

DRUMMASTER



KM 3.16 // KM 3.18 // KM 3.21
DM 727F(E) // DM 730F // DM 732F //
TC 3.32 // DM 730 // DM 788

DRUM MOWERS



**DEUTZ
FAHR**

// DRUM MOWERS

Grass harvesting at its best.

Mowing is the first and very important step in the process of producing hay or silage. A clean cut and a perfect swath are your main concerns. The proven design of DEUTZ-FAHR drum mowers is combined with new, innovative solutions. Offering you excellent mowing performances and optimal forage quality.

60 YEARS OF EXPERIENCE

DEUTZ-FAHR mowers build on a legacy that goes back 60 years to the introduction of the world's first drum mowers. The new generation of DEUTZ-FAHR drum mowers has been developed using a combination of experience and the most up-to-date mowing quality, technology and design engineering.

INNOVATIVE SOLUTIONS

The well-known features of the DEUTZ-FAHR drum mowers have been complimented by new solutions like the LIFT-CONTROL suspension system and the FLEXPROTECT protective side covers. The result is a complete range of front, rear and triple drum mower units delivering you high performance, every day.

HIGH-QUALITY FORAGE

When harvesting forage, it is important to minimise impurities in the feed. The proven knife plate design of the DEUTZ-FAHR mowers offer you a clean swath formation and a cleaner product. Resulting in better feed quality, higher milk and meat production and thus higher profitability for your farm.

Model	Working width (m)	No. of drums
KM 3.16	1.65	2
KM 3.18	1.85	2
KM 3.21	2.10	2
DM 727F(E)	2.69	4
DM 730F	3.04	4
DM 732F	3.19	4
TC 3.32	1.80	-
DM 730	3.04	4
DM 788	8.30 / 8.54 / 8.84	8



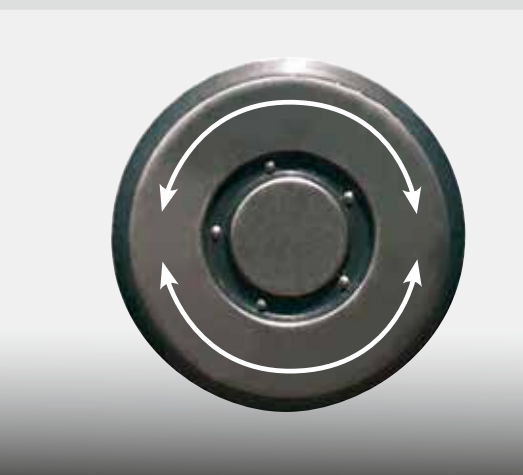




> The cutting height can be adjusted easily.



> Flat sided drums for optimal crop transport without the risk of blockage.



> The freely rotating saucers protect the stubble and reduce PTO power requirement.



> Quick knife exchange with minimal force and maximal security.



// DEUTZ-FAHR DRUMMASTER

For a clean cut.

Delivering a clean cut and creating a neat and fluffy swath, that is number one priority when mowing your grass or other crops for hay or silage. DEUTZ-FAHR drum mowers are uncompromising in performance and output. The proven design with its uneven or large sized diameter knife plates guarantees a clean swath formation, a cleaner product, perfect ground adaptation and high throughput with little PTO power requirement.

On rear mounted models, the cutting height can be adjusted easily by adding or removing spacers. The DEUTZ-FAHR front mower range features a continuous cutting height adjustment on top of the mower so the operator can set the optimum cutting height in changing conditions in an easy and safe way.

DEUTZ-FAHR uses drums with two flat sides for optimal crop transport without the risk of blockage. Movement of the crop has an impact on the mowing quality. The exchangeable transport strips enable you to adjust the amount of strips to the conditions and protect the drums from wear.

The freely rotating saucers have a major advantage. In uneven ground conditions, the saucer 'rotates' over the ground rather than sliding, thus protecting the stubble and reducing PTO power requirement.

The unique knife changing system enables quick knife exchanges with minimal force and maximal security. Using the special tool, you can push the knife holder down and simply replace the knives. In addition, the system is insensitive to pollution and wear.

The front cover can be folded away, allowing easy access to the blades. This is perfect for daily inspection and mower maintenance.

Damage to the side covers is now a thing of the past. The patented* FLEXPROTECT side covers are made of polythene. On encountering any obstacles, the material of the side cover bends, without breaking or damaging the mower. The material then returns back to its original shape. FLEXPROTECT side covers are integrated on all DEUTZ-FAHR mowers, except for the KM 3.16, 3.18 and 3.21.

*Patent or patent pending in one or more countries.



> Easy access to the drums.



> Optimal protection with FLEXPROTECT.

// KM 3.16 - KM 3.18 - KM 3.21

As reliable and economical as the big mowers.

With the three models of drum mowers KM 3.16, KM 3.18 and KM 3.21, DEUTZ-FAHR provides high-quality technology at working widths of up to 2.10 m. These drum mowers are suitable for small and medium-sized farms. Their long-life and easy and safe operation are the key attributes of these machines.

On hitting an obstacle, the mower unit pivots back, thus absorbing the impact. Reversing the tractor re-engages the safety system, and the mower unit is set back into the work position.

Without leaving the tractor seat, the mower units can be put easily into the transport position behind the tractor. An optional hydraulic folding cylinder is available for improved weight distribution during transport mode.

Compensation springs are fitted as standard to transfer the weight from the mower unit to the tractor in order to keep ground pressure as low as possible.

The KM 3.16, KM 3.18 and KM 3.21 can be hitched easily to every tractor with Cat. 1 or 2 linkage pins. DEUTZ-FAHR can provide a special adapter to fit wider tractors.



> Safety break back system.



> Easy switching between working and transport position.



> The compensation springs keep ground pressure low.



> Special adapter to fit wider tractors.



// DM 727F(E) - DM 730F DM 732F

Success through experience.

DEUTZ-FAHR front drum mowers stand for optimal mowing performance in the most challenging conditions. The proven features of DEUTZ-FAHR mowers are complimented by new solutions to meet today's and tomorrow's demands. The stable and rigid mainframe together with a robust driveline make this mower suitable for both regular and larger tractors.

The reliable V-belt driveline protection ensures an easy start-up of the machine. The V-belt drive with large bearings and axle can transfer 30 % more power than previous models.

On hitting an object, the redesigned patented* FLEXPROTECT side covers bend to prevent damage to the mower. The material then returns back to its original shape. The mower features standard integrated warning signs and LED road lights.

The unique knife changing system enables quick knife exchanges with minimal force. The continuous height adjustment allows you to set the optimum cutting height in changing conditions in an easy and safe way. Robust drive units with spiral-toothed gears give maximum power transfer at a comfortable sound level.

The typical DEUTZ-FAHR 'big & small' knife plate layout provides a narrow swath, secured via the standard swath discs. Another advantage is the very low power requirement thanks to the large throughput opening between the drums. This narrow swath fits within the tractors tyres and prevents damage and contamination of the cut crop.

The fixed headstock enables ground adjustment in the driving direction via the optional telescopic top link. The pendulum headstock enables ground adjustment in the driving direction via an integrated telescopic top link and 8.5° adjustment perpendicular to the driving direction via the linkage arms.

The DM 732F provides a large 3.19 m working width, combining low machine weight with a narrow swath. This makes this mower the ideal solution for working in hilly conditions with tractors equipped with double tyres.

*Patent or patent pending
in one or more countries.



> V-belt driveline.



> FLEXPROTECT flexible side covers.



> All operator handlings like cutting height adjustments are easy to perform.



> The 'big & small' knife plate layout provides a narrow swath.



> You have two choices of headstock to fit your working conditions.

// OVERVIEW DM 727F(E) - DM 730F - DM 732F

Machine highlights.



1 V-belt drive with large 40 mm bearings & strong mainframe.



2 DM 727FE - An economical approach to mowing (working width 2.7 m).



3 Continuous height adjustment.



4 Knife changing system with special tool and knife holder.



5 Standard swath discs securing a narrow swath.



6 Fixed headstock.



7 Pendulum headstock.



> FLEXTOP flexible top link connection (only in combination with a fixed headstock).



Options.



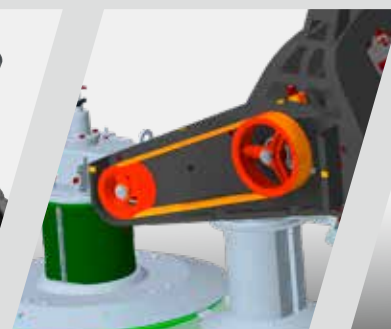
> FRONTFLEX telescope top link (only in combination with a fixed headstock).



> Hydraulic folding of the side guards.



> Extension set.



> 740 rpm set.



> Additional swath disc set.

// TC 3.32

A conditioner for silage or hay harvesting.

The DEUTZ-FAHR TC 3.32 3-point mounted conditioner offers you extreme flexibility and high performance for all crop types and in all conditions. Hay or silage, flat or steep slopes, this independent conditioner guarantees you high quality products.

The TC 3.32 has a low horsepower requirement. The pick-up rotor collection system guarantees optimal preservation of the nutritional value of your crop and offers high versatility in terms of crop types. The well-thought design makes the conditioner suitable for all terrain and weather conditions whilst ensuring a long service life.

The adjustable hood enables you to create a narrow swath of 1.00 m or opt for wide spreading up to 3.10 m instead. The conditioning effect and intensity can be easily adjusted by moving the lever which brings the plate closer or further away from the rotor. The conditioning rotor speed can be matched to the actual weather and field conditions by selecting 815 or 650 rpm. It is just a matter of changing the sprockets.

The fixed headstock with oscillating lower link pins allows the machine to follow the ground contours whilst the machine stays in line with the tractor, even on steep slopes. Large pivoting wheels are situated close (16 cm) to the conditioner for perfect ground adaption.



> Adjustable spreading width.



> Conditioner intensity and rotor speed adjustment.



> Big pivoting wheels for perfect ground adaption.





// DM 730

A sophisticated solution for challenging conditions.

Suitable for medium and large-sized farms, the DM 730 is designed for excellent ground following and top mowing performance, even in the most challenging conditions. The machine is based on a sophisticated headstock design - along with the typical DEUTZ-FAHR knife plate layout. The DM 730 is equipped with modern solutions to meet tomorrow's demands: LIFT-CONTROL mower suspension, a unique and efficient knife changing system for quick knife exchange and an optional parking stand for vertical storage to optimise floor space.

The trailed linkage geometry of the headstock provides excellent ground following in all circumstances, even on slopes and banks up to 25°.

The LIFT-CONTROL hydro-pneumatic suspension system continually ensures a uniform ground pressure and a lower pulling power requirement. The system minimises crop contamination and maximises stubble preservation. The combination of the trailed linkage geometry and LIFT-CONTROL creates a safety breakaway system for superior machine protection and non-stop mowing.

The new design includes redesigned and patented* FLEXPROTECT flexible side covers. On encountering any obstacles, the material of the side cover bends, without breaking or damaging the mower.

The proven DEUTZ-FAHR design with its uneven sized diameter knife plates has great benefits: a clean swath formation, less crop contamination, perfect ground following and high throughput with a low PTO power requirement.

The sophisticated headstock design ensures easy folding and unfolding and a safe road transport. Easy access and cleaning is offered by the foldable side guards.

For stable transport the machine has a folding transport position of 128°, the weight of the machine is placed more evenly between the rear wheels. The trailed linkage geometry enables a low transport height of 3.6 m, with a ground clearance of 0.5 m.

*Patent or patent pending in one or more countries.



> FLEXPROTECT flexible side covers.



> Perfect swath formation.



> Trailed linkage geometry of the headstock.



> LIFT-CONTROL hydro-pneumatic suspension system.



> Easy access and cleaning thanks to the foldable side guards.



> Comfortable and safe road transport.

// OVERVIEW DM 730

Machine highlights.



1 Heavy-duty driveline with spiral-toothed gears for a comfortable operating noise level.



2 Headstock with trailed linkage geometry.



3 Redesigned and patented* FLEXPROTECT flexible side cover.



4 Knife changing system with special tool and knife holder.



5 Foldable covers.



6 Height adjustment with spacers.

*Patent or patent pending in one or more countries.



> Swath disc set.



Options.



> Linkage pins to adjust the overlap 75mm.



> Parking stand for vertical storage.





> Adjustable working width and overlap.

// DM 788

High output and easy towing.

High capacity with a low power requirement is what characterises the DM 788 Triple Drum Mower. Due to its compact design and low power requirement the machine is suitable for tractors as from 85 kW (116 hp). Moreover, DEUTZ-FAHR mowing units perform outstandingly in all crops and even in the most challenging conditions. The freely rotating saucers make this mower very easy to tow.

The renewed design features a heavy-duty driveline with spiral-toothed gears to maintain a comfortable sound level and integrated freewheel clutches for minimal maintenance.

The DM 788 is fitted as standard with a hydraulic safety break back system. On hitting an obstacle, the mower units move upwards and backwards, independently of each other.

The working width of the mower can be adjusted to 3 different sizes: 8.30 m, 8.54 m and 8.84 m. This enables you to work

with front mowers of different working widths and allows you to choose the right overlap when working on slopes.

The DM 788 has a weight of 2000 kg. With one front mounted mower and two mowers attached to the rear of the tractor, this mower combination ensures an excellent weight transfer for the best maneuverability in sloping terrain.

The two rear units of the mower combination can be lifted independently, allowing you to cut only the remaining crop. The functional hydraulic valve comes as standard.

The DM 788 mower can be detached and stored in folded-up position on the integrated supports.

With minor adjustments and an optional attachment kit for the front mower, it is possible to use the DM 788 triple mower in a reverse drive combination.



> Compact design for best weight transfer.



> LIFT-CONTROL hydraulic safety break back system.



> Optimal user comfort and versatility.



> Single-side mowing.



> Reverse drive combination.



TECHNICAL SPECIFICATIONS	KM 3.16	KM 3.18	KM 3.21	DM 730	DM 788
Working width (m)	1.65	1.85	2.10	3.04	8.30 - 8.54 - 8.84
Transport width (m)	1.40	1.50	1.60	2.30	3.00
Linkage	Cat. 1 - 2		Cat. 2		
Number of drums	2			4	8
Number of knives	6		8	12	24
Cutting height adjustment	spacers ○			spacers ●	
Cutting height adjustment range (mm)	12 ○	16 ○		44	
Road light kit	○			●	
Swath discs	(1x) ○			(2x) ○	
Hydraulic folding of the side guards	-				●
PTO speed (min ⁻¹)	540			1000	
Tyres	-				
Weight min - max (kg)	335 - 385	415 - 465	500 - 550	940 - 1000	2000 - 2100
Minimum required tractor hydraulic connections	-			1x DA + 1x SA	
Minimum PTO power requirement kW(hp)	20(27)	25(34)	30(41)	55(75)	85(116)

● = standard ○ = optional - = not available


DM 727F(E)	DM 730F	DM 732F	TC 3.32
2.69	3.04	3.19	1.80
2.60	2.95	3.10	2.55
Cat. 2 A-frame			Cat. 2
4			-
10	12		-
continuously			-
45			-
● (LED)			○
(2x) ● / (+2x) ○			-
○	○	○	-
1000 ● / 740 ○			540 / 1000
-			6.00-9 6PR
660 - 730	710 - 780	740 - 810	425 - 475
-			
40(54)	45(60)	48(65)	18(24)

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