

MAFA UNIK

BIOENERGY

MAFA UNIK is a Swedish-made silo avaliable in three models. The silo has a stabil construction, made of AluZink-coated steel sheet. A high-quality sheet material that combines the best properties of aluminium and zinc. In combination with a MAFA UNIK Auger Box the silo is emptied from the bottom, with quality preserved and minimal separation compared to a traditional silo.

We provide a 10-year material warranty against rusting on our factory-fitted MAFA UNIK. The silo is designed to handle loads of up to 750kg/m³ and can be adapted for higher volume weights.

Advantages of MAFA UNIK:

- AluZinc reduces the heat radiation in the silo.
- Longer service life. We provide a 10-year material warranty against rusting.
- Filling via a long radius bend and large cyclone provides optimal ventilation and gentle handling.
- Efficient filling with high capacity.
- Ventilation through a cyclone avoids condensation.
- The material slides easily with minimal friction as the inside is smooth, equipped with a special bolt and a steep cone.
- A wide range of auger boxes for gentle material handling and different capacity requirements are avaliable.
- When combined with a MAFA UNIK Auger Box, the silo is emptied from the bottom with minimal separation.

MAFA UNIK

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45° slope on the roof allows you to fill the silo all the way up.

The cyclone gives good ventilation which results in good hygiene

The emptying method provides minimal separation, which gives a financial gain.

Funnel fed silo



The silo cannot be completely filled up - unused capacity.

No ventilation which creates condensation and gives poor quality.

The emptying takes place through collapse in the middle. The material is separated and a large dead zone is formed at the bottom of the outer edge of the silo. Hygiene is significantly impaired. Approximately 25% increased proportion of flour at the end of emptying.

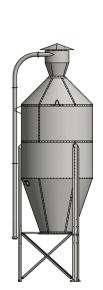
The numbers in the silo show the flow of the material

* Dead zone

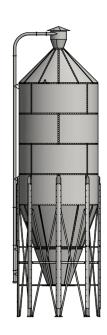


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Technical information

Model	Volume m ³	Height m	Ton at 650kg/m³		
MAFA UNIK Small					
70° cone, 45° roof, ø -1,9m					
UNS-6	6,3	5,3	4, I		
UNS-9	8,9	6,3	5,8		
UNS-12	11,5	7,3	7,5		
UNS-14	14,1	8,2	9,2		

Model	Volume m ³	Height m	Ton at 650kg/m³		
MAFA UNIK 70° cone, 45° roof, ø - 2,4m					
UN-12	12,0	6,5	7,8		
UN-17	17,1	7,7	11,1		
UN-22	22,3	8,9	14,5		
UN-27	27,5	10,1	17,9		
UN-33	32,6	11,3	21,2		
UN-38	37,8	12,5	24,6		

Model	Volume m ³	Height m	Ton at 650kg/m³			
MAFA UNIK Big 70° cone, 45° roof, ø - 3,1m						
UNB-25	24,6	7,9	16,0			
UNB-34	33,8	9,1	22,0			
UNB-43	42,9	10,3	27,9			
UNB-52	52,1	11,5	33,9			
UNB-61	61,3	12,7	39,8			
UNB-70	70,4	13,9	45,8			
UNB-80	79,5	15,1	51,7			

ACCESSORIES

All MAFA silos can be equipped with various accessories to optimize the functions for the specific customer.

Contact us for more information!

