

MAMMUT



TMR Mixer Profi Mix



the power
brand

flexible
for your success



Total mixed ration – essential for efficiency and animal welfare

The concept of the total mixed ration has become well established in recent years. Increasing performance demands for the individual operation also require new concepts in livestock farming and feeding. Feed preparation in the form of total mixed rations has proven itself not only in high-performance fattening and dairy cattle farming, a constant provision of feed also delivers significant advantages in calf rearing. Until now however, easing the workload through feed mixing technology was reserved only for larger operations. MAMMUT has embarked on a new course with their individual options and has created a flexible solution for total mixed rations for small and medium-sized operations too, with the development of the „Profi Mix“ compact feed mixing range.

The advantages of a TMR at a glance:

- No selection of the individual feed components
- Maximum fibre separation for ideal digestive processes
- Precise measuring of the components through exact weighing system
- Visible rapid enhancement of animal well-being and animal yields
- Flexibility in application
- Eases the workload

Optimum results have already been achieved in various practical trials:

Use of various total mixed rations, for example in the Gollhammer veal farming operation (Upper Austria): Since using the „PROFI MIX“ feed mixer, it has been possible to reduce the average fattening period of the feeders by approx. 20 days and increase the daily weight gain per animal by 150 g.



veal TMR straw

barley straw
barley
wheat
soy
minerals
buckwheat
milk powder
molasses



veal TMR hay

hay
corn
barley
soy
apple pomace
molasses
minerals



bull fattening TMR

grass silage
corn silage
hay
barley
wheat
soy
minerals
molasses



Our know-how is your advantage

THESE ARE THE ADVANTAGES OF MAMMUT PROFI MIX

• Consistent feed quality:

Uniform mixing and perfect shredding of the raw fibre results in a homogeneous and valuable mixed ration. The electronic weighing system ensures constant rations.

• Flexible in application:

In all models, particular attention was paid to achieving a low construction height and a tight turning circle. This enables the TMR concept to be used without structural alterations.

• Convenient workload easement:

The working process is not only optimised with regards to the feed mixer itself – various accessories, such as an electrical slide gate opening with remote control, ensure that the daily shed work is also easier and maximum working convenience is achieved.

Manfred Gollhammer, Mammut product development and cattle breeder, Wildenau (OÖ)

“I manage a feeder breeding operation with approx. 120 calves and use the stationary 4 m³ mixer there in combination with a conveyor belt and a small distribution wagon with a volume of 1.5 m³. This variant is simply the ideal solution for me because the system fits in my shed perfectly, thanks to its compact size. No expensive shed modifications were required in order to produce the calf muesli for my animals. The results were astonishing – I was able to increase the daily weight gain to up to 150 g and reduce the fattening period by approx. 20 days. And I can always be sure that all animals are uniformly supplied with the feed components.”



Do you have questions about feeding with total mixed rations? Then get in touch with us about this subject:

Manfred Gollhammer

E-Mail: fuetterung@mammut.at



**Individual, practical, electrical:
Stationary feed mixers from MAMMUT**

With the two stationary feed mixing machines with 1.5 m³ or 4 m³ volumes, MAMMUT has created an alternative for operations looking for a powerful and easily installed solution.

The stationary mixers can be individually adapted to suit any premises. This system is particularly popular in rearing, although smaller dairy operations or beef production operations, where vehicular entry into the buildings is restricted, are now also benefiting from the stationary TMR mixers from MAMMUT.

CONSISTENT FEED QUALITY

With both the 1.5 m³ and the 4 m³ PROFI MIX stationary mixers, the distance from the mix container to the auger has been selected to ensure that all feed components are reliably shredded and mixed through. The creation of a constant mixed ration is additionally simplified through the use of an electronic weighing system (optional).

CONVENIENT WORKLOAD EASEMENT

An intelligent range of accessories makes feed mixing even more simple: For example the discharge and the mixer auger can each be conveniently controlled electrically by remote control.



The vertical mixer auger and the canted container ensure that the feed is mixed through perfectly.



The electronic additive scales guarantee continuous mixing of the individual components.



Both the discharge and the auger can be controlled by means of remote control.

Standard equipment
Electric motor and switch cabinet with convenient operation
One mechanical discharge
One counter knife
Straw ring

Accessories
Frequency converter
Electronic weighing system
Electrical discharge
Remote control
Second counter knife
Metal hopper (size upon consultation)
Molasses container



**A smart mixer for every requirement:
The tractor-drawn PROFI MIX 4 m³**

MAMMUT has developed the tractor-drawn 4 m³ "PM 4.0 A" mixer as an ideal addition for attachment to a tractor. The compact mixer also stands out in particular due to the low construction height. This also makes filling the mixer significantly easier by means of front loader, farm loader or wheel loader.

ECONOMICAL AND EFFICIENT

Good cutting performance is very important, particularly for mixed rations with a high raw fibre content. The vertical auger with the aggressively arranged cutters also shreds long-fibre feed or dry feed effortlessly. In this way it is possible to optimally utilise all of the farm's own feed resources.

FLEXIBLE IN APPLICATION

The economic success of farmers in combination with the best of animal welfare is the top priority at MAMMUT. As a result, the adaptation of the feed mixer to suit the wishes of the customer is essential. Particularly with the tractor-drawn 4 m³ PROFI MIX, for example, it is possible to adapt the drive axle or mount a conveyor belt for feed discharge.

Standard equipment
One hydraulical discharge
One counter knife
Cardan shaft
Straw ring



With a standard height of 2.07 m, even low shed accesses pose no problem.



A second counter-cutter is available for use with feed with a high raw fibre content.



It is also possible to adapt the individual feed mixer to suit individual wishes.

Accessories
Electronic weighing system
Double sided hydraulic opening
Second counter knife
Metal hopper (size upon consultation)
Conveyor (size upon consultation)
Molasses container



The agile all-rounder:
The self-propelled PROFI MIX 2.5 m³

MAXIMUM MOBILITY

For even greater flexibility, MAMMUT offers a self-propelled feed mixer with 2.5 m³ volume. With its single-wheel steering and a steering lock angle of approx. 150 degrees, the slim-line mobile mixer is extremely agile. The container on the self-propelled mixer is made of plastic (polyethylene HD) – the wear-resistant material not only guarantees a long service life but also reduces the net weight of the mixer.



The self-propelled mixer is available with a petrol engine or electric motor, and thanks to its compact construction it is ideally suited for use in tight shed spaces.



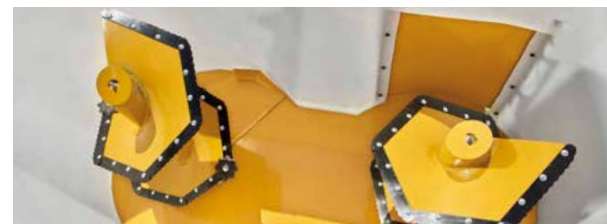
Emission-free use inside sheds is also possible with the 15 kW electric motor (here as a cable variant).

Standard equipment

- Electronic weighing system
- One mechanical discharge

CONSISTENT MIXING RESULTS

Due to the container shape and the two angular augers, counter-cutters are not required on the PM 2.5 SF. The feed is homogeneously shredded and mixed – providing precise mixing results even with small mix quantities.



Optimum mixing is achieved due to the unique container shape and the powerful mixing augers.

QUIET AND EMISSION-FREE

In addition to the Honda petrol engine, the mobile mixer is also available as an electric version: This means that emission-free operation is possible, particularly in closed sheds. The PM 2.5 SF is available in mains and cordless versions.



NEW: PROFI MIX 2.5 m³ self-propelled mixer with electric motor and rechargeable battery pack.

Accessories

- Double sided hydraulic opening
- Plastic extension 10 cm
- Metal hopper (size upon consultation)
- Exhaust extension upwards
- Foamed tyres (recommended starting at 900 kg load capacity surcharge)



A semi-automatic mixing station:
The complete solution from MAMMUT

The semi-automatic TMR station offers maximum working convenience: Combining the stationary PROFI MIX with 4 m³ volume, a conveyor belt and the Distributor 1.5 SFB self propelled distribution wagon, this concept from MAMMUT is the most flexible feed system on the market.

SLIM AND EFFECTIVE

For operations with low farm buildings, this combination of stationary feed mixer and distribution wagon offers a cost-effective alternative to fully automatic feed systems. Here, the advantage clearly lies in the flexibility and effectiveness: Thanks to the compact construction of the distribution wagon, all sheds are accessible. The TMR station assures the efficiency and rapid availability of individual mixes.



With a volume of 1.5 m³ and its low overall height, the small "Distributor 1.5 SFB" distribution wagon is ideally suited for driving into low farm buildings.

Familie Aichinger, dairy farm, Zipf (00):

"Our farm currently has 30 dairy cows. Before using the feed mixing system from MAMMUT, the feed was supplied manually because it was not possible to drive in with the tractor – this was time-intensive and exhausting.

It is mainly hay, straw, corn silage and concentrated feed that are now mixed together to form TMR. The compact distribution wagon means that there is no longer a need for laborious manual distribution and the TMR has also optimised the whole feeding behaviour of the animals."



The range from 1.5 to 4 m³ volume

Individual, practical, electrical: Stationary feed mixing systems from MAMMUT

Technical data	PM 1.5 ST	PM 4.0 ST
Fill volume	1.5 m ³	4 m ³
Max. fill quantity	550 kg	1600 kg
Number of cows	approx. 3 - 8 LU	approx. 20 - 30 LU
Number of augers	1	1
Motor	Electric motor 7.5 kW	Electric motor 11 kW
Standard output speed	approx. 26 r/min.	approx. 20 r/min.
Output speed with frequency converter	approx. 26 - 40 r/min.	approx. 20 - 31 r/min.
Number of cutters	4 x big / 2 x small	4 x big / 2 x small
Net weight	720 kg	1420 kg
Height	2.10 m	2.43 m
Width	1.50 m	2.06 m
Length	2.30 m	2.89 m



Stationary mixer PM 4.0 ST

A smart mixer for any requirement: The tractor-drawn PROFI MIX 4 m³

Technical data	PM 4.0 A
Fill volume	4 m ³
Max. fill quantity	1600 kg
Number of cows	approx. 20 - 30 LU
Number of augers	1
Antriebsart	PTO shaft
Output speed	approx. 26 - 40 r/min.
Number of cutters	4 x big / 2 x small
Net weight	1730 kg
Height	2.07 m
Width	1 slide gate = 2,06 m 2 slide gates = 2,18 m
Length	3,50 m



Trailer mixer PM 4.0 A



Self-propelled mixer PM 2.5 SF

The agile all-rounder: PROFI MIX feed mixer and DISTRIBUTOR distribution wagon

Technical data	PM 2.5 SFB	PM 2.5 SF Electro - cable	PM 2.5 SF Electro - battery	Distributor D 1.5 SFB
Fill volume	2.5 m ³	2.5 m ³	2.5 m ³	1.5 m ³
Max. fill quantity	1000 kg	1000 kg	1000 kg	450 kg
Number of cows	approx. 8 - 12 LU	approx. 8 - 12 LU	approx. 8 - 12 LU	approx. 3 - 8 LU
Number of augers	2	2	2	1
Motor	Petrol engine Honda 22 PS	Electric Motor 15 kW Mains variant	Electric Motor 15 kW Cordless variant	Petrol engine Honda 16 PS
Output speed	approx. 30 r/ min.	approx. 30 r/ min.	approx. 30 r/ min.	approx. 30 r/ min.
Number of cutters	26	26	26	13
Net weight	1066 kg	1150 kg	1345 kg	590 kg
Height	1.85 m	1.85 m	1.85 m	1.75 m
Width	1 slide gate = 1.22 m 2 slide gates = 1.32 m	1 slide gate = 1.22 m 2 slide gates = 1.32 m	1 slide gate = 1.26 m 2 slide gates = 1.32 m	1 slide gate = 1.17 m
Length	3.20 m	3.20 m	3.20 m	2.39 m

Please contact us at any time for further information!
Simply call us on +43 (0) 7757 6701!
We will also find the ideal solution for your operation!



MAMMUT



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