

MEX

PÖTTINGER Flywheel forage harvesters





The cost-effective alternative

MEX flywheel forage harvesters for tractors from 74 kW / 100 hp up to 162 kW / 220 hp

The cost-effective alternative for farms with up to 741 acres / 300 ha of silage maize. PÖTTINGER's MEX 5 and MEX 6 flywheel harvesters offer optimum technology for farmers who want to harvest their own silage maize and grass. The cost-effectiveness of these machines is clear: make more use of your existing tractors up to 220 hp, optimise coordination of harvesting operations with transport logistics, just-in-time harvesting to meet your schedule, plus straightforward servicing. The PÖTTINGER mechanisation concept for grass and maize also incorporates the PÖTTINGER JUMBO combiline: obtain best grass silage quality at the lowest cost with the JUMBO combiline as well as additional transport capacity for your maize harvest – the most efficient and economical concept.

MEX 6 – trailed forager

Row independent maize header 7.22' / 2.2 m with 6.23' or 1.90 m pick-up as an option

MEX 5 – for rear or front mounting

Row independent maize header 7.22' / 2.2 m with 6.23' or 1.90 m pick-up as an option

All information on technical data, dimensions, weights, output, etc. is approximate and is not binding.



 **PÖTTINGER**

MEX

Flywheel forage harvesters



MEX 6 – the trailed high-performance forager

Hydraulically adjustable pivoting drawbar – change between transport position and working position without leaving the driver's seat.

- Energy-saving power transmission using PTO, drive shaft and power band.
- PTO speed 1000 rpm, flywheel speed 800 rpm.
- Chassis with hydraulically adjustable individual wheel suspension for working position and transport position, combined with header. Tyres 340/55-16.



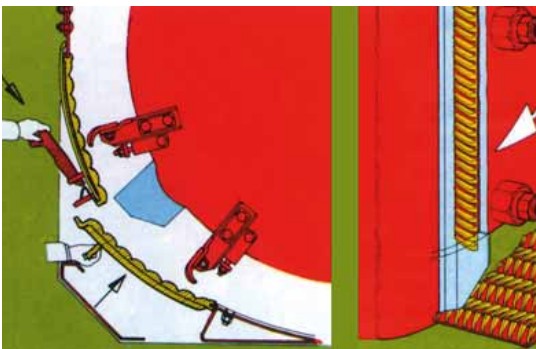
MEX 5 – for rear or front mounting

The combination of a tractor with reverse drive and the MEX 5 gives you an extremely manoeuvrable, powerful and cost-efficient self-propelled harvester.

- Because the flywheel unit is so compact, you have a clear overview of the header and feed system and the centre of gravity is close to the tractor.
- PTO speed 1000 rpm, flywheel speed 800 rpm.
- Hydraulic side shift system +/- 11.8" / 300 mm.

MEX

The proven flywheel system



PÖTTINGER flywheel system

The combination of pre-compression feed rollers, exact chopped length with the flywheel and corn cracker guarantees top quality material. All stalks and leaves are finely-chopped and grains pulverised for effective rumination. MEX forage harvesters – acknowledged the world over as the benchmark for best chopping quality. The huge blowing power of the flywheel ensures trailers are filled up right into the furthest corner.

- Flywheel with 10 centrally-adjustable knives, ideal chopping length is quickly set.
- High chute (up to 15.75' / 4.80 m) and high blowing power plus coated blowing paddles.
- Tungsten-carbide coating on knives and shear bar for smooth and precise chop. The shear bar is also tungsten-carbide coated and reversible.
- Mounting and adjustment functions are separate for rapid replacement without affecting setting.
- Wear plates in the forager housing can be replaced cost-effectively before damage occurs to housing, important on abrasive soils.

Corn cracker – more nutrients from maize

- Exceptional quality forage in all harvesting conditions.
- Rapid adaptation to new crop: allows conversion to harvest green maize in no time.

Three key components:

- Deflector behind each knife.
- Adjustable, rasped-surface blowing paddles.
- Long, sectioned cracker plate, can easily be replaced with smooth plates.



Excellent pre-compression – perfect cut

A uniform and precise chopping action can only be achieved if the crop is heavily compressed before reaching the knives. PÖTTINGER foragers are equipped with four aggressive pre-compression rollers for optimum compaction at the flywheel. This guarantees perfectly chopped material in all operating conditions.

Rugged feed system

The right chopped has to be quickly and easily adjusted to current operating conditions.

- Three different chopped lengths can be quickly set using the three-step belt drive, equipped with hydraulic reversing gear as standard.
- Individual overload protection on each driveshaft to the feed rollers.

Perfect compression roller control

- The PÖTTINGER concept featuring the three-step belt drive system for the pre-compression rollers provides the ideal solution, which includes a reversing gear.
- The two upper rollers are spring-loaded to reliably draw in every type of crop.
- The 18.5" / 470 mm-wide intake channel is critical to achieve high capacity intake.
- The two upper rollers can move completely independently of each other. This ensures continuous compression of the forage right up to the shear bar.
- The crop is heavily compressed by the four feed rollers.

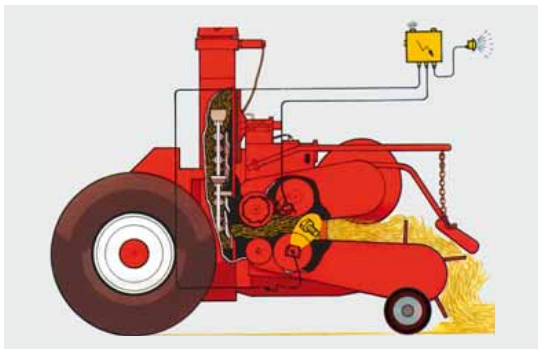
MEX header



Row-independent maize header

The maize header enables you to harvest independently of rows or row spacing. As a result the MEX 5 offers manoeuvrable operation like a self-propelled harvester, either with the maize header or pick-up. The MEX 6 is the flexible trailed forager for maize and grass. Tractors up to 220 hp can therefore be utilized very cost-effectively and logistics are extremely easy to organise between the field and the silo.

- Working width 7.22' / 2.2 m (3 rows spaced 2.3' / 0.7 m apart)
- The header is mounted so that it can move up and down independently of the forager for best ground tracking.
- Lowest working height 0.44' / 135 mm.
- Powered by a direct drive system,
- the aggressive rings of teeth on the intake drums ensure loss-free feed in even the most challenging harvest conditions.
- High ground clearance (1.9' / 580 mm) for road transport and headland turns.
- Mechanically-driven feed augers on both sides as standard.



6.23' / 1.90 m wide pick-up

High loading speeds require a reliable and powerful pick-up. The MEX pick-up with six rows of tines delivers impressive performance – even at high forward speeds and in all harvest conditions. Only a clean crop can guarantee trouble-free fermentation for high quality silage.

- The wide pick-up guarantees maximum performance, even in difficult harvesting conditions such as in damp and short grass.
- The narrow tine spacing means that the forage is collected reliably even at high driving speeds.
- The pick-up tines are swept back to prevent damage to the sward, soil contamination and unnecessary wear on the tines.
- A height-adjustable windguard with a swath roller and the manoeuvrable auger ensure perfect forage flow even when loading is fast and the crop is short and wet.
- The pneumatic jockey wheels (15x6.0-6) touch the ground at the point of tine contact and guide the pick-up perfectly over every undulation.
- Free-wheel clutch for riskless reversing of feed system.
- Overload protection together with the feed rollers
- For MEX 5 and MEX 6 with row-independent header as an option for harvesting grass.

Metal detector

This device affords a high level of protection against damage caused through ferrous foreign objects entering the flywheel. If the magnetic field generated in the lower front feed roller is interrupted, the current is switched off causing the relay to close. The feed drive stops and by switching to reverse, discharges the crop along with the trapped metal.

MEX 6



MEX 6 – for high-performance grass harvesting

PÖTTINGER bring their vast grassland machinery engineering experience to bear in the MEX 6. The well-proven PÖTTINGER flywheel design ensures maximum performance and renowned reliability. A choice of drive speeds means that the MEX 6 is suitable for tractors with a PTO output from as little as 100 hp right up to a maximum of 220 hp. Precision chop forage harvesters fitted with big diameter, heavy flywheels are capable of storing high reserves of kinetic energy. This stored energy enables them to power through heavy, lump swaths with ease and without loss of tractor power. MEX flywheel foragers also run quietly and smoothly with less wear.

- The 6.23' / 1.90 m pick-up is standard.
- For grass harvesting, flywheel speeds need to run constantly at 590 or 620 rpm. This is achieved by ordering the correct power band and drive pulley kit for the tractor hp available.
- The standard speed is 590 rpm, while a kit is also available for 620 rpm.
- Chop lengths 11 / 15 / 19 mm
- Chassis with 340/55-16 tyres.



Thanks to PÖTTINGER's ongoing refinement policy the MEX 6 forager has gradually evolved to become one of the best throughput and most reliable flywheel forage harvesters available. Strongly built to withstand punishing workloads, it performs equally well in grass or maize crops.

MEX 6 – for maize and grass

- Energy-saving power transmission using power band for flywheel speed of 800 rpm.
- Standard chop lengths 5 / 7 / 9 mm, grain cracker.
- 6.23' / 1.90 m pick-up as an option with adapter kit for flywheel speed of 590 rpm with chop lengths 11 / 15 / 19 mm.
- Hydraulically adjustable pivoting drawbar – change between transport position and working position without leaving the driver's seat.
- Chassis with hydraulically adjustable individual wheel suspension for working position and transport position, combined with header. Tyres 340/55-16.
- Pivoting hitch drawbar attached to linkage bar between lower links, clevis can be adjusted +/- 0.65' / 200 mm longitudinally.

MEX



Electronic DIRECT CONTROL operator panel as standard

- Control panel with metal casing and membrane-covered keypad, easy to install with mounting magnet.
- Direct control of: Raise / lower angle of header in relation to chassis , Rotate chute, Fold flap, Reverse feed system, Pivot drawbar.
- Hydraulic connections required: One single-acting remote with pressure-free return for DIRECT CONTROL (suitable for closed, open or load-sensing hydraulics).



Hydraulically folding chute

- Continuous arc for consistent flow of forage.
- Hydraulic chute rotation and flap adjustment. Chute rotation up to 270°.
- Chute height 15.75' / 4.80 m for 13.12' / 4.0 m-high transport vehicles.
- Can be folded hydraulically for low clearances; no tools required.
- Access platform and two cleaning points provided as standard.



Easy service

- On the MEX 5 the flywheel can be reversed for sharpening.
- The header is quickly removed and the feed system simply folded away. Shear bar and feed rollers are easily accessible for cleaning and servicing.



Technical data



| | MEX 5 | MEX 6 | MEX 6 grass |
|------------------------------|---|---|---|
| Mounting category / Drawbar | Rear or front mounting Cat. 2 / 2 | Linkage bar / Drawbar | Linkage bar / Drawbar |
| Mounting category optional | Rear or front mounting Cat. 3 / 3 | – | – |
| Maize header row-independent | 7.22' / 2.2 m row-independent | 7.22' / 2.2 m row-independent | – |
| Pick-up | Option 6.23' / 1.90 m | Option 6.23' / 1.90 m | Standard 6.23' / 1.90 m |
| Number of knives | 10 | 10 | 10 |
| Tractor PTO speed maize | 1000 rpm | 1000 rpm | – |
| Tractor PTO speed grass | 540 rpm | 1000 rpm | 1000 rpm |
| Chop lengths maize | 0.19 / 0.26 / 0.35 inch 5 / 7 / 9 mm | 0.19 / 0.26 / 0.35 inch 5 / 7 / 9 mm | – |
| Chop lengths grass | 0.43 / 0.59 / 0.75 inch 11 / 15 / 19 mm | 0.43 / 0.59 / 0.75 inch 11 / 15 / 19 mm | 0.43 / 0.59 / 0.75 inch 11 / 15 / 19 mm |
| Harvesting performance maize | 1.8 to 3.0 acres/h / 0.8 to 1.2 ha/h | 1.8 to 3.0 acres/h / 0.8 to 1.2 ha/h | – |
| Harvesting performance grass | up to 4.4 – 5 acres/h / 1.8 – 2.0 ha/h | up to 4.4 – 5 acres/h / 1.8 – 2.0 ha/h | up to 4.4 – 5 acres/h / 1.8 – 2.0 ha/h |
| Power requirement maize | 110 – 161 kW / 150 – 220 hp | 96 – 161 kW / 130 – 220 hp | – |
| Power requirement grass | 88 – 161 kW / 120 – 220 hp | 74 – 161 kW / 100 – 220 hp | 74 – 161 kW / 100 – 220 hp |
| Length | 9.19' / 2800 mm | 16.4' / 5000 mm | 15.49' / 4720 mm |
| Width with maize header | 7.22' / 2200 mm | 10.32' / 3145 mm | – |
| Width with Pick-up | 6.23' / 1900 mm | 9.92' / 3025 mm | 9.92' / 3025 mm |
| Chute length | 11.09' / 3380 mm | 11.09' / 3380 mm | 8.69' / 2560 mm |
| High working position | 16.35' / 4985 mm | 16.35' / 4985 mm | 14.32' / 4365 mm |
| High transport position | 10.37' / 3160 mm | 10.37' / 3160 mm | 9.71' / 2960 mm |
| Weight with maize header | 4760 lbs / 2150 kg | 6503 lbs / 2950 kg | – |
| Weight with pick-up | 3990 lbs / 1810 kg | 5754 lbs / 2610 kg | 5754 lbs / 2610 kg |



MEX 5 Equipment

- Front mounting
- Cat. 3 / 3
- Mounting extension
- PTO shaft rear mounting 1 3/8" 21 splines
- PTO shaft rear mounting 8x32x38
- PTO shaft front mounting 1 3/8" 6 splines
- PTO shaft front mounting 1 3/8" 21 splines
- Metal detector
- Maize header without maize auger (reduced price)
- Pick-up with metal detector 6.23' / 1.90 m
- Load sensing



MEX 6 Equipment

- PTO shaft 1 3/8" 21 splines
- PTO shaft 8x32x38
- Wide angle PTO shaft
- Metal detector
- Maize header without maize auger
- Pick-up 6.23' / 1.90 m
- Load sensing
- Lighting system

MEX 6 grass additional

- Flywheel speed 620 rpm
- Spout extension for 15.75' / 4.80 m



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- Operating instructions
- Optional equipment information
- Brochures
- Photos and videos



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