DM 246 and DM 287* features include:

- A PTO shaft with free wheel clutch, which transfers the power through a flexible V belt from the tractor to the in-line cutterbar.
- Each cutting head is fitted with shear pin protection, in case obstacles are hit. These pins can easily be replaced in the field if required.
- The flat profile is ideal for heavy crops and, combined with the standard stone guard and large hardened skid, ensures years of trouble-free service.
- Built to perform under the most difficult conditions.
- Provides an exact cut and high forage flow without material build-up, leaving fluffy swaths and high quality forage.

Contents

04  Single-rotor rake - Why a Massey Ferguson single-rotor rake?
05  Three-point attachment equipment
06  Two-rotor and four-rotor rakes
07  Quality features
08  Two-rotor central delivery rake with transport chassis
10  Four-rotor central delivery rake with transport chassis
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Single-Rotor Rake

**Why a Massey Ferguson single-rotor rake?**

Excellent raking quality, easy handling and a durable design – these qualities give you good reason to buy a Massey Ferguson single-rotor rake.

**Rake head**

The rake head from Massey Ferguson is impressive because of its enclosed design that protects all of the important components against dirt and dust. This design is guaranteed for a long service life. The optimized shape of the cam track, which is made of spheroidal graphite cast iron, provides maximum smooth running and precise, quick, precise fitting of the tines. The large-dimensioned drive unit and the precision manufactured tine arms made of aluminum alloy are both good examples of modern and practically proven design.

**Tangentially arranged tine arms**

Best raking quality is achieved with the tangential arrangement of the tine arms, creating an ideal swath. It makes significantly higher working speeds possible – the best pre-requisites if the harvesting weather is not in your favour.

**Special bolt-on connection for the rake head**

The rake head is bolted together using a conical ring to form a sturdy unit. This has the advantage of the bolts not being subjected to shearing effect, but rather to compressive and tensile forces. In addition, this results in a perfect centering and stability for a long service life. The tine arms can be replaced individually as required, without having to completely dismantle the rake socket.

**Swath deposit to the right**

All Massey Ferguson single-rotor rakes place the swath to the right. This way, you always have your perfect swath in view as these days the operating controls are on the right. Depositing on the right – makes ergonomic sense!

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**Machine designations**

<table>
<thead>
<tr>
<th>Machine designation</th>
<th>IN 361</th>
<th>IN 451</th>
</tr>
</thead>
<tbody>
<tr>
<td>Approx. working width in m</td>
<td>3.60</td>
<td>4.50</td>
</tr>
<tr>
<td>Approx. rotor diameter in m</td>
<td>2.78</td>
<td>3.40</td>
</tr>
<tr>
<td>Approx. weight in kg</td>
<td>420</td>
<td>620</td>
</tr>
<tr>
<td>Approx. power requirement in kW/hp</td>
<td>20/27</td>
<td>30/41</td>
</tr>
</tbody>
</table>

**Three-Point Linkage equipment: Single-rotor rake with large working range, versatile use and neat raking performance.**

**Work smarter with a single-rotor rake**

**Tine fixture**

The tines are not pushed over the tine tube, instead each tine is screwed in from the bottom. This is because the side of the arm boards the forage is абсолютно smooth and therefore does not allow forage to stick to it. If there is wear, not all of the tine head to be renewed or the inner tines. In addition, this has the advantage of the bolts not being subjected to shearing effect, but rather to compressive and tensile forces. In addition, this results in a perfect centering and stability for a long service life. The tine arms can be replaced individually as required, without having to completely dismantle the rake socket.

**Tine support**

All tine supports at Massey Ferguson are made of sturdy tube material and are manufactured from one piece of metal. The connection point to the arm is machined for a perfect fit which makes it possible to insert the tine arms easily and reduce wear on this heavily stressed point to a minimum. In addition, this design makes repairs quick and easy when they are required.

**Power train**

All power trains in the Massey Ferguson rakes are equipped with overload protection. This prevents expensive repairs and long downtimes during the forage harvesting seasons.

**Perfect working height**

The linear height adjustment, which is fitted as standard, can very easily and conveniently adapt to the working height of your soil conditions.
Two-Rotor or Four-Rotor Rake

Your choice of features

These days, large rakes are key machines in the forage harvesting chain – a failure can result in the stoppage of expensive machines, and can cause enormous costs. You should therefore entertain no compromises with your new rake and put your trust in quality and operational reliability. Massey Ferguson has combined a vast pool of experience with the latest technical knowledge and, from these, developed a range of high-performance large-scale rakes.

The practical features that all machines share are:

- Robust construction
- Ease of operation
- Outstanding raking quality

Two-rotor or four-rotor rakes?

Tangentially arranged rotor arms

Best raking quality is achieved with the tangential arrangement of the tine arms creating an ideal swath. It makes significantly higher working speeds possible – the best pre-requisites if the harvesting weather is not in your favour.

Rake heads

The rake heads from Massey Ferguson win users over due to their enclosed construction, which can be relied on to protect all important components from dirt and dust. This design is a guarantee for a long service life. The optimised shape of the cam track, which is made of unbreakable spheroidal graphite cast iron, provides maximum smooth running and quick, precise lifting of the tines. The large-dimensioned drive unit and the precision-manufactured tine arm housings made of aluminium alloy both reflect the modern and practice-proven design.

| Machine designation | RK 662 TRC | RK 762 TRC | RK 862 TRC PRO | RK 1002 PRO | RK 1254 TRC
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Approx. working width in m</td>
<td>5.80 – 6.60</td>
<td>6.80 – 7.60</td>
<td>7.20 – 8.00</td>
<td>8.80 – 10.00</td>
<td>12.50</td>
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<tr>
<td>Approx. swath width in m</td>
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<td>1.20 – 2.00</td>
<td>1.20 – 2.00</td>
<td>1.30 – 2.00</td>
<td>1.30 – 2.50</td>
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<tr>
<td>Approx. weight in kg</td>
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<td>1,875</td>
<td>2,050</td>
<td>2,950</td>
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<tr>
<td>Power requirement approx. in kW/hp</td>
<td>19/26</td>
<td>30/41</td>
<td>35/48</td>
<td>51/70</td>
<td>59/80</td>
</tr>
</tbody>
</table>

Two-rotor rake with central swath deposit

Two-rotor rake with variable working width and swath width which for high performance and flexibility.

Four-rotor rake with central swath deposit

Four rotor large area rake with variable working width and swath width for performance, agility and simple yet sturdy construction.

Jets Effect

Due to the fully contained rotor suspension and weight distribution of the rotors, the rotor lift is at the front and then at the back. When turned, the rear wheels of the rotor first make contact with the ground, and then the front wheels. In this way, the time is prolonged and precise positioning of the rotor is facilitated. The result: top-quality forage.

Perfect ground adaptation in every situation

The patented, fully contained rotor suspension from Massey Ferguson ensures perfect ground adaptation even under the most difficult of working conditions. The rotor can adapt itself to the ground and independency of the frame, whether inclined longitudinally or transversely. As a result, forage lying on mounds or depressions can be recovered without loss. Damage to the frame by the tire is safely avoided even in fully terrain. With Massey Ferguson, raking work is always achieved without forage loss – and it’s top-quality forage.

Two and Four-Rotor Rakes

Quality features

Steering for a precise and direct steering movement

Massey Ferguson is the only manufacturer on the market to offer a steering system for the rake which operates within the frame. This patented steering system provides high, lasting precision. The steering shaft is protected against damage by the frame and, unlike externally located steering rods, has only two points of deflection. As a result, accurate steering and stability is guaranteed, even after years of use.

The steering movement is transferred from the steering shaft to the vehicle with the aid of the stub axle steering with adjustable track rod. The track rod with high precision central box components from their use in commercial vehicles where they have proved their efficiency over millions of kilometres.

The greatest benefit of this steering system lies in the very precise and direct transmission of the steering movement. The rake runs exactly in the track of the tractor and is also extremely agile. Furthermore, this type of steering guarantees very smooth running even at high speeds. As a result, safe and quick travel from field to field is possible at a speed up to 50 km/h.

Adjustable track rod head

Perfect ground adaptation for any situation

The patented, fully contained rotor suspension from Massey Ferguson ensures perfect ground adaptation even under the most difficult of working conditions. The rotor can adapt itself to the ground and independency of the frame, whether inclined longitudinally or transversely. As a result, forage lying on mounds or depressions can be recovered without loss. Damage to the frame by the tire is safely avoided even in fully terrain. With Massey Ferguson, raking work is always achieved without forage loss – and it’s top-quality forage.
Two-rotor central delivery rake with transport chassis

RK 662 TRC and RK 762 TRC

The all-rounders
- Automatic working width preselection
- Optimum swath formation

The all-rounders in the two-rotor central rake range
Automatic working width preselection, tidy raking work, precisely deposited swaths and large quantities of forage are involved and quick and safe travel from field to field are all offered by the RK 662 and RK 762 two rotor central rakes. They can master any working situation. With the optional 6-wheel contact-sensing chassis and the cardanic suspension of the rotors, tidy and loss-free raking work is always achieved. The best pre-condition for your high-quality forage.

Convenience of operation, pure and simple

The working width can be adjusted without tools and, combined with the externally adjustable control cam, enables the creation of an optimum swath for the machine following on behind. The working width can be selected in four different dimensions, thereby providing maximum convenience without a great expenditure of time and effort. Because of the patented technology, the lowest transport height is always ensured regardless of the pre-selected working width. Because of the automatic height limitation in the headland position, it is no longer necessary to switch off the rotors. The swath sheet folds up automatically and, in this way, it is even possible to travel over transverse swaths without forage loss.

RK 802 TRC PRO

Specialist for extreme working conditions
- Optimum ground adaptation
- Top-quality swath

The specialist for straw and extreme working conditions
Because the rotor rakes are under enormous stress during straw recovery and other difficult working conditions, they require an improved level of technology and equipment. The new rotor chassis on the RK 802 PRO has also been equipped with six wheels and with a tandem axle with 18-inch tyres, which ensures optimum ground adaptation. The twin leading wheels were also redesigned to be larger and rigid in order to guarantee running even under difficult conditions in the stubble field. The clearance between tines and the leading wheel was also reduced in order to guarantee a top-quality swath without contamination and stones, creating perfect conditions for your machine following on behind. The RK 8055 of course also copes competently with all operations on normal grassland.

RK 1002 TRC PRO

Largest central rake with two rotors
Bigger, faster, stronger. The RK 1002 PRO is the largest central rake with two rotors in the Massey Ferguson range. Its enormous area output is essential for ensuring the high level of efficiency of the harvesting machinery following on behind.

In order to handle large quantities of forage in the best way possible, the working width can be changed hydraulically from 8.80 m to 10.00 m, allowing a perfect swath to be produced. The permissible transport speed of up to 50 km/h ensures quick journeys to the place of work, so you can quite easily manage any working day, no matter how long. Because of the low-maintenance design of the machines, time and effort spent on servicing is reduced to a minimum.
Specifications

**Four-rotor central delivery rake with transport chassis**

**RK 1254 TRC**

- For large farms and inter-farm use
- Simple yet robust construction
- Low centre of gravity, excellent driving behaviour

The Massey Ferguson flagship

With its four rotors and a working width of 12.5 metres, this rake provides an optimum swath and, as a result, optimum capacity utilisation.

- Safe on the road and on the hillocks

The RK 1254 TRC is designed for a transport speed of up to 50 km/h, which ensures quick journeys to the site of work. In order to be safe at all times when travelling, the machine is equipped with a high-performing brake system. The brake system allows you to carry out difficult operations in hilly situations. Due to the low centre of gravity, safe driving behaviour is also guaranteed, even at 50 km/h.

### Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>RK 361</th>
<th>RK 451</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mounting category</td>
<td>Cat I</td>
<td>Cat II</td>
</tr>
<tr>
<td>Working width approx. m</td>
<td>3.60</td>
<td>4.50</td>
</tr>
<tr>
<td>swath width approx. m</td>
<td>0.60 – 1.50</td>
<td>0.75 – 2.00</td>
</tr>
<tr>
<td>Transport length approx. m</td>
<td>2.20</td>
<td>2.50</td>
</tr>
<tr>
<td>Transport width approx. m</td>
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<td>1.99</td>
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<tr>
<td>Headland control system</td>
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<tr>
<td>Power demand approx. kW/hp</td>
<td>19/26</td>
<td>30/41</td>
</tr>
<tr>
<td>Necessary hydraulic outlets</td>
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<td>1 x SAV, 1 x DAV</td>
</tr>
<tr>
<td>Overrunning clutch in the auxiliary drive</td>
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<td>l</td>
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<tr>
<td>Warning panels</td>
<td>-</td>
<td>l</td>
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<tr>
<td>Electrical lighting</td>
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</tr>
<tr>
<td>Weight approx. kgs</td>
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<td>620</td>
</tr>
</tbody>
</table>

### Model RK 361

- Mounting category: Cat I and II
- Working width approx. m: 3.60
- Transport length approx. m: 2.20
- Transport width approx. m: 1.55
- Headland control system
- Power demand approx. kW/hp: 19/26
- Necessary hydraulic outlets: -
- Overrunning clutch in the auxiliary drive: -
- Warning panels: -
- Electrical lighting: -
- Weight approx. kgs: 420

### Model RK 451

- Mounting category: Cat I and II
- Working width approx. m: 4.50
- Transport length approx. m: 2.50
- Transport width approx. m: 1.99
- Headland control system
- Power demand approx. kW/hp: 30/41
- Necessary hydraulic outlets: 1 x SAV, 1 x DAV
- Overrunning clutch in the auxiliary drive: l
- Warning panels: l
- Electrical lighting: l
- Weight approx. kgs: 620

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Every effort has been made to ensure that the information contained in this publication is as accurate and current as possible. However, inaccuracies, errors or omissions may occur and details of the specifications may be changed at any time without notice. Therefore, all specifications should be confirmed with your Massey Ferguson Dealer or Distributor prior to any purchase.

Illustrations show some of the special equipment. Some machines available in selected countries only. The images provided do not necessarily correspond to the most recent version of standard equipment.

- Not available/not applicable
- Standard specification
- Optional