

Fendt Tigo MR Profi, MR and MS





	TIGO 50 MR Profi	TIGO 60 MR Profi
Volumes in accordance with DIN 11741	31 m ³	36 m ³
Permissible overall weight	12.000/17.000 kg	12.000/17.000 kg

Flexible. Compact. Tenacious. Fendt Tigo MR Profi.

Professional technology for your medium-sized business. Ultimate in feed quality. Vast loading space. Quick unloading. The Fendt Tigo MR Prfio forage wagon will meet your needs. The multifunctional bulkhead with VarioFill gives you an enormous loading space capacity of up to 50 m³ with an additional 6 m³. Whether silage or hay: The automatic loading system with continuously adjustable pre-compacting pressure uses every m³ and actively supports unloading.



	TIGO 40 MR	TIGO 50 MR	TIGO 60 MR
Volumes in accordance with DIN 11741	26 m ³	30 m ³	35 m ³
Permissible overall weight	12.000/17.000 kg	12.000/17.000 kg	12.000/17.000 kg

A great entry-level model. Fendt Tigo MR.

The perfect entry-level model in the rotor wagon class for farmers who focus on quality is the Fendt Tigo MR. The unique spur gear drive guarantees efficient cutting and loading for more efficient forage harvesting, without the risk of contamination from chain oil. This model scores highly with its efficiency thanks to the automated pick-up and a load capacity of up to 35 m³.



	TIGO 40 MS	TIGO 50 MS	TIGO 60 MS	TIGO 70 MS
Volumes in accordance with DIN 11741	26 m³	30 m ³	35 m ³	39 m ³
Permissible overall weight	12.000/15.000 kg	12.000/15.000 kg	12.000/15.000 kg	12.000/15.000 kg

Mastering those everyday tasks. Fendt Tigo MS.

The Fendt Tigo MS stands out from the crowd, especially when it comes to everyday tasks. The exceptionally gentle swing arm unit is especially suited to use in hay. Bringing in forage or loading silage each day also presents no problem for this all-rounder with a load capacity of up to 39 m³.

FEED INTAKE AND PICK-UP.

The next level of harvesting technology – Fendt Tigo.

Optimum pick-up power with extended pick-up

The automated pick-up on all Fendt Tigo models increases the efficiency of your loading wagon. This pick-up is unique, especially on the Tigo MS swing arm wagon. Five rows of tines and a working width of 1.80 m provide maximum pick-up power. Thanks to the very closely-grouped 54 mm spring-loaded tines. The Fendt Tigo guarantees optimum raking work and optimum forage transfer to the loading unit, even with short, dry grass.

Clean work

The best possible crop pick-up lays the initial foundation for the success of your harvest. The free-swinging pick-up adapts optimally to the ground. This not only makes it smoother to run and picks up the swath very cleanly, but also increases efficiency. During this process, the baffle plate with windguard applies even pressure on to the swath, and at the same time supports the conveyor effect of the pick-up. The interplay of the windguard and baffle plate reduces friction and ensures a continuous crop flow.

Preserve the sward with perfect ground following

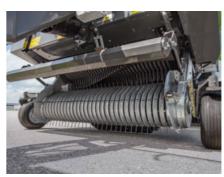
The sensing roller protects the tines of the pick-up against piercing the ground through clear guidance. It maintains the appropriate ground clearance even in hard and uneven ground conditions and skates around the dirt. Thanks to the intelligent technology, it provides support only when necessary and does not run permanently. You can individually set the sensing roller depending on the harvest conditions. Apart from optimum feed quality, the Fendt Tigo also takes care of soil protection. The adjustable, castor-steered feeler wheels release the pick-up and also protect the turf even when performing tight turns in the field.

Long life

The Fendt Tigo pick-up does not require a cam track, which makes it absolutely maintenance-free and smooth running. To prevent damage to the machine or animals, all tines are secured against loss as standard. The structure, which features hot-dip galvanized components, protects the pick-up against wear caused by corrosive silage effluent, rust and weathering. The result is low maintenance and long service life.

The automated pickup can swing freely.

This improves ground following and raking.



The trailing gauge wheels of the automated pick-up release it on corners, can be turned and thus protect the sward.

Adjust the height of the wheels with a series of holes.







The pick-up, placed centrally behind the sensing roller, constantly maintains the set ground clearance and guarantees safe guiding of the pick-up even on hard ground conditions. This guarantees excellent feed quality because the dirt remains on the ground.

FENDT TIGO MR PROFI AND MR: ROTOR AND DRIVE

Unique efficiency that'll make you smile.

A convincing performer

The rotor of the Fendt Tigo impresses with its strength and huge output. The 25 mm wide rotor tines with Hardox contact surfaces, makes the Fendt Tigo stand out from the crowd with its quality of cut. The grass is fed exactly through the narrow cutting gap and has no alternative way out. It is actively conveyed through the table while the six spiral rows of tines of the rotor provide for an efficient, precise cut. The rotor tines pull gently at an angle of more than 90 degrees out of the forage, which guarantees gentle discharge of the feed. With a feed channel of more than 1 m², the feed is carefully carried to the loading space even under difficult operating conditions. You thus achieve a precise quality of cut without squishing and optimum quality pre-compacted feed.

"Are you still waiting to switch on or are you already on the move?"

You save time and money with Fendt Tigo. The patented solution for replacing individual rotor segments, means nothing flusters you any longer. Thanks to the innovative design, you replace only the individual rotor teeth in case of damage by foreign object or wear. The T-shaped, 25 mm wide contact surface of the rotor segments guarantees high stability. At the same time, the Fendt Tigo develops more thrust with little effort.

Precision, right on the mark

Grass harvest, no problem - the Fendt Tigo guarantees you optimum output. The perfect interplay between pick-up and rotor result in an ideal crop flow and highest loading performance. The transfer point of the pick-up is close to the cutting rotor. The crop therefore travels only a short way from the feed to the rotor. Thanks to the shorter design and low, almost identical peripheral speed of the pick-up and rotor, you achieve optimum raking performance and feed transfer even with short, dry feed. This allows you to work preserving the feed to give outstanding quality.

Efficiency is equal to output

The more effective the power flow of a gearbox, the higher the generated output. Achieve optimum performance potential with the unique propulsion system of the Fendt Tigo. The direct drive via low-wear gears withstands high loads and is extremely smooth running. The maingear wheel is directly screwed to the cutting rotor and guarantees direct power transmission. The outstanding smoothness takes the strain off the operator and provides a comfortable working environment. Forage contamination caused by dripping chain lubrication is also excluded thanks to the involute spur gear.



The power of the main drive is transmitted from the drive train to the rotor via extra strong spur gears with a force-locking involute gear.



The synchronised peripheral speed allows the pick-up with low, protecting speed to bypass the removal to the rotor.





The rotor with a diameter of 800 mm and six spiral rows of teeth made of Hardox steel is equipped on both sides with large spherical roller bearings.



The rotor teeth are divided into three elements and can be removed individually. Three new elements are locked for simple replacement and then welded three times with individual locks.

FENDT TIGO MS: CONVEYOR SWING ARM AND DRIVE

Hard at work the whole season through.

Pure protection of the forage

The heart of the Fendt Tigo MS is the cam track-controlled loading unit. The kidney-shaped cam track guarantees optimum control of the individual conveyor rakes. The load peaks are optimally distributed, thanks to separate bearings on each individual rake. This makes them extremely precise. The double tines of the five conveyor rakes pull straight backwards out of the feed stock and thus prevent the feed from being crushed. Thanks to this fork effect, the feed is transported loosely and in layers, gently and evenly, into the loading space.

Undivided attention

To ensure an even and smooth forage flow, the Fendt Tigo MS has single-section conveyor swing arms. The central cutting process prevents a tearing effect, as with a split or offset swing arm arrangement. The result is precisely cut, high-quality feed.

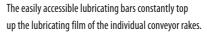
Driving forward

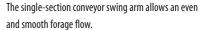
The Fendt Tigo MS is something special. It is the only wagon in its class to be driven directly via a robust gear drive. This makes this drive suitable for changing requirements and is extremely smooth running. By dispensing with chain drives, the Fendt Tigo MS runs very smoothly and provides for a pleasant working environment. Contaminated feed due to dripping chain lubricants is also prevented.

Maintenance instead of waiting

Each of the five conveyor swing arms are mounted separately on both sides in a closed roller bearing, and have a central lubrication system. The standard lubrication bars on the charging unit and the cam track prevent the lubricating film from breaking and make this model extremely low-wear and easy to maintain.

The double tines remain in contact with the crop at an ideal angle until they are retracted in a horizontal position just before the crop enters the loading space.

















The short distance between the pick-up and the loading unit allows an optimum crop flow.

Unique, extremely smooth-running drive thanks to a robust, oil-free gear drive.

FENDT TIGO MR AND MR PROFI: KNIVES AND QUALITY OF THE CUT

An unparalleled cut.

High-performance table

The better the quality of the cut, the better the compression, fermentation and forage digestion. The combination of 31 knives and a pulling cut in combination with a small cutting gap guarantees a cleanly cut feed package without mushy forage. The Fendt Tigo MR and MR Profi use elongated knives made of hardened tool steel with a special serrated edge. The wide rotor tines actively push the feed through the knives. This prolongs the service life of the Tigo and cuts along the entire length to produce the best quality silage. The necessary flexibility is provided by the easy cutting length adjustment. The tool lever can be used to effortlessly half the number of knives, and therefore to change the cutting length.

Reliability thanks to Trimatic

Each knife is protected separately by a spring with the unique impact guard system. If the rotor pushes a foreign object onto the knife, the spring buckles and immediately reduces the force onto the knife. This tension automatically returns the knife to its operating position after the foreign body has passed through. The innovative, spring-based trigger system protects the knives and rotor, and guarantees constant functionality even in the harshest of operating conditions.

Easy maintenance

The aim is to make work as easy as possible for you. The rotor wagon ensures quick and easy handling through its knives which can be removed without the use of tools. Move the table bars from the operating to service position from the comfort of your terminal or by pressing the buttons on the side. It's easy to change the knives by swinging the knife frame to the side. Each knife can be unlocked by the central knife release, and removed individually at each point in the frame.

The springs on the Trimatic single knife protection guarantee efficient and effective protection against foreign objects for both the knives and rotor.



The table frame is sub-divided into two groups, so that you can easily switch between a cutting length of 45 mm, 90 mm or uncut.

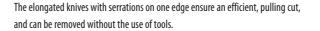


The open table frame reduces your maintenance and cleaning work, as the open geometry of the frame allows any dirt to simply fall through it onto the ground.











The central knife release allows you to change individual knives quickly and easily.

FENDT TIGO MS: KNIVES AND QUALITY OF THE CUT

An even cut from the first to last stalk.

Matching frame

Good compaction requires optimum cutting quality. The Fendt Tigo MS relies on a table with up to 33 knives on two levels, which, thanks to a pulling cut and small cutting gap, create a cleanly cut feed package, without mushy forage. The Tigo MS comes standard with a main cutting frame with 17 knives. Additionally you can build a silage cutting frame with 16 knives. This prolongs the service life of the Tigo and cuts along the entire length to produce the best quality silage.

Suitable length

The two-level cutting unit allows a minimum cutting length of 38 mm. You can quickly and easily adjust the number of knives to 0, 5, 17, 21 or 33 using an operating lever. You can switch from 17 of the elongated knives made of hardened tool steel with a special serrated edge to 5 knives on your main table frame in order to be optimally equipped for the forage harvest. During the process, you can also flexibly swing your silage table in and out.

Trimatic creates safety

Professional technology can also be found in the Tigo MS. Each knife is protected by a separate single knife guard with the unique impact guard system. If the swing arm pushes a foreign object onto the knife, the spring buckles and immediately reduces the force onto the knife. This tension automatically returns the knife to its operating position after the foreign body has passed through. The spring-based trigger system protects the knives and the swing arm, and guarantees constant functionality even in the harshest of operating conditions.

Fast maintenance

The aim is to make work as easy as possible for you. The Tigo MS guarantees quick and easy handling through its knives which can be removed without the use of tools. To do this, simply fold down the table or pull it out it on transport wheels for major maintenance work. Each knife can be unlocked by the central knife release, and removed individually at each point in the frame.

For even more flexibility and a wider range of applications, you can install a silage table with 16 additional knives.

So you are also on the move when it comes to silage.



Be prepared quickly and easily for all conditions, whether for feed, hay or silage. This is made possible as you can adjust the number of knives to 0,5,17,21 or 33.







Perfect protection of individual knives thanks to the Trimatic foreign object protection system.

FENDT TIGO MR PROFI: LOADING SPACE AND BULKHEAD

Fendt Tigo: Defies anything.

Stay on top of things

The similarity of the front side of Fendt Tigo with a trough has a very specific reason. The operator always has a perfect view into the loading space through the forward sloping body design. With loading space sizes from 31 to 41 m³ (DIN) you can transport your harvested crop quickly and efficiently.

The first component of VarioFill is the bulkhead.

More compact, easier, more manoeuvrable and shorter by at least 1 meter than other loading wagons in its class. With its 80° pivoting multi-functional bulkhead, the Fendt Tigo is one of a kind when it comes to loading. By using the space above the loading unit creates 6m³ more volume which simultaneously shortens the vehicle. The completely closed frame of the bulkhead offers maximum stability in turn. The combination of weight saving and compact size make Fendt Tigo the payload champion. Combined with the Fendt tractor, it becomes an unbeatable team. You can profit from better road holding during transport through ideal weight distribution and optimum tongue weight.

Second component of VarioFill is the automatic loading.

Always exercise the right pressure with the Fendt Tigo. Each m³ of the loading volume is optimally utilised by the double function of the bulkhead as loading and precompactor wall, with integrated automatic loading and unloading. Adjust the 2-step automatic loading and continuously adjust the compression pressure of the feed from the terminal. The pre-compacting pressure can be customised optimum to the feed structure with this unique system. Whether it is higher pressure for a maximum loaded wagon or lower pressure to avoid crumbling losses in hay – as soon as the selected compression pressure is reached in the pressure sensor of the hydraulic cylinder, the scraper floor automatically sets itself in motion. If the complete loading space is filled, the bulkhead moves gradually forward.

Third component of VarioFill is the automatic unloading.

Manual removal of feed residues at the end of the day is not required. The VarioFill makes the unloading a relaxed affair. The unloading process starts with pressing a button. The trunk lid is opened and then the scraper floor and the bulkhead start simultaneously. The multifunctional wall gently pushes the feed stock through the declining movement and reduces the load of the scraper floor chains. The bulkhead presses the last feed wedge actively to the scraper floor through the arching position arising in the end position and ensures that the vehicle is properly emptied.

The manual operation of the scraper floor no longer becomes necessary with the VarioFill automatic loading and unloading; you can sit back in the cab and just steer.



Your forage wagon is always optimally loaded with the continuously adjustable compression pressure.



The VarioFill automatic unloading creates more efficiency in your operation. The entire process is started by pressing just one button.













VarioFill: The combination of intelligent automatic loading and unloading and, multifunctional bulkhead.

FENDT TIGO MR AND MS: DESIGN AND LOADING SPACE

The Fendt Tigo leaves nothing to chance.



Robust and stable

The Fendt Tigo ensures maximum stability and lifetime. The robust and solid all-steel body with closely-packed side stanchions is directly screwed together with the chassis frame and the profile frame bolted above. This makes it the most stable and the most compact loading wagon of its class.

Fast loading - Tigo MS and MR

The Tigo MS and MR support you as you need it. Both models are available with or without automatic loading. With the two two-stage automatic loading systems you can work with two different compressions. Gentle compression is applied using a bar, while moderate compression is applied by the entire loading flap. The feed is pushed from the bottom to the very top. When the entire loading space is full, the bar or tailgate presses upwards and automatically sets the scraper floor in motion for a short time, which pushes the forage back. When the wagon is full, you will be given an acoustic signal from the operatingpanel. This not only takes the strain off you, but ensures that the wagon is filled to optimum capacity

High volume

To ensure that you can always compact your hay optimally, the Fendt Tigo MS has an optional superstructure made of hot-dip galvanised C profile steel. This means that you not only compress your hay better, but also make best use of the full loading space of up to a maximum of 70 m³. The excellent efficiency is particularly noticeable when longer distances have to be covered.





With the two-stage automatic loading system, light pressure is applied via a bar, while moderate pressure is applied via the loading flap.





The collapsible dry feed assembly can be folded in and out from the cab. Transiting is therefore no problem, and for hay harvesting the loading space can be quickly extended.

LOADING SPACE AND SCRAPER FLOOR

Straight or crosswise – the Fendt Tigo does the job.

The right angle

The Fendt Tigo guarantees you an efficient and comfortable loading and unloading process thanks to the impregnated wood scraper floor. The forage wagon uses its power to best effect. It requires less power while loading and thus less fuel is consumed thanks to the optimum arrangement of the conveyor elements.

The right speed

You can keep calm even in hectic situations with the forage wagon. The hydraulic 1-speed scraper floor drive, also available as 2-speed, can be adjusted depending on the crop and weight. The continuously adjustable form feed speed guarantees you the fastest possible emptying. The Fendt Tigo is additionally equipped with a scraper floor return for the models with feed rollers. This drive sets you up for even the toughest tasks.

The right distribution

A consistent crop output while unloading improves the performance while compacting in the silo. You can create a uniform blanket of feed on the silo with the high-performance profile of the closed feed rollers. Grass, maize or even whole plant silage are meticulously separated from the feed stock. The Fendt Tigo ensures such a precise unloading process. In order to keep the system streamlined, the drive train shafts are enclosed in the frame. The simple design of the rollers at the rear offers you the flexibility of additional 2 m³ more loading space.

Transverse or straight

All Fendt Tigo models with feed rollers can optionally be equipped with a hydraulically driven cross conveyor belt. Switchable for left or right unloading, with a belt width of 700 mm, the feed stock can be unloaded directly on the feed table in the barn or sent to a fanning mill. For normal loading wagon use, the cross conveyor belt can easily be pivoted under the wagon bed.

All Fendt Tigo models can be equipped with 2 or 3 feed rollers. For more load volume, the individual rollers can be simply extended towards the back.



The optional two-stage scraper floor drive of the impregnated wooden scraper floor unloads quickly and safely.







With the four 10 mm thick round steel chains of the large Tigo MS, MR and all MR Profi models with 50 t breaking load you are prepared for even the toughest applications. The small Tigo MS and MR models provide support with two scraper floor chains and 25 t breaking load. Optionally, you can also equip the smaller models with four chains and offset scraper bars.

SERVICE MEETS FRIENDLINESS.

Intelligent technology. Simple operation.

Unique system

You have the choice! With the unique operating concept, you can configure all settings in parallel using 3 different options. On the Tigo MR Profi models and all wagons equipped with feed rollers, you control the loading wagon with ISOBUS via the Varioterminal in your Fendt tractor as standard. You can also place your most important functions on the joystick of your Fendt Vario. The Fendt Tigo has the right feature for everyone.

No limits

The Fendt Tigo offers you the ultimate in flexibility and compatibility. You can steer the Fendt Tigo comfortably using the loading wagon terminal even with old tractors without ISOBUS. As soon as your new ISOBUS-capable tractor expands your fleet, you can change to the Varioterminal.

Electromagnetic comfort operation

All MS and MR models are equipped with electromagnetic comfort control as standard. All functions can be carried out conveniently from the cab. In addition, these models can be optionally equipped with load sensing. You can go to the loading and unloading menu and the general settings from the start menu.



Control the bulkhead and the table of the Tigo MR Profi directly via your terminal. Even the pick-up and drawbar can be conveniently adjusted from here.



Position the deflectors for optimum emptying with the automatic unloading system. Set the scraper floor speed individually.







With the electromagnetic comfort control, all functions can be carried out from the cab.

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CHASSIS AND CONCEPT

The perfect chassis for maximum output.

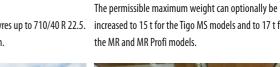
Payload champion

The flexible and easy conversion of the loading wagon into a forage wagon makes the Fendt Tigo MR Profi the right solution for your farm. The combination of very high payload and dual use ensures that the capacity can be fully utilised, and enhances the return on investment in the Fendt Tigo. Components have been designed to be durable and extremely rugged to keep the Fendt Tigo MR Profi operational at all times.

Stable tandem chassis

Regardless of the terrain on which you work, the standard tandem combination chassis of the Fendt Tigo provides optimised ground following. Heavy loads are distributed evenly thanks to the oscillating equalization crank and the high spring travel provides for a comfortable driving experience at a permitted maximum weight of up to 17 tonnes. The highperformance leaf springs ensure optimum driving comfort. A self-steering system is also available as an option for all models. Make optimum use of your team with the 40 km/h maximum speed. With an ISOBUScompatible tractor you can utilise the speed-dependent lock for forward and reverse driving. All models are equipped as standard with a two-wire air brake system (four-wheel braked) with ALB (automatic loaddependent brake system).

The wagons can be equipped with tyres up to 710/40 R 22.5. increased to 15 t for the Tigo MS models and to 17 t for This ensures optimum soil protection.







All models have a permissible maximum weight of 12 t.





Optional self-steering can be retrofitted for all models.

The Fendt Tigo gives you the freedom you need.



The right gap

In order that you can move quickly into or off the field during harvest time, the Fendt Tigo provides you with plenty of ground clearance at 70 cm. The high ground clearance is set at the touch of a button, and the drawbar swung out to its maximum extent, Meaning that even rough terrain is no problem, especially during the maize harvest.

Well cushioned

The articulated drawbar suspension of the Fendt Tigo models optimally absorbs any impact felt by the tractor and loading wagon, and therefore guarantees you a high level of operating comfort.

Full steam ahead

The hitches on the Fendt Tigo enable you to make best use of large loading volumes, and to load a bumper crop. The Tigo models are equipped as standard with a drawbar for a clevis-type hitch, which gives you a drawbar load of 2 tonnes. Optionally available is a bottom hitch with K 80 ball hitch. The streamlined drawbar design allows the maximum steering angle even with large tractor wheel treads.





The articulated drawbar suspension reduces all shocks felt by the machines, therefore ensuring a pleasant ride.



The Fendt Tigo models can optionally be equipped with a bottom hitch with ball hitch K80.

FENDT TIGO MR PROFI, MR AND MS

Technical Specifications.



	TIGO 40 MS	TIGO 50 MS	TIGO 60 MS	TIGO 70 MS	TIGO 40 MR	TIGO 50 MR	TIGO 60 MR	TIGO 50 MR Profi	TIGO 60 MR Prof
Table/rotor	IIIS	IVIS	IVIS	IVIS	WIII	WIN	IVIN	MINTION	WIN FIUI
Channel cover									
Cutterbar swingable to the side									
Silage table with 16 knives									
Single knife protection								_	-
Central knife release								_	
1 set of spare knives		_			_			_	
Single spare knife									
Hydraulic table control					Ш				
Table transport wheels									
lable transport wheels		Ш	Ш	Ш					
Loading space assembly									
Multi-functional bulkhead									
2-speed automatic loading mode								_	
No feed roller									
2 feed rollers			-	-					_
3 feed rollers									
2 scraper floor chains							Ш		
•			_			-	_		
4 scraper floor chains									
2-speed scraper floor motor									
Scraper floor gearbox protection									
1 halogen working light									
3 LED working lights									
Loading space doors									
Side limiter plates									
Limiter plane									
Loading wall without automatic loading mode	•								
Hydraulically folding hay module				_					
Hay module									
Transverse conveyor belt	_								
Load sensing									
Load sensing control line BG2									
Load sensing control line BG4									
Controls									
Controls								_	_
ISOBUS Fendt VarioTerminal (7"; 10.4")									
E-Link Pro terminal									
Tigo Terminal (keypad)	•								
VarioFill automatic loading and discharge system									_
2-speed automatic loading mode									
_									
Tyres									
500/50-17									
500/55-20									
620/40 R22.5									

710/35 R22.5 Country

Third-party wheels

710/40 R22.5 Flotation Pro

710/45 R22.5 Flotation Trac

^{* =} Country-specific, ** = Depending on tires



Leaders drive Fendt!







