



10
year
Warranty

MAFA Unik

- the best feed silo
with unique features!



Better feed yield

If you want to store your feed optimally and always guarantee the highest feed yield then you should choose our best silo - a MAFA Unik

The right logistics reduce feed costs

Today freight comprises a substantial proportion of feed costs. It is therefore important for you to be able to store larger quantities of feed, whilst maintaining quality on the farm. With MAFA Unik you can select a larger silo.

Uniform feed quality with superior feed hygiene - the silo is emptied from the bottom

A Unik silo always delivers uniform feed quality with no feed hygiene problems. The silo is always emptied from the bottom, which means that the oldest feed is discharged first. You avoid feed remnants and deposits, thus guaranteeing good hygiene and the best nutrition yield. It is therefore beneficial to select a larger Unik silo instead of several smaller standard silos.

Dust-free with natural ventilation - avoiding condensation

With the Unik silo's large cyclone you obtain a maximum unloading capacity of about 1 tonne/min whilst retaining quality, primarily with pelletized feed. The cyclone is gentle on the feed and leaves almost no dust in conjunction with filling. However, the greatest benefit is that the warm air in the silo is ventilated out, thereby avoiding condensation and further improving hygiene in the silo.

MAFA-Unik silo features:



A bigger cyclone for improved filling and ventilation.

A taller cyclone for finer particles.



A 37° tilt of the sidebox and a progressive MAFA auger secures mass flow from the silo.



A special auger with a shiny head helps to avoid feed remnants in the silo.



AluZinc sheet - lower friction and longer life span

The silo is manufactured in AluZinc-coated steel sheet. This is a quality sheet-metal with vastly superior durability compared with galvanized sheet. Furthermore, it has lower friction, enabling the feed to slide more easily. The shiny surface, which lasts for year after year, also means that the amount of heat entering the silo is insignificant. We therefore give a 10 year warranty on this silo.

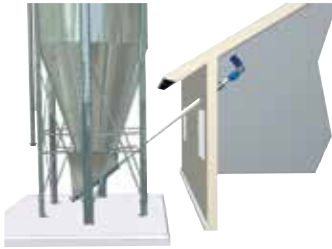
With MAFA Unik you are making a safe investment.

MAFA Unik - made in Sweden.



Id with MAFA Unik

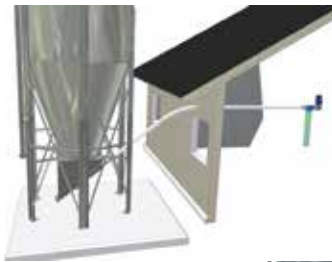
Examples of MAFA auger solutions



Auger solution A3
A straight 102 mm tubular auger is a safe solution for short transportation requirements.

Auger solution B1

A simple and safe solution with a tubular auger to a Maflex auger. Thanks to a controlled feed of 102 mm tubular auger to the flex auger, this option is very gentle for pelletized feed in conjunction with long transportation distances.



Auger solution A1/A2
Standard solution with Maflex 90 alt. 90/75 straight from silo and with up to a 40 m long auger.

Auger solution A4

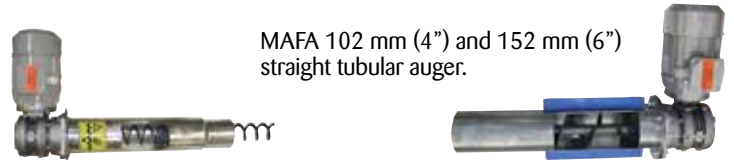
With the powerful 152 mm tubular auger you obtain a high capacity and a long service life. Particularly suitable for filling mixer carts.



More information about MAFA auger solutions is available at www.mafa.se

With MAFA augers you obtain the same high quality with transportation as with the silo itself

MAFA's different system solutions for storage, handling and transport of feed include a complete range of extremely high quality feed augers. The augers are designed for many hours of operation without maintenance, and are directly compatible with the rest of MAFA's range. Augers from MAFA ensure satisfactory functioning throughout the entire silo installation.



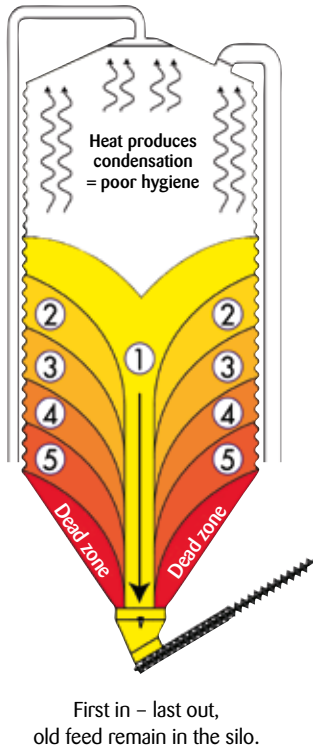
MAFA 102 mm (4") and 152 mm (6") straight tubular auger.

MAFA Maflex 90, 90/75 or 125 flexible bendable auger.

Model	Volume m ³	Total height m	Diameter m	Weight kg
Unik Small				
UNS-6	6,3	5,33	1,88	380
UNS-9	8,9	6,29	1,88	450
UNS-12	11,5	7,25	1,88	520
Unik				
UN-12	12,0	6,45	2,34	685
UN-17	17,1	7,65	2,34	780
UN-22	22,3	8,85	2,34	880
UN-27	27,5	10,05	2,34	995
UN-33	32,6	11,25	2,34	1110
UN-38	37,8	12,45	2,34	1285
Unik Big				
UNB-25	24,6	7,87	3,10	1530
UNB-34	33,8	9,07	3,10	1690
UNB-43	42,9	10,27	3,10	1850
UNB-52	52,1	11,47	3,10	2155
UNB-61	61,3	12,67	3,10	2365
UNB-70	70,4	13,87	3,10	2525
UNB-80	79,5	15,07	3,10	2750



MAFA Unik with mass flow, first in - first out, always fresh feed



Traditional silo with funnel flow

The silo is emptied by means of sliding in the middle of the silo. The heavier feed particles flow out first and the finer particles are last. A dead zone is formed at the bottom outer edge of the silo. There is a high level of separation and feed hygiene is impaired appreciably.

(The figures in the drawings indicate the order in which the layers of feed are emptied)

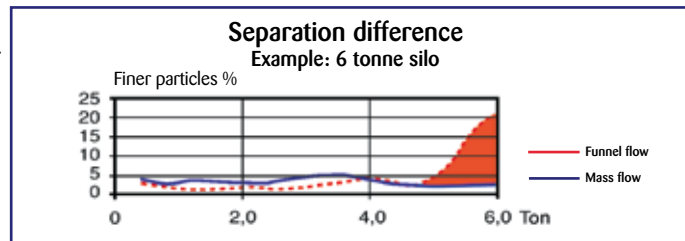
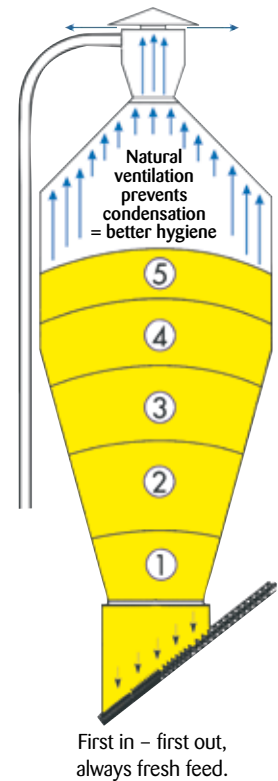
Tests show that a silo with traditional funnel flow can have an increased proportion of flour of up to 25% fine particles at the end of the emptying process.

MAFA Unik with mass flow

The prerequisites for mass flow are smooth silo walls, a steep cone and a special auger box. The silo is emptied from the bottom. All the material at the same level throughout the entire silo is emptied simultaneously. Separation is avoided, feed quality is maintained and feed hygiene is enhanced.



MAFA Unik with natural ventilation = no condensation



In practice this entails a 3-5% improvement in production yield in a Unik silo.

MAFA is market leader in Sweden and more than 50% of production is exported



MAFA's head office and modern production plant is located in Ängelholm in the north-west of Skåne.

The story of success began in 1958...

when MAFA's founder Gusten Andersson had an ingenious idea in relation to handling bulk commodities. In the 50 years since then MAFA in Ängelholm has developed into a company with great experience and tradition surrounding design and manufacture of equipment for materials handling and storage of bulk commodities in silos.

MAFA utilizes the latest technology and the personnel have expertise in producing everything from mass production silos to specifically customized installations for bio energy, industry or agriculture.

MAFA is currently market leader in Sweden and more than 50 % of production is exported.

