

EUROCAT

PÖTTINGER front and rear drum mowers





Drum-type mowers for a perfect cut

We rely on proven drum mower technology. The major advantage of our drum mowers is their high performance in dense grass crops. You benefit from the boost in crop flow and perfect swath formation. EUROCAT front- and rear-mounted mowers ensure first-class cutting quality, durability and output. Our front- and rear-mounted mowers minimise forage contamination thanks to their excellent balance and ability to follow undulations in the terrain. The result is maximum forage quality for your livestock. The lightweight EUROCAT CLASSIC Front mounted mowers are ideal for smaller tractors.

Drum-type mowers are known for their clog-free, tidy cut. PÖTTINGER mower drum technology specialises in smooth crop flow and excellent clearance.

Harvest time is short and precious. Ease of maintenance is extremely important at PÖTTINGER. The knives can be changed quick and easy with the quick-change system.

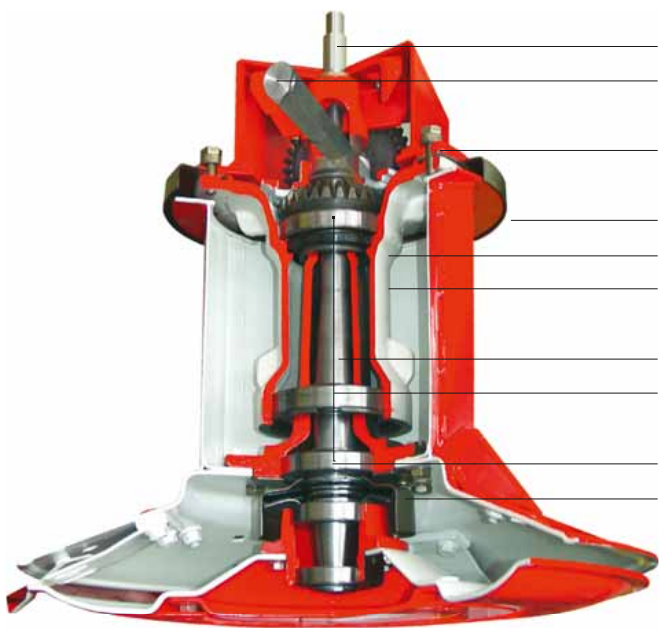
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All information relating to technical photos, data, dimensions, weights, output, etc. are approximate and are not binding.

Mower drums for the highest expectations

Reliability for many years



- PLUS – Continuously variable adjustment of the cutting height.
- The hexagonal driveshaft is split between the drums – making it easier to remove if required.
- The mower drums are bolted to the bar on the outside so removal is easy.
- Overlapping cover plates.
- The smooth running bevel gears run submerged in oil.
- Robust cast bearing housings – precision-machined using CNC machining centres.
- Central adjustment axle.
- Precision bearings designed for the toughest conditions.
- Permanent lubrication.
- Overlapping cover plates.
- Two-piece saucers.

Spacer rings for different cutting heights

Spacer rings are utilized for different cutting heights at mowers without central cutting height adjustment.

Two-piece saucers

The saucers are supplied in two parts and screwed. Simple and inexpensive changing. High-cut saucers from fine-grained steel provide additional cutting height of + 0.79" / + 20 mm. Cutting heights up to 3.35" / 85 mm are possible especially for arable forage.





Blade quick-change system

Press down the spring clamp by using a knife wrench. Remove the blade and slide the new blade into place. The blade holders are screwed with the mowing plates and can be changed quick and easy. In case of natural wear the blade holders can be displaced.



PLUS – Continuously variable adjustment of the cutting height

The cutting height of all the drums is adjusted centrally – from 1.57 to 2.56" / 40 to 65 mm. The central adjusting axle does not rotate. As a result, the skid saucers do not rotate while the mower is raised. The robust adjusting device is maintenance free. The central axle of each rotor unit is protected over the full range of adjustment by overlapping cover plates. The whole adjustment range is lubricated for life to protect the adjustment mechanism against corrosion. A rubber boot prevents dirt and moisture from entering and ensures smooth operation.



PLUS – Continuously variable adjustment of the cutting height

Plenty of clearance

To improve crop flow, the bodies of the inside drums have a smaller diameter. Swath formation is improved too and the drum mower runs more smoothly, especially in high volumes of forage.

EUROCAT CLASSIC

Front mounted mowers



Modern design – classic reliability

Minimum weight was the main priority when designing the CLASSIC generation of front mowers. The compact construction of the sleek headstock and the implementation of lightweight pressed components are the key features of these mowers. The demand for effective suspension to optimise ground tracking has also been met in full by our EUROCAT CLASSIC.



Straightforward, practical weight alleviation

Two powerful springs ensure a uniform ground pressure over the whole width of the cutter bar. The chain length can be used to quickly optimise the pressure of the cutter bar.



Ultimate ground tracking

The headstock is the trademark of perfect ground tracking. The sophisticated linkage geometry brings the centre of gravity as close to the tractor as possible in all working positions. Gimbals on the cutter bar guide arms guarantee smooth freedom of movement. With a travel of +/- 8 degrees, the mower is guided accurately over each bump in the ground. Stabiliser springs inside the headstock keep the mower centred during transport.



Individually adjustable swathing discs

The individually adjustable swathing discs (optional) place the forage in a swath of the desired width.

Additional swathing discs are available for even narrower swath placement.



Drive from the field onto the road without leaving the cab

The side guards are strong full-length pressed steel parts. Hydraulic folding is available if required.



EUROCAT ALPHA MOTION

Front mounted mowers



Mowing without limits

ALPHA MOTION technology is based on the advanced design of the mower mounting frame. Compared to other mounting systems, not only do the guide arms respond to every undulation of the terrain, but also the mounting frame itself.



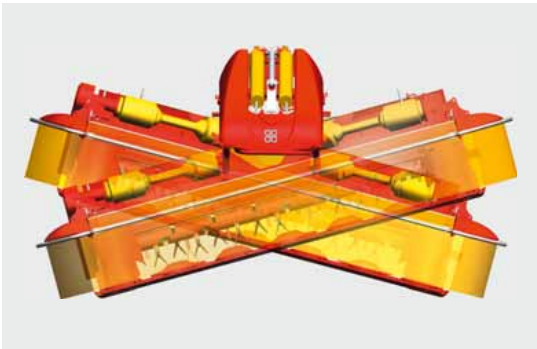
The ultimate headstock

You can hitch up these mowers to any tractor between 60 and 360 hp, regardless of tractor make and type. The different types of hitch have no influence on the guidance of the mower. The cutter bar rises to float over each bump and is guided down into each dip.



Unique ground tracking

Two powerful springs are integrated in the headstock. The springs ensure an even release of the mowing unit over a distance of 20" / 500 mm. A simple, yet highly effective pressure for all usage types. The cleverly thought out geometry of the headstock places the centre of gravity as close as possible to the tractor in all working positions.



Transverse movement

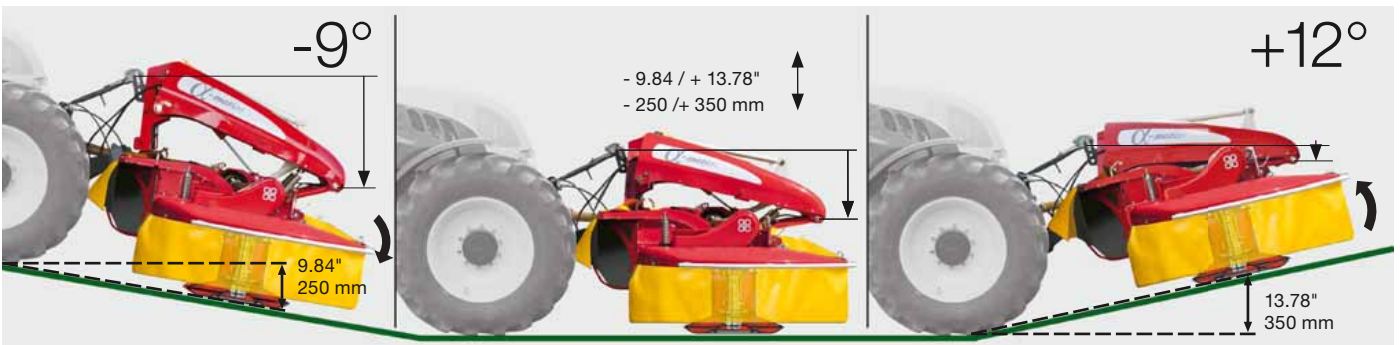
A unique +/-16 degrees of transverse movement is offered thanks to the gimbals in the guide arms.



The advantages of ALPHA MOTION

- Extremely effective suspension provides a total vertical travel of 20" / 500 mm.
- Inclination angles of 12° upwards and 9° downwards prevent the cutter bar from damaging the sward. Sward and machine conservation at their best.
- The mower can be driven at high speed without the cutter bar rising.
- A huge ground clearance of 13.78" / 350 mm is provided at headlands and in the transport position.
- Thanks to its unique design, the driver has a perfect view of the cutter bar.
- The mower moves virtually on a vertical plane, minimising telescoping of the PTO shaft and greatly reducing dynamic stress.

Unique ground tracking to protect the sward and the machine



EUROCAT

Rear mounted mowers



Hitching up made easy

Hydraulic lower linkage arm

The hydraulic lower linkage arm makes it easy for you to hitch up without having to adjust the linkage struts on the tractor. This ensures you always have the right weight alleviation and plenty of ground clearance at headlands.

Variable hitching made easy

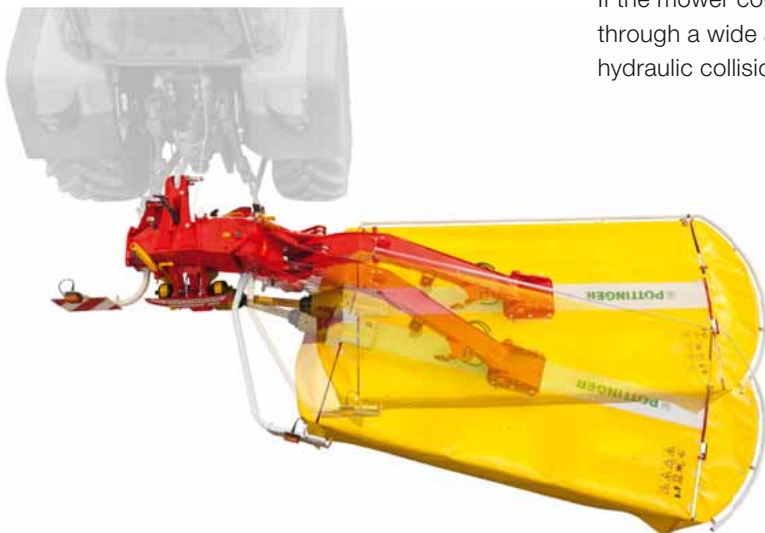
Thanks to the adjustable mounting pins, these mowers can be hitched up to a wide range of tractor types quickly and easily. As a result you make full use of the whole mowing width.

- Practical PTO shaft holder makes hitching up easier.
- A handy blade box provides space for replacement blades.
- The blade tool is kept on the machine.



Collision safety device

If the mower collides with any obstacles, the cutter bar can fold back through a wide arc to the rear. The triggering force is adjustable. A hydraulic collision safety device is also available as an option.





Developed by PÖTTINGER – the “floating cut” is the decisive factor.

Since the mid-80s, our mower developments have focussed on the “floating cut”. Optimised ground tracking and sward conservation thanks to reduced pressure on the ground is what farmers demand on all mowers.



Centre pivot mounting for optimised ground tracking

The EUROCAT centre pivot mounting supports the cutter bar evenly over the entire cutting width. This reduces the power input required – an enormous advantage when mowing with a conditioner. The wide +/- 22.5 degree arc of movement enables easy mowing on rough surfaces and embankments.



Effective weight alleviation

Hydraulic weight alleviation **(1)** provides uniform ground pressure over the whole cutter bar width. The pressure of the cutter bar on the ground can be infinitely-variable adjusted depending on the condition of the ground and the conditioner or swath formers fitted. No additional filling hose is required and you can read the current pressure at the pressure gauge. In dry, hard conditions the ground pressure can be increased to stabilise the cutter bar at high driving speeds. Damp, soft conditions require a reduction in ground pressure to ensure the best ground tracking and conservation of the sward.



EUROCAT

Ingenious technology



Drive system

All drive elements are robust and large dimensioned. Two driveshafts and an angular gearbox ensure reliable power transmission. Exceptional smooth running is guaranteed. A friction clutch and freewheel provide optimum protection. The gears run submerged in oil and are maintenance free



Space-saving parking

With the optional parking stands they find room in the smallest spaces.



Practical transport position

The cutter bar is raised using double-acting spool valves. A low transport height is achieved by folding the mower through 115°. The centre of gravity is on the tractor's centreline and the driver has a clear view to the rear in both side mirrors.



ED tine-type conditioner

The **EXTRA DRY** conditioner is a joint development with the **Institute of Agricultural Engineering (IMAG-DLO)** in Wageningen (Holland) that started in 1997 to prove there is better way. Your forage dries measurably faster thanks to the adjustable conditioning intensity and wide placement.

V-shaped steel tines of hardened steel guarantee a continuous flow of crop and an extended service life. The tines are mounted on rubber elements in a spiral configuration on the conditioning roller.

EXTRA DRY drying accelerator

The tine rotor propels the forage across an adjustable conditioning plate. Adjustable guide vanes distribute the flow of crop over the whole mowed width. The forage is then deposited in a uniform and airy blanket by the wide-spread hood. Pivoting swath plates can be used to form a swath.

Even more flexibility

Power is transmitted from the cutter bar gearbox to the rotor by V-belts with a spring-loaded belt tensioner. If you don't need the conditioner, just remove it.

- The V-belts are easily detached for removing the conditioner.
- The drive system is reliably protected against contamination.
- The greasing points are located on the outside for easy access.



Technical data / Equipment options



EUROCAT CLASSIC Front mower with four drums	Working width ft / m	Linkage	Placement width without swathing discs ft / m
EUROCAT 271 CLASSIC	8.86 / 2.70	Quick-release coupling	–
EUROCAT 271 PLUS CLASSIC	8.86 / 2.70	Quick-release coupling	–
EUROCAT 311 CLASSIC	10 / 3.05	Quick-release coupling	–
EUROCAT 311 PLUS CLASSIC	10 / 3.05	Quick-release coupling	–
EUROCAT ALPHA MOTION			
EUROCAT 311 ALPHA MOTION	10 / 3.05	Quick-release coupling	–
EUROCAT 311 ALPHA MOTION PLUS	10 / 3.05	Quick-release coupling	–
EUROCAT 311 ALPHA MOTION PLUS ED	10 / 3.05	Quick-release coupling	8.9 – 6.2 / 2.7 – 1.9
EUROCAT Rear mower with four drums	Working width ft / m	Linkage	Placement width without swathing discs ft / m
EUROCAT 272	8.86 / 2.70	Cat. 2 / 2 und 3 / 3	5.9 / 1.8
EUROCAT 272 ED	8.86 / 2.70	Cat. 3 / 3	5.2 – 3.9 / 1.6 – 1.2
EUROCAT 312	10 / 3.05	Cat. 3 / 3	7.2 / 2.2



	Hydraulic Side protection folding	Swath disc left / right	Additional swath discs
EUROCAT 271 CLASSIC / 311 CLASSIC	<input type="checkbox"/>	■	<input type="checkbox"/>
EUROCAT 271 PLUS CLASSIC / 311 PLUS CLASSIC	<input type="checkbox"/>	■	<input type="checkbox"/>
EUROCAT 311 ALPHA MOTION	<input type="checkbox"/>	■	<input type="checkbox"/>
EUROCAT 311 ALPHA MOTION PLUS	<input type="checkbox"/>	■	<input type="checkbox"/>
EUROCAT 311 ALPHA MOTION PLUS ED	<input type="checkbox"/>	–	–
EUROCAT 272 / 312	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
EUROCAT 272 ED	<input type="checkbox"/>	–	–

■ = Standard, □ = Optional



2 / 4 Swathing discs ft / m	Tractor PTO speed	Transport width ft / m	Power requirement from	Acres / Hectares per hour up to	Weight lbs / kg
4.6/3 / 1.4/0.9	1000 rpm	8.69 / 2.65	40 kW / 55 hp	6.67 / 2.7	1730 / 785
4.6/3 / 1.4/0.9	1000 rpm	8.69 / 2.65	40 kW / 55 hp	6.67 / 2.7	1863 / 845
4.6/3.3 / 1.4/1.0	1000 rpm	9.84 / 3.0	44 kW / 60 hp	7.91 / 3.2	1907 / 865
4.6/3.3 / 1.4/1.0	1000 rpm	9.84 / 3.0	44 kW / 60 hp	7.91 / 3.2	2039 / 925

4.6/3.3 / 1.4/1.0	1000 rpm	9.84 / 3.0	44 kW / 60 hp	7.91 / 3.2	2304 / 1045
4.6/3.3 / 1.4/1.0	1000 rpm	9.84 / 3.0	44 kW / 60 hp	7.91 / 3.2	2392 / 1085
–	1000 rpm	9.84 / 3.0	52 kW / 75 hp	7.91 / 3.2	2833 / 1285

2 / 4 Swathing discs ft / m	Tractor PTO speed	Transport width ft / m	Power requirement from	Acres / Hectares per hour up to	Weight lbs / kg
4.6/3 / 1.4/0.9	1000 rpm	11.81 / 3.60	52 kW / 75 hp	6.67 / 2.7	2403 / 1090
–	1000 rpm	11.81 / 3.60	52 kW / 75 hp	6.67 / 2.7	2745 / 1245
5.9/4.6 / 1.8/1.4	1000 rpm	12.47 / 3.80	59 kW / 80 hp	7.91 / 3.2	2844 / 1290



Cutting height infinitely-variable inch / mm	Spacer ring + 0.24 / 0.48 in / + 6 / 12 mm	High cut saucer + 0.47 in / + 20 mm	Warning signs Lighting
–	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.57 to 2.56 / 40 to 65	–	<input type="checkbox"/>	<input type="checkbox"/>
–	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1.57 to 2.56 / 40 to 65	–	<input type="checkbox"/>	<input type="checkbox"/>
1.57 to 2.56 / 40 to 65	–	<input type="checkbox"/>	<input type="checkbox"/>
–	<input type="checkbox"/>	<input type="checkbox"/>	■
–	<input type="checkbox"/>	<input type="checkbox"/>	■

More EUROCAT equipment options

- 540 rpm PTO speed
- Chassis and quick-change pins for ED conditioner

EUROCAT 272, EUROCAT 312

- Parking stand for storing in folded position, rear
- Hydraulic collision protection system



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