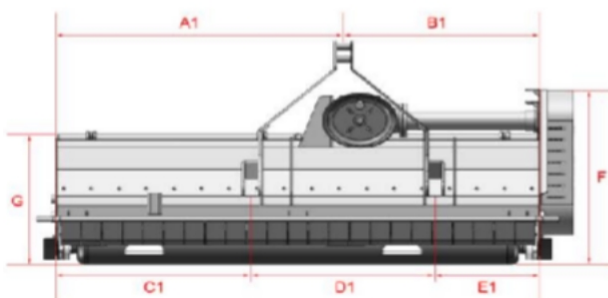
The three-point hitch can be mounted in two different positions on the mower housing. These are

marked here as A1, B1 etc. and A2, B2 etc.

If, in the example given here, the mower is to extend more than 90 cm to the right of the centre of the tractor, the EFGCpro-155 would be too narrow (A1 = 846 mm); however, with the EFGCpro-175, you could mow 14 cm to the right of the right-hand rear wheel (A1 = 1046 mm). You may find that these 11 cm are not sufficient, as you wish to mow slightly beneath a fence or bush. Provided your tractor has sufficient power, you could choose the EFGCpro-200 (A1 = 1294 mm), which can mow 39 cm to the right of your tractor's rear right wheel, or the EFGCpro-220, which would extend to over 61 cm in this case.



	A1(mm)	B1(mm)	C1(mm)	D1(mm)	E1(mm)	F(mm)	G(mm)	A2(mm)	B2(mm)	C2(mm)	D2(mm)	E2(mm)
EFGCpro-220	1515	701	1074	883	260	638	513	1315	901	874	883	460



	A1(mm)	B1(mm)	C1(mm)	D1(mm)	E1(mm)	F(mm)	G(mm)	A2(mm)	B2(mm)	C2(mm)	D2(mm)	E2(mm)
EFGCpro-155	846	716	514	664	384	684	511	954	608	622	664	276
EFGCpro-175	1046	716	714	664	384	684	511	1154	608	822	664	276
EFGCpro-200	1296	716	964	664	384	684	511	1404	608	1072	664	276

TECHNICAL SPECIFICATIONS	EFGCpro-155	EFGCpro-175	EFGCpro-200	EFGCpro-220
Dimensions (LxWxH) cm	175x86x88	195x86x88	220x86x88	242x98x96
Total weight incl. drive shaft kg	380	396	414	458
Working width cm	155	175	200	220
Recommended grass height cm	< 100			
Adjustable cutting height mm	20–75			
3-point tractor hitch	Cat 1 (Cat 2 bushings included)			CAT 1 + 2
Tractor PTO clockwise rpm	540 / 1000			
PTO shaft length mm	1000			
Distance from top link pin to ground min/max mm	850 / 897			925 / 985
Distance from lower link pin to ground min/max mm	304 / 352			360 / 465
Distance from PTO connection to ground min/max mm	565 / 613			487 / 547
Working capacity (approx. values) m ² /h	6,200–12,400	7000–14000	8800–15600	10,000–17,000
V-belt quantity / width mm	4 / 17	4 / 17	Apr. 17	Apr.17
Recommended tractor engine power HP/kW	35–45/26–33	40–55/29–40	55–65/40–48	65–75/48–55
Rotor shaft diameter / wall thickness mm	127 / 10			
Follow-up roller diameter / wall thickness mm	133 / 5			
Rotor shaft diameter (rotating) mm	387			
Flatter speed m/s	46.5			
Housing material thickness mm	5			5
Side panel material thickness () mm	6			8
Paint finish	Powder coating			
Mallet shape	Hammer, hardened			
Number of hammers	14	16	18	20
Flat weight (kg)	approx. 1.2			
rpm rotor shaft	2295			
Transport crate (LxWxH) cm	180x90x78	200x90x78	225x90x78	250x102x78

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