



Unik 2000

Outdoor silo



The MAFA Concept 2000 provides you with the opportunity of putting into practice the guidelines which the Swedish Association for Livestock Breeding Production, SMR, Scan, Lantmännen and LRF have jointly drawn up to maintain the highest possible quality in production and handling of animal feed on your farm.

MAFA Unik 2000

Our best silo, with "unique characteristics". A basic design that is stable and simple, with a diameter of 2.3 m and six supporting legs. Manufactured in aluzinc sheet, a high quality sheet metal that combines the best characteristics of aluminium and zinc. Tests show that the life-span of this metal is considerably longer than ordinary galvanised sheet metal.

- Filling is smooth, via a large radius bend and a large cyclone that prevents dust forming.
- The silo empties itself from the bottom: so called mass-emptying (see reverse side of leaflet). The oldest feed always comes out first, which provides better hygiene in the silo and the least possible separation. Volume-weight and other characteristics are always the same and there is never any old feed left in the silo.
- It is even possible to keep track of deliveries made.
- Smooth interior walls with new, special bolts and a steeper cone mean the silo can be emptied completely.
- Ventilation through the new, larger cyclone removes all problems of condensation, which in turn provides even better conditions for good feed hygiene.
- Several alternative worm-screw-boxes with progressive intakes for smooth and homogeneous transport.
- Large man-hole hatch in the worm-screw-box.
- 7 year material guarantee.

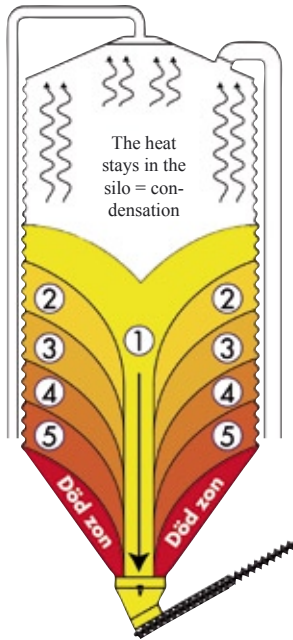
MAFA Unik 2000 Big

- Has the same good characteristics as the Unik 2000, but with a larger volume and a diameter of 3.1 m and eight supporting legs.



Model	Volume m ³	Total height m	Diameter m	Weight kg
Unik 2000				
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 2000 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 has mass-flow, providing unique benefits.



First in - Last out
Old material last

Traditional silo with funnel-flow.

The silo empties through central collapse. The heavier material particles run out first and the finer particles are left till last. A dead zone is created at the bottom in which material hygiene drastically deteriorates.

(The figures on the sketches indicate which layers are emptied first.)

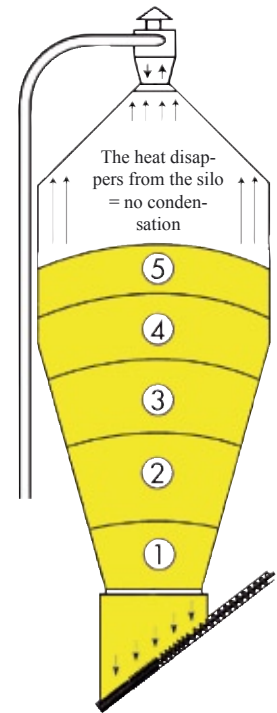
Tests show that a silo with traditional funnel-flow can have up to 25% more powder content (= fine particles) at the end of an emptying phase.

MAFA Unik with mass-flow.

Smooth silo wall, a steep cone and special worm-screw-discharger are essential for mass-flow emptying. The silo is emptied from the bottom. All the material at one level is removed at the same time. Separation is avoided, material quality is maintained and hygiene remains high.

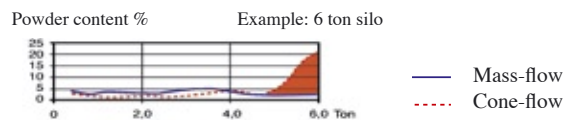


MAFA Unik with natural ventilation = no condensation



First in - First out
Always fresh material

Separation differences



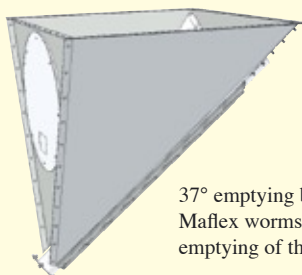
Common to all MAFA Unik silos:



Large cyclone for even better filling and ventilation.



Special bolts with smooth heads avoid feed residues in silo.



37° emptying box with progressive Maflex wormscrew for mass-flow emptying of the silo.

Major advantages with large Unik Big

The unique emptying properties of the Unik silo make it easy to replace two smaller silos with one Unik Big and maintain a good material hygiene.

The Unik Big model has like all other Unik silos mass-flow which provides for homogenous and separation free material = good quality - consistently.

Even the exterior environment surrounding the Unik Big is guaranteed due to the big cyclone which gives clean surroundings with minimum dust.

